

CARSON-NEWMAN UNIVERSITY

Undergraduate Catalog 2020-21

Jefferson City, Tennessee 37760
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General Information call 865-471-2000
Home Page <http://www.cn.edu>

PURPOSE OF THIS PUBLICATION

This publication is intended as a description of the academic programs and activities of Carson-Newman University. It is not an offer to make a contract.

It is sometimes necessary or appropriate to change policies or programs offered. Carson-Newman retains the right to terminate or change any of its policies, programs, requirements, course offerings, class schedules, instructor assignments and any and all other aspects of its educational and other programs at any time without prior notice.

Carson-Newman University does not unlawfully discriminate on the basis of race, color, sex, national origin, disability, age, veteran status, or genetic information in provision of its education policies, programs, services and activities or employment opportunities and benefits.

The University does not unlawfully discriminate on the basis of race, sex, or disability in its education programs and activities pursuant to the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the American with Disabilities Act (ADA) of 1990.

Inquiries and/or charges of violation concerning Title VI, Section 504, ADA, the Age Discrimination in Employment Act (ADEA) or any other of the other referenced policies should be directed to the Director of Human Resources, 1646 Russell Avenue, Suite 204 Fite Building, Jefferson City, Tennessee 37760, telephone 865-471-7164.

The university is required by Title IX of the Education Amendments Act of 1972 and its implementing regulation at 34 C.F.R. Part 106 not to discriminate unlawfully on the basis of sex in its education program or activity. This prohibition extends to employment and admission. Inquiries about the application of Title IX may be directed to the Title IX Coordinator, Shelley Ball, Assistant Vice President for Student Services, 2130 Branner Avenue, Maddox Student Activities Center, Office # 2009-C; telephone 865-471-3238; sball@cn.edu and/or to the Assistant Secretary of Education for Civil Rights, U. S. Department of Education.

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2020-21 ACADEMIC CALENDAR

Traditional Semesters

Fall Semester 2020

Registration and Enrollment Confirmation.....	Monday,-Tuesday, August 17-18
Classes begin.....	Wednesday, August 19
Convocation.....	Tuesday, September 1
Last day to submit CLW waiver request.....	Wednesday, September 2
Last day to add courses.....	Friday, September 4
Last day to drop a course without a grade.....	Friday, September 4
Last day to make a schedule change without a fee.....	Friday, September 4
Labor Day holiday.....	Monday, September 7
C-N Serve Day.....	Wednesday, October 7
Midterm grades due in Office of the Registrar.....	Friday, October 9
Sign up for Advising.....	Beginning Monday, October 19
Last day to drop a course with W.....	Wednesday, October 28
Courses dropped beginning this date until the end of the semester are graded WF.....	Thursday, October 29
Homecoming.....	Saturday, October 31
Early registration for Spring 2021.....	Beginning Monday, November 2
Thanksgiving Holidays.....	Saturday, November 21-Sunday, November 29
On-line instruction.....	November 30 - December 2
Last day of classes.....	Wednesday, December 2
Reading/Study Day, Departmental Evaluations.....	Thursday, December 3
Semester examinations.....	Day classes -- December 4, 7, 8, 9, 10 Evening classes -- December 1, 2, 3, 7
Commencement.....	Friday, December 11

Spring Semester 2021

Registration and Enrollment Confirmation.....	Monday-Tuesday, January 11-12
Classes begin.....	Wednesday, January 13
MLK Holiday.....	Monday, January 18
Last day to add courses.....	Friday, January 22
Last day to drop a course without a grade.....	Friday, January 22
Last day to make a schedule change without a fee.....	Friday, January 22
Last day to submit CLW waiver request.....	Wednesday, January 27
Midterm grades due in Office of the Registrar.....	Friday, March 5
Spring break.....	Saturday, March 6-Sunday, March 14
Sign up for Advising.....	Beginning Monday, March 22
Early registration for Fall 2021.....	Beginning Monday, March 29
Last day to drop a course with W.....	Wednesday, March 31
Courses dropped beginning this date until the end of the semester are graded WF.....	Thursday, April 1
Easter Holiday.....	Friday, April 2- Monday, April 5
Student Research, Creativity and Performance Day.....	Thursday, April 15
Last day of classes.....	Wednesday, April 28
Reading/Study Day, Departmental Evaluations.....	Thursday, April 29
Semester examinations.....	Day classes -- April, 30, May 3, 4, 5, 6 Evening classes -- April 27, 28, 20, May 3
Commencement.....	Friday, May 7

Summer Session 2021

Mayterm.....	Begins May 10 - Ends May 28
Fourteen week session.....	Begins May 10 - Ends August 13
Ten week session.....	Begins May 17 - Ends July 23
Session A.....	Begins May 10 - Ends June 25
Session B.....	Begins June 28 - Ends August 13
Session F.....	Begins June 1 - Ends June 25
Session G.....	Begins June 28 - Ends July 23
Memorial Day Holiday.....	Monday, May 31
Independence Day Holiday.....	Monday, July 5
Examinations.....	Last day of class

For a timetable of important drop/add, refund, and withdrawal dates and summer enrollment and withdrawal policies, see the following:
<http://www.cn.edu/administration/registrars-office/academic-calendar/2020-21-traditional-15-week-calendar>

Carson-Newman University

Carson-Newman University, a Christian, private, liberal arts institution, is located in Jefferson City, 25 miles east of Knoxville. Carson-Newman offers a campus of stately white-columned buildings on rolling, grassy hills close to Cherokee Lake and near the Great Smoky Mountains.

Carson-Newman has been named to the President's Higher Education Community Service Honor Roll, the highest federal recognition a college or university can receive for its commitment to volunteering, service-learning and civic engagement. Carson-Newman has also been recognized by Washington Monthly as one of the top ten liberal arts colleges in the nation. The University's reputation is born from its commitment to Christian excellence and academic rigor as manifested through 50 undergraduate majors and graduate programs in business, counseling, education, nursing, social justice, and theology.

Mission

Our mission is to help our students reach their full potential as educated citizens and worldwide servant leaders.

Vision

Carson-Newman University will be the Christ-Centered, liberal arts-based university of choice in the Southeast for education and service.

University Identity and Values

Carson-Newman accomplishes its mission by integrating academic excellence and Christian commitment within a caring community. We believe that faith as well as learning make the whole person and are dedicated to developing both the spirit and mind of each student. The university is a community of learners committed to academic quality and personal growth by encouraging *selfless service, excellence, learning, and leadership*. These core values form the basis of our identity as an institution of higher learning and provide guidance to members of our organization. Devotion to these values helps us to achieve our mission and guide us toward fulfilling our vision as a university. Carson-Newman is committed to:

1. *Preparing **servant leaders** by providing men and women of character and intellect to serve with and among others. Our graduates will be equipped to occupy places of leadership and will use their God-given talents in service to others.*
2. *Working toward **excellence in all that we do** by developing individuals who are better able to live out their faith as educated citizens, promoting an attitude of stewardship for God's creation, and fostering an appreciation for truth, beauty, and goodness.*
3. *Providing **access to higher education** to students through additional, flexible educational opportunities outside the conventional course delivery model.*
4. *Promoting the **wholeness of life** by recognizing the inherent value of self as well as others and welcoming a diverse population to share in the pursuit of excellence.*
5. *Being an **integral part of the Appalachian region** by providing multifaceted resources, opportunities, and community engagement programs.*
6. *Confronting and **addressing the challenges of the future** by providing its graduates with the capabilities to be lifelong learners.*

University Learning Goals

Carson-Newman recognizes that there are many pathways to success. Traditional as well as post-traditional students are encouraged to pursue their passions as well as to become lifelong learners and servant leaders. To this end, the University's curriculum is designed to provide graduates with the skills and knowledge needed to be competitive in a rapidly and continually changing world. In order to achieve these aims, Carson-Newman has identified the following goals:

1. *Provide a **breadth of knowledge** through the delivery of a Liberal Arts Core curriculum to produce graduates with the ability to assimilate a range of knowledge across multiple academic disciplines with varied learning practices.*
2. *Provide a **depth of knowledge** through the comprehensive study of an academic discipline to produce graduates with the appropriate skills to grow intellectually and ensure that all students are prepared for career success.*
3. *Ensure students can demonstrate **critical and analytical reasoning** skills when evaluating information by accessing and gathering relevant information, identifying pertinent suppositions, recognizing relationships, applying scientific principles, evaluating arguments, and solving problems by employing suitable strategies.*
4. *Ensure students are able to **communicate effectively** by demonstrating the ability to formulate clear written and oral arguments, speak articulately, and correspond with others using appropriate means.*
5. *Ensure students exhibit **social responsibility and ethical awareness** by understanding and embracing moral principles, acquiring the capacity for self-evaluation, acting responsibly, and fostering justice.*
6. *Ensure students have an appreciation for **cultures and traditions** by demonstrating an understanding of global perspectives and diversity, recognizing the values and beliefs of multiple societies, and exhibiting an awareness of the arts.*

Carson-Newman University History

In the early 1840s, a number of Baptist leaders in East Tennessee desired to offer better prepared ministers to area congregations. The East Tennessee Baptist Educational Society, which was comprised of two groups with a common interest, applied in 1850 for a charter to establish an institution of higher learning. Afforded the use of a local church building, Mossy Creek Missionary Baptist Seminary opened to students in the fall of 1851. The Tennessee Legislature granted the school's charter in December of that year.

As noted in their founding documents, the founders possessed a twofold intent: "to promote education in general, and among the ministry in particular." Over time, that ideal has become the institution's DNA of Christian service as evidenced in student volunteers as well as in the lives of alumni.

The institution produced its first graduate, Richard Scruggs, in 1855. Manifesting the ideal of "education in general," Scruggs went on to become a physician. The following year, the second graduating class reaffirmed the school's mission by producing a lawyer and a minister, in that order.

The 1889 merger of men's and women's institutions made Carson-Newman an early entrant in coeducation in the region. Throughout its history, the institution has instilled a deep commitment to service in its students. The fruits of its labor, its alumni, have filled schoolrooms, courthouses, hospitals, boardrooms, pulpits, and mission fields the world over in spreading the lessons of Carson-Newman's motto of Truth, Beauty, and Goodness.

Servant leadership programs abound on campus. Carson-Newman's Bonner Center annually oversees some 40,000 hours of community service by students. Since 1984, Appalachian Outreach and its volunteers have performed hundreds of home repair projects throughout the region. Each year Baptist Campus Ministries sends out more than 300 fall and spring break volunteers to serve not only across Tennessee, but also nationally and internationally. Because of such efforts, Carson-Newman was recognized in 2012, earning the Presidential Award in the President's Higher Education Community Service Honor Roll, the highest federal recognition a university can receive for its involvement in community service.

Global education and broadening students' horizons are staples of the Carson-Newman experience. Scores of international students study at Carson-Newman each year while others travel from campus to study abroad. Recent abroad experiences have included trips to Australia, China, Costa Rica, France, Great Britain, Haiti, Ireland, Israel, Jordan and South Africa.

On October 18, 2012, Carson-Newman College's Board of Trustees unanimously voted to begin the process of changing the institution's name to "Carson-Newman University." The move was made to more accurately describe the institution and its offerings both at home and abroad. The name change became official on February 11, 2013.

Through the institution's name has changed, its mission remains unwavering. Its heritage is tailor-fit to the vision of Dr. O'Brien: "C-N's future will be built on the twin pillars of academic rigor and Christian excellence." Carson-Newman students learn to think, to write, to read well, and to present and enter into the give and take of argument so as to become educated citizens and worldwide servant leaders.

Undergraduate Admissions

Admission Policy

Carson-Newman University seeks students who have demonstrated the ability and motivation required to gain full benefit from a challenging program of liberal arts education in a Christ-centered context and who will contribute to the campus community as a whole. Students are considered for admission based on their academic credentials (coursework, grades attained, and ACT/SAT test scores) along with additional factors that demonstrate probability of college success at a Christian liberal arts university.

Carson-Newman University does not discriminate on the basis of race, color, gender, national origin, disability, age, genetic information, or veteran status in provision of its education policies, programs, and activities.

To be considered for admission, applicants must meet academic requirements and other admission criteria established by the University. The University reserves the right to deny admission to applicants who do not possess adequate academic preparation and/or to those who fail to meet other admission criteria. Students who are admitted are required to abide by University policies and regulations.

Carson-Newman University maintains a rolling admissions policy. Applications may be submitted for freshman admission after six semesters of completed high school coursework. Transfer students may apply for admission up to one year before the desired term of enrollment. Priority application deadline for fall admission is April 1.

Admission Status

Upon review of a student's application and supporting documents, one of the following admission decisions will be rendered:

Regular Admission - Students who meet all requirements for admission as determined by university policy.

Admission to Academic Skills Enhancement Program - Students who do not meet the freshman admissions requirements may be considered for admission to the university under the academic skills enhancement program. Students with ACT scores of 18 or below in English, Math or Reading or SAT scores of 500 or below in Evidence-Based Reading or 500 or below in Math will be required to take academic skills classes.

Conditional Admission - Students who do not meet both criteria for admission, but whose GPA is significantly higher than their ACT/SAT scores, will be admitted on the grounds that their GPA indicates significant classroom success. Such credentials are based on a sliding scale. Students admitted provisionally must meet guidelines established for satisfactory academic progress (see Academic Probation) and attend and pass the Carson-Newman Summer Bridge Program. In addition, freshmen admitted conditionally must complete all required academic skills enhancement program requirements.

Delayed Admission - A hold on the application file for the student's chosen term (as selected on the application) until credentials are received that indicate the student meets Admission requirements and is ready to be officially offered admission.

*Students who have a delayed status may be admitted by the Enrollment Management Committee. Students admitted through the Enrollment Management Committee's review must meet guidelines established for satisfactory academic progress (see Academic Probation), completed all required academic skills enhancement program requirements, and complete other recommendations and requirements as provided by the committee at the time of decision.

Denial of Admission - Student does not meet criteria for enrollment to the university.

*During the application process, some students may be referred to the Enrollment Management Committee for consideration of admission.

*For international student admission status information, see page 7.

Freshman Admission

Freshman admission decisions are based on the following:

1. High school academic record and cumulative GPA, completed through the junior year at minimum.
2. Standardized test scores (ACT or SAT). Carson-Newman University does not require the essay for standardized tests.
3. Completion of core academic credits comprising of the following:
 - 4 English
 - 3 math, including either Geometry or Algebra II
 - 3 sciences, including one physical science course and Biology
 - 3 social studies, including one history
 - 1 wellness
 - 6 additional academic credit electives chosen from foreign language, math, science, or social studies (to satisfy state graduation requirements credit totals)
4. Other factors such as:
 - Extracurricular or leadership activities
 - Special talents or skills
 - Recommendations from high school teachers and counselors and church leadership, such as pastors or youth program directors

Candidates seeking freshman admission should submit the following to the Office of Admissions:

1. Completed application for admission
2. Official high school transcript(s)
3. Official college transcript(s) (if dual enrollment credits have been attempted)
4. ACT or SAT scores (for all applicants under 30 years old)
5. List of activities/honors (optional)
6. Recommendation letters (optional)

Home Schooled Applicants

Along with the application for admission, home schooled applicants must submit the C-N Home School Information Form; an official copy of the home school transcript, showing coursework completed through the junior year; and a secondary school completion credential as provided on the admissions forms webpage, if required by state law. Home school applicants from states that do not provide a standard transcript should use the C-N Home School Transcript Template to provide an official home school transcript. The official home school transcript must be signed by the home school administrator. Home schooled applicants must also submit official ACT or SAT scores and will be evaluated based on requirements for freshman admission (above).

Transfer Admission

Transfer admission decisions are based on the following:

1. Academic record and transferable cumulative GPA in coursework taken at all accredited institutions of higher learning. A minimum cumulative college GPA of 2.0 is required for standard admission
2. Academic and disciplinary standing at current and former institutions
3. High school coursework and ACT or SAT test scores will be used to determine admission for all applicants who have completed fewer than 12 semester hours of transferable college credit

Candidates seeking transfer admission should submit the following to the Office of Admissions:

1. Completed application for admission
2. Official copies of all college transcript(s)
Applicants for transfer admission who have completed fewer than 12 semester hours of transferable credit (after high school graduation) must also submit official high school transcript(s) and ACT or SAT scores. Applicants in their first term of full-time college enrollment and have not yet earned any college credit after high school graduation will be evaluated on the basis of their high school GPA and test scores and must submit a college transcript for evaluation at the conclusion of their first term of enrollment.
3. Transfer Student Disciplinary Record Check Form

Students who do not academically qualify for standard admission may request to have their application reviewed by the Enrollment Management Committee. A personal statement and at least one letter of recommendation from a higher education faculty member, administrator, counselor, or from another related professional capable of gauging the student's character and potential for academic success must be submitted. All Committee decisions are final.

Mid-year (spring) Transfers During the Freshman Year of College:

Students who initially enroll in another higher education institution for the fall semester of a given academic year but elect to transfer to Carson-Newman University for the spring semester of their first year in college will be evaluated as a "Freshman with College Credit" transfer status. Admission decisions will be based on their high school GPA and test scores. Freshman transfer students must submit an official copy of their college transcripts at the conclusion of their fall semester and prior to matriculating for the spring term at Carson-Newman. The official college transcript will be evaluated for transfer credit.

All Mid-Year Transfers who have currently earned more than 12 college credits in non-developmental coursework:

1. Students should submit an official copy of their current official transcript showing their fall in-progress course work.
2. Students will be evaluated for early admission based on their transferable cumulative GPA if the transferable GPA is 2.5 or higher at the time of application.
 - a. If a student has a GPA of cumulative 2.49 or lower, the student is not eligible for early admission because of his/her academic performance during their final term at the current institution for the current academic term could lower the GPA below the required threshold for admission. In these cases, the admission decision will be made after the final official transcript indicating fall term grades is received.
 - b. If a student has a 2.5 or higher transferable cumulative GPA, the student is eligible for early admission to Carson-Newman University with the specific condition that the student must submit an official copy of their final transcript prior to matriculating. Final enrollment status will be determined after receipt of the official transcript indicating grades for all terms of enrollment at the current institution

NOTE: Institutional gift aid (scholarships and grants) will be determined at the time of acceptance for all transfer students and will be based on the transferable GPA at the time of acceptance.

Carson-Newman University Transfer Credit Policies

Students who transfer to Carson-Newman University having earned an Associate of Arts or an Associate of Science degree from an accredited post-secondary institution have satisfied the Carson-Newman liberal arts core with the exception of LA 102, REL 101, and REL 102. Students will still be required to meet the requirements specified by their chosen major to complete their course of study at Carson-Newman.

Carson-Newman University accepts transfer credit from accredited colleges and universities and endorses the guidelines for transfer of credit as outlined in the "Joint Statement of the Transfer and Award of Credit" developed by the American Association of Collegiate Registrars and Admissions Officers (AACRAO) and the Council for Higher Education Accreditation (CHEA). Courses recommended by the American Council of Education (ACE) are evaluated on a course by course basis. Some courses must be authorized for acceptance by a department chair.

Carson-Newman University accepts transfer credit from other institutions for courses which are essentially equivalent to courses offered at Carson-Newman University.

Elective credit may be granted for courses from academic disciplines in which Carson-Newman University offers coursework, as long as the courses are reasonably applicable to a baccalaureate degree and do not violate another University policy.

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Credit for technology or skill-oriented courses is not accepted, unless Carson-Newman University offers similar courses, e.g. music performance.

Credit for institutionally specific courses, e.g. chapel or convocation, etc., is not accepted.

Credit for freshman seminar courses may be granted as interdisciplinary course credit depending upon evaluation of the course content from the transferring institution.

Credit for courses considered developmental or remedial is not accepted.

Credit from institutions not accredited by a regional accreditation agency is generally not accepted, unless a recommendation is made by a Carson-Newman University department chair or unless the institution has gained recognition through AACRAO (American Association of Collegiate Registrars and Admissions Officers). The student may petition for credit from unaccredited institutions.

All grades are recorded for courses which are accepted for transfer. Grades are recorded on a 4.0 grading scale. Plus and minus quality points are not computed in the transfer grade point average. Grades from other institutions will be replaced only when the course is repeated.

Courses transfer with the hours and level from the original institution. Therefore, a course may satisfy a content requirement, but may not satisfy other Carson-Newman University requirements. (For example, a minimum 36 semester hours numbered 300 or higher and taken at a 4-year institution are required for graduation.) Department chairs may review transferred courses and equate them as equivalent to and counting within the required upper division level hours on a case-by-case basis.

Some academic departments may have specific requirements which are more restrictive. In these cases, the department chair should be contacted for more information.

Class standing of transfer students is determined by the number of hours accepted for transfer to Carson-Newman University.

The complete transfer policy of credit is available at www.cn.edu under the Office of the Registrar webpage or contact the Office of the Registrar at 865-471-3240 to request a copy.

Time Limit on Transfer Credits

Courses meeting the Liberal Arts Core requirement do not have a time limit for traditional undergraduate programs. Courses used for elective credit toward the total number of hours required for the degree do not have a time limit. Courses meeting major requirements for the Bachelor of Arts, the Bachelor of Music, or the Bachelor of Science taken more than 15 years prior to the enrollment at Carson-Newman University will transfer only with departmental approval. An exception to this policy may be granted with approval of the department chair for the program in which the student plans to major. In certain courses, current knowledge is essential, and the department chair may impose a time limit on the applicability of earned credit toward satisfying a degree requirement. In this instance, the course may be used as elective credit toward the total number of hours required for the degree, but the student will have to repeat the course at Carson-Newman University to earn the credit for the major requirement.

Pre-requisite courses for the nursing major, i.e., general chemistry, anatomy and physiology, nutrition, microbiology, human development, and statistics must have been earned within ten (10) years of the date of enrollment in the program. All nursing coursework completed at another institution must be approved by the Nursing Admission and Progression Committee in order for credit to be awarded toward the major at Carson-Newman University.

Tennessee Transfer Pathways and Articulation Agreement

Carson-Newman University has established articulation agreements and transfer pathways for students who complete an associate degree from a Tennessee community college prior to beginning their enrollment at Carson-Newman University. Students who transfer to Carson-Newman University having earned an Associate of Arts or an Associate of Science degree from an accredited post-secondary institution have satisfied the Carson-Newman liberal arts core with the exception of LA 102, REL 101, and REL 102. Students will also be required to meet the specific Liberal Arts Core Requirements specified by their chosen major to complete their course of study at Carson-Newman.

Students who follow the prescribed transfer pathway will streamline their educational journey and satisfy many components of their pursuit of a bachelor's degree without taking additional unnecessary coursework and often transfer credit into their academic major at Carson-Newman. Following an articulation agreement or transfer pathway prior to admission will allow a student to graduate with a bachelor's degree from Carson-Newman University upon completion of any remaining required major, liberal arts, or elective hours from Carson-Newman.

Carson-Newman University has active articulation agreements with Georgia Military Institute, Marion Military Institute, New Mexico Military Institute, Pellissippi State Community College, and Valley Forge Military College.

Additional information on transfer pathways can be found on the Admissions website at this link: <http://www.cn.edu/admissions/undergraduate-admissions/admission-requirements/transfer-admission/tennessee-transfer-pathways>.

Tennessee Reverse Transfer

Tennessee Reverse Transfer is a process that allows a student who completed a minimum of 15 hours at a participating Tennessee Board of Regents (TBR) community college and enrolled at Carson-Newman University before completing an associate degree to transfer their credits earned at Carson-Newman back to their community college. A reverse transfer potentially allows these students to be awarded an associate degree by their community college while also meeting bachelor's degree requirements at Carson-Newman. For more information, see <http://www.cn.edu/admissions/undergraduate-admissions/tennessee-reverse-transfer>.

Enrollment Requirements for Freshman and Transfer Students

Enrollment Fee/Deposit: \$200.00 enrollment fee/deposit (\$100 covers registration/orientation costs and \$100 is a deposit on the C-N student account) must be submitted to the Office of Admissions prior to enrollment. The request for the enrollment fee will be listed in the acceptance letter and on the student application portal. Priority for class registration and residence hall room assignments is based on date fee is received. The enrollment fee is non-refundable if admission offer is canceled after May 1 or if fee is submitted after May 1 for fall and summer semesters (after December 1 or submitted after December 1 for spring semester). Enrollment fee refund requests (or cancellation of acceptance offer) must be submitted to the Office of Admissions.

Immunization Form: All students must submit proof of proper immunizations (those born before 1957 are exempt). Immunizations can be obtained from a family physician or a local health department. Appropriate forms are provided by the Office of Admissions or by the C-N Health

Services for the preceding information. Any questions or appeals because of extenuating circumstances related to immunization requirements must be filed with and approved by the Director of Health Services prior to enrollment. A physical examination is not required.

Final Official Transcript: Entering freshmen must submit a final, official transcript which shows 8 semesters of coursework and graduation date. Transfer students must submit final, official transcripts from all colleges and universities attended.

Residence Hall Application: All students who wish to live on campus must submit a residence hall application prior to enrollment. Resident hall applications are online, and links are provided by the Office of Admissions upon acceptance to the University. Applications should be submitted to the Office of Admissions or to the Office of Residence Life. In order to receive a residence hall assignment, students must submit both the Residence Hall application and the Enrollment Fee/Deposit.

Off-Campus Living Form: Students who wish to live off-campus must complete the Off-Campus Living Form online and receive permission from Residence Life to live off-campus.

Forms should be submitted to the Office of Admissions.

Readmission for Carson-Newman Students Who Have Not Enrolled at Another Institution

Students who have previously attended Carson-Newman University but have ceased to be enrolled for a full semester or longer (excluding summer) must apply for readmission. Students who have graduated and wish to re-enroll for a second undergraduate or non-degree seeking set of preparatory undergraduate/post-baccalaureate coursework must apply for readmission. All students applying for readmission must clear any previous holds or issues with Carson-Newman University before they are eligible to be re-enrolled. Submitting an application for readmission will automatically result in all of the relevant offices in the readmission process being notified of the student's intent to return so that they may make the admission staff aware of any potential issues that the student may need to resolve. Students who have not attended any other institution after ceasing to be enrolled at Carson-Newman and wish to be evaluated for readmission must submit an online Readmission Application Form.

The priority deadline for applying for readmission is one month before each semester begins. International students applying for readmission are required to submit an application at least one month prior to the beginning of the next enrollment term. Students who have been readmitted may contact the Office of Admission for class registration information.

* Students who are re-admitted to the University after Academic Suspension will be automatically placed on Academic Probation (see Academic Standing).

Re-Enrollment for Former Carson-Newman Students Who Enrolled at Another Institution and Wish to Return

Students who previously attended Carson-Newman University who transferred to another institution but wish to return to Carson-Newman must complete the following process:

1. Complete the application for transfer admission
2. Submit official copies of all college transcript(s)
3. Submit the Transfer Student Disciplinary Record Check Form from all institutions attended after ceasing enrollment at Carson-Newman

Returning students with transfer credit earned at another institution must clear any previous holds or issues with Carson-Newman University before they are eligible to re-enroll. Students must be approved for re-enrollment by the Office of the Registrar, the Office of Student Accounts, the Office of Financial Aid, and the Office of Student Services.

Re-enrolling students will be evaluated for admission under the standards of the academic year in which they wish to return. They will be considered as transfer applicants and are not guaranteed to receive any previous awarded financial aid. Financial Aid awards will be based on transfer status. Students who apply for readmission during their first term of enrollment at another institution may be evaluated for admission based on the student's previous cumulative GPA from Carson-Newman University. If the previously earned cumulative GPA is 2.5 or higher, the student is eligible for early readmission. If the previous cumulative GPA earned at Carson-Newman is 2.49 or below, a readmission decision may not be rendered until a final official transcript is received showing all grades received and courses attempted.

Transient Admission

A transient student is one, currently enrolled at another college or university, who wishes to take courses at Carson-Newman University for one semester and transfer the credit earned to the institution where the degree is being pursued. Students who are admitted with transient student status are not eligible for financial aid from Carson-Newman University. Students must submit:

1. Completed application for admission
2. Official transcript(s) or letter of approval from current institution's academic dean or registrar
3. Test scores are required for international students seeking to study in the undergraduate program

International Student Admission

Carson-Newman University is authorized under Federal law to enroll non immigrant students. Upon review of an international student's application and supporting documents, the Office of Admissions will provide one of the following admission decisions:

Full Admission to the Undergraduate Program: International freshmen or transfer students who meet all requirements for admission into the undergraduate program including English language proficiency.

Conditional Admission to the Undergraduate Program: International freshmen or transfer students who are academically eligible to enter the undergraduate program but who do not meet the University's required English language proficiency requirements. Students who do not meet the required English language proficiency for full admission to Carson-Newman University but who are academically eligible may be considered for conditional admission. If students are admitted conditionally, they will be required to attend the English Language Institute until they receive the appropriate TOEFL score, IELTS score, EIKEN STEP score, or a recommendation from the English Language Institute and the Carson-Newman University Department of English.

English Language Institute Admission: International students who wish to enroll in the University's ELI Program for English language studies only.

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Freshman International Student admission decisions are based on the following:

1. Academic record and cumulative GPA (high school graduation or its equivalent). U.S. grade point average minimum is 2.0. High school transcripts can be evaluated by Carson-Newman University. For faster processing, a professional course-by-course evaluation with GPA of the completed studies is recommended but not required. A list of evaluating agencies is available at www.cn.edu.
2. Test Scores*
Non-Native English Speaker (must submit one of the following):
TOEFL score: 74 iBT (internet-based)
IELTS score: 6
EIKEN STEP score of Level 1 with a compulsory math placement exam P
PTE Academic: 59

* A TOEFL score of 74 iBT (internet-based), IELTS score of 6, or EIKEN STEP score of Level 1 will allow acceptance to the undergraduate program. Students who do not meet the required English language proficiency for full admission to Carson-Newman University but who are academically eligible may be considered for conditional admission. If students are admitted conditionally, they will be required to attend the English Language Institute until they receive the appropriate TOEFL score, IELTS score, EIKEN STEP score, or a recommendation from the English Language Institute and the Carson-Newman University Department of English.

Candidates for freshman admission should submit the following to the Office of Admissions:

1. International CNU online application for admission
2. Non-refundable \$100 application fee U.S. dollars
3. Official high school transcript(s) in both the native language and English from all secondary schools
4. Official university transcript(s) (if applicable*)
5. Standardized tests scores (listed above)
6. Immunization Form: All students must submit proof of proper immunizations and a recent physician's examination. Immunizations can be obtained from a family physician or a local health department. Any questions or appeals because of extenuating circumstances related to immunization requirements must be filed with and approved by the Director of Health Services prior to enrollment.
7. Confirmation of Financial Support: This form must be completed by the individual (student and Parent or sponsor) affirming the availability of financial resources to pay for the student's expenses while attending Carson-Newman University. An official of a bank or other financial institution must complete the appropriate section of this form. Supporting documents from such institutions must also be submitted.
8. Residence Hall Application: All students who wish to live on campus must submit a residence hall application. In order to receive a Resident Hall assignment, students must submit both the Residence Hall application and the Enrollment Fee/Deposit. If a student desires to live off campus, they must meet proper requirements and they must submit an off campus residence application.
9. Choice of Major Form: All students must complete and submit a Choice of Major form.
10. Copy of Passport: All students seeking issuance of a Form I-20 must submit a photocopy of the photo page of their passport prior to being issued a Form I-20.
11. Application for Issuance of Form I-20: All students seeking issuance of a Form I-20 must submit a completed Application for Issuance of Form I-20. This form will serve as verification of the mailing address the student wishes his/her Form I-20 to be sent.

*Official transcripts in both the native language and English from all secondary schools and universities attended. For transfer credit all university transcripts must also be accompanied by a professional, course-by-course evaluation of the completed studies. A list of evaluating agencies is available at www.cn.edu.

Transfer International Student admission decisions are based on the following:

1. Academic record and cumulative GPA in coursework which is transferable to Carson-Newman University. U.S. grade point average minimum is 2.0. Official transcripts in both the native language and English from all secondary schools and universities attended must be submitted. For transfer credit all university transcripts must also be accompanied by a professional, course-by-course evaluation of the completed studies. A list of evaluating agencies is available at www.cn.edu.
2. Academic and Disciplinary Standing at current and former institutions
3. High School coursework (for applicants who have completed fewer than 12 semester hours of transferable college credit)

* International transfer students must meet the same English proficiency standards for Freshman International Student admissions (see # 2 above).

Candidates for transfer admission should submit the following to the Office of Admissions:

1. International application for admission
2. Non-refundable \$100 application fee U.S. dollars
3. Official transcript(s) in both the native language and English from all secondary schools
4. Immunization Form: All students must submit proof of proper immunizations and a recent physician's examination. Immunizations can be obtained from a family physician or a local health department. Any questions or appeals because of extenuating circumstances related to immunization requirements must be filed with and approved by the Director of Health Services prior to enrollment.
5. Confirmation of Financial Support: This form must be completed by the individual (student and Parent or sponsor) affirming the availability of financial resources to pay for the student's expenses while attending Carson-Newman University. An official of a bank or other financial institution must complete the appropriate section of this form. Supporting documents from such institutions must also be submitted.
6. Residence Hall Application: All students who wish to live on campus must submit a residence hall application. In order to receive a Resident Hall assignment, students must submit both the residence hall application and the Enrollment Fee/Deposit. If a student desires to live off campus, they must meet proper requirements and they must submit an off campus residence application.

7. Choice of Major Form: All students must complete and submit a Choice of Major Form.
8. Copy of Passport: All students seeking issuance of a Form I-20 must submit a photocopy of the photo page of their passport prior to being issued a Form I-20.
9. Application for Issuance of Form I-20: All students seeking issuance of a Form I-20 must submit a completed Application for Issuance of Form I-20. This form will serve as verification of the mailing address the student wishes his/her Form I-20 to be sent.

*Transfer applicants who have completed fewer than 12 semester hours of transferable college credit (after high school graduation) must also submit official high school transcripts and test scores as listed above the freshman requirements.

*For transfer credit all students who have studied at an international college or university must submit an official, certified course-by-course evaluation. A list of evaluating agencies is available at www.cn.edu.

English Language Institute admission decisions are based on the following:

1. Academic record and cumulative GPA (minimum of high school graduation or its equivalent). U.S. grade point average minimum is 2.0. High school transcripts can be evaluated by CNU. For faster processing, a professional course-by-course evaluation with GPA of the completed studies is recommended but not required. A list of evaluating agencies is available at www.cn.edu.

Candidates for English Language Institute admission should submit the following to the Office of Admissions:

1. International application for admission
2. Non-refundable \$100 application fee U.S. dollars
3. Official transcript(s) in both the native language and English from all secondary schools
4. Official university(s) transcripts (if applicable)
5. Standardized test scores (if available but not required)
6. Immunization Form: All students must submit proof of proper immunizations and a recent physician's examination. Immunizations can be obtained from a family physician or a local health department. Any questions or appeals because of extenuating circumstances related to immunization requirements must be filed with and approved by the Director of Health Services prior to enrollment.
7. Confirmation of Financial Support: This form must be completed by the individual (student and Parent or sponsor) affirming the availability of financial resources to pay for the student's expenses while attending Carson-Newman University. An official of a bank or other financial institution must complete the appropriate section of this form. Supporting documents from such institutions must also be submitted.
8. Residence Hall Application: All students who wish to live on campus must submit a residence hall application. In order to receive a Resident Hall assignment, students must submit both the Residence Hall application and the Enrollment Fee/Deposit. If a student desires to live off campus, they must meet proper requirements and they must submit an off campus residence application.
9. Copy of Passport: All students seeking issuance of a Form I-20 must submit a photocopy of the photo page of their Passport prior to being issued a Form I-20.
10. Application for Issuance of Form I-20: All students seeking issuance of a Form I-20 must submit a completed Application for Issuance of Form I-20. This form will serve as verification of the mailing address the student wishes his/her Form I-20 to be sent.

*ELI students are allowed to take some undergraduate courses appropriate to their level of English proficiency and at the discretion of the ELI Director. See English Language Institute (ELI) Program for more details.

*Upon successful completion of the ELI program, ELI students may apply for admission to the undergraduate program. The language requirement for admission will be satisfied with successful completion of the ELI program by passing the ELI exit examination and receiving written consent from both the Director of ELI and the Department of English. The admission application fee will be waived and the enrollment fee/deposit will be \$200. Otherwise, the application procedures will be the same as for any other international undergraduate student.

Enrollment Requirements for International Students

The following items must be submitted to the Office of Admissions before an international student may enroll at Carson-Newman University.

1. New Student Enrollment Fee/Deposit: \$200 (U.S. dollars) enrollment fee/deposit must be submitted to the Office of Admissions prior to enrollment and issuance of Form I-20 (for students entering the undergraduate program).
2. \$100 (U.S. dollars) enrollment fee/deposit must be submitted for students entering the English Language Institute. The request for the enrollment fee/deposit will be made after offer of acceptance.
3. Final official transcript(s): showing completed coursework and graduation date with certified English translations and professional evaluation of any university level studies must be provided.
4. Health Insurance: International student accounts are charged during the fall semester for six months of coverage and during the spring semester for the remaining six months of coverage. See cost section for current rates.

International Student Application and Required Document Submission Deadlines

For the Fall Semester: July 1

For the Spring Semester: December 1

For the Summer Semesters: February 1

All tuition, fees, and charges are payable on or before registration.

Issuance of Certificate of Eligibility (INS Form I-20): Form I-20 will be issued only after acceptance to Carson-Newman University has been granted and the University has received all required paperwork (which includes transfer release form from previously attended United States institution/F-1 sponsoring school if applicable).

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Early Admission

Applicants who have completed their junior year of high school in the top 10% of the junior class and have scores in the 90th percentile or above on college-bound norms of the ACT, SAT, or NMSQT will be considered for early admission. Applicant must be 16 years of age or older at time of enrollment. Applicants must submit documents listed as requirements for Freshman Admission.

Dual Enrollment

Carson-Newman University welcomes high school juniors and seniors who wish to earn college credit while still enrolled in a secondary school to apply for Dual Enrollment. Dual enrolled students may take up to 11 hours of credit per semester at the tuition rate of \$166 per credit hour. Hours taken beyond the 11th hour will be charged at the traditional undergraduate per hour rate.

Dual Enrollment admission decisions are based on the following:

1. Either a minimum high school GPA of 3.0 **or** a minimum high school GPA of 2.0 with a 19 or higher ACT composite score
2. High school guidance counselor approval via a signed Dual Enrollment Agreement Form

Students with a demonstrated academic deficiency (ie, having a score of 18 or below in Math or English or a demonstrated pattern of grades of C or below in that subject area) are not allowed to take Dual Enrollment courses in that subject area.

Candidates seeking dual enrollment admission should submit the following to the Office of Admissions:

1. Completed application for admission
2. Official High School Transcript(s)
 - * High school juniors must submit transcript showing completion of the sophomore year coursework
 - * High school seniors must submit transcript showing completion of the junior year coursework
3. Dual Enrollment Agreement Form

Priority Application Deadline: **May 1 for the summer sessions, July 1 for the fall semester, and December 10 for the spring semester** - In order for the admissions office to process the applications for dual enrollment, students must apply by these priority dates. If the student does not apply for admission before each deadline, the student may not be able to enroll in the class at the time needed to be dual enrolled.

Fees: Tuition for Dual Enrolled students is \$166 per credit hour with a \$10 per credit hour technology fee. The student and/or the parent/guardian is responsible for paying tuition and fees to the university on or before the first day of each academic term.

On-campus dual enrolled students should obtain a Carson-Newman student ID card and may purchase a parking decal from the Office of Public Safety. The parking decal is an annual cost of \$40. Tennessee students are encouraged to work with the financial aid office and to utilize the TN Dual Enrollment Grant to cover or significantly offset their Dual Enrollment tuition expense.

Class Registration: After a student is accepted for Dual Enrollment, the Director of Transfer and Dual Enrollment will help them develop a schedule and register for appropriate courses. Students who wish to dual enroll should contact the Dual Enrollment representatives in the Office of Admissions at 865-471-4652 for additional information.

Books for Dual Enrollment Courses: Students are responsible for ordering/purchasing dual enrollment course textbooks either online or directly from the Carson-Newman Bookstore.

Financial Aid: Dual enrolled students will not qualify for federal or institutional financial aid, but eligible Tennessee residents may qualify for the Tennessee Dual Enrollment Grant. Please visit www.tn.gov/collegepays.com for more information.

Audit Admission

Applicants who wish to participate in credit courses for the learning experience only (without earning credit) may apply for admission in an audit status. Cost is one half of the tuition rate per credit hour. Applicants must submit an application for admission and high school or college transcripts. Auditors may enroll in classes upon instructor approval on a space-available basis.

Post-Baccalaureate Admission

Candidates, who have obtained a bachelor's degree and wish to enroll in coursework seeking a second degree, teacher certification or health professions preparation, may apply for post-baccalaureate admission. Graduates of Carson-Newman University must complete a readmission application. Candidates who do not have an undergraduate degree from Carson-Newman University must submit an application for admission and official college transcripts.

Candidates who possess a baccalaureate degree and wish to enroll at Carson-Newman University as a non-degree seeking student may apply for admission as a post-baccalaureate student. Applicants must submit an application for admission, and official college transcripts. Students who are admitted as post-baccalaureate non-degree seeking students are not eligible for financial aid from Carson-Newman University.

GED or HiSet Admission

Carson-Newman can receive applications from and admit students who do not have a high school diploma if they have successfully passed a GED or Tennessee HiSet exam. Unless student applicants can provide the college entrance exam scores demonstration academic proficiency in English and Mathematics, students admitted on the basis of a high school equivalency exam will be enrolled in academic enhancement sections of introductory English and Mathematics courses to provide additional support.

Admission Appeal Process

If a student wishes to appeal the undergraduate admission decision, he or she should submit a written letter of appeal to the proper Admissions Representative. The Admissions Representative, in consultation with the Enrollment Management Committee, will render a decision for the student. If the student is denied admission by the Enrollment Management Committee and wishes to appeal the decision, he or she should submit a written appeal to the Provost.

A student who wishes to appeal admission after suspension from the University must follow the guidelines listed under the Academic Suspension section.

Academic Forgiveness/Fresh Start

Reception of Academic Forgiveness Plans Issued by Another Institution

Carson-Newman University will honor an academic forgiveness granted by another regionally accredited post-secondary institution so long as the academic forgiveness or fresh start is clearly noted on the official transcript from the previous institution. Carson-Newman will use the previous institution's calculation of the student's GPA (after the fresh start) to establish the student's transferable GPA for the purposes of admission and academic merit scholarship eligibility. The student is required to submit official copies of college transcripts from all post-secondary educational institutions previously attended even if those credits were forgiven via academic forgiveness or fresh start from the previous institution. This policy is independent of financial aid regulations. All coursework attempted will still be incorporated into financial aid satisfactory academic progress calculation as per federal regulatory requirements.

All remaining courses for the current degree objectives must be completed at Carson-Newman University. No transient or additional transfer credit will be accepted for those who transfer into Carson-Newman after a previously granted academic fresh start is accepted by the institution.

Students so admitted will be assessed for admission and financial aid academic merit scholarships based on the transcribed GPA from the institution they most recently attended.

Academic Fresh Start Policy for Transfer Students

Carson-Newman University recognizes that some students may have attempted to pursue a college education in the past and, due to unfortunate life circumstances, have a cumulative collegiate GPA that is not reflective of their academic abilities or personal capability. If the student has not been enrolled in a post-secondary education institution for a period of 4 calendar years (48 months) or longer since their last previous term of enrollment, a student who attended another post-secondary institution may appeal for an academic fresh start during their admission process.

If the student's cumulative collegiate GPA is below the requirement for transfer admission, they must appeal to the Enrollment Management Committee to pursue admission to the university and, if they so desire, submit an appeal for an academic fresh start. Students so admitted will be required to enroll full-time, will be admitted on academic probation, and must create a success plan with the Office of Student Success. Students so admitted will be required to make a C or better in all courses in their first semester at Carson-Newman. At the conclusion of that semester, the previously applied for academic fresh start will be granted as defined below.

At the successful completion of their first semester the academic fresh start can be granted by the institution and up to 24 hours of previously attempted unsuccessful coursework may be forgiven. Students are not eligible for an academic fresh start at Carson-Newman if the student has already been previously granted an academic forgiveness according a similar provision at any other institution of higher education. A student who has been granted an academic fresh start at Carson-Newman in the past is not eligible for a second opportunity. Students who have earned an associate or baccalaureate degree are not eligible for academic fresh start.

The student's permanent academic record will include the statement "Granted Academic Fresh Start" and the effective date on the student's Carson-Newman transcript. Students will retain all previously earned grades of C or better from their academic history and these will be incorporated into their institutional GPA calculation.

All remaining courses for the current degree objectives must be completed at Carson-Newman University. No transient or transfer credit will be accepted for those who transfer into Carson-Newman after a previously granted academic fresh start is issued by Carson-Newman University.

This policy is independent of financial aid regulations. All previous coursework will count in the financial aid satisfactory academic progress calculation as per the current federal regulations. Students will remain subject to federal regulatory requirements in regard to life-time limits in aid eligibility and satisfactory academic progress requirements. Students admitted on an academic fresh start plan must meet with financial aid before submitting their appeal for the fresh start to determine if their remaining aid eligibility will be sufficient assistance for them to complete their degree should a fresh start be granted.

Academic Fresh Start Policy for Students Seeking Re-Admission to Carson-Newman

Carson-Newman University recognizes that some students may have attempted to pursue a college education in the past and, due to unfortunate life circumstances, have a cumulative collegiate GPA that is not reflective of their academic abilities or personal capability. If the student originally enrolled at Carson-Newman, was unsuccessful, and has not been enrolled in any other post-secondary educational institution, and has not been enrolled at Carson-Newman for a period of 4 calendar years (48 months) or more since their last previous term of enrollment, they may appeal for an academic fresh start along with their application for re-admission.

Re-admit students seeking an academic fresh start must appeal to the Enrollment Management Committee to pursue re-admission to the university and, if they so desire, submit an appeal for an academic fresh start. Students so admitted will be required to enroll full-time, will be admitted on academic probation, and must create a success plan with the Office of Student Success. Students so admitted will be required to make a C or better in all courses in their first semester at Carson-Newman. At the conclusion of that semester, the academic fresh start will be granted as defined below.

At the successful completion of their first semester the academic fresh start can be granted by the university and up to 24 hours of previously attempted unsuccessful coursework may be forgiven. A student who has been granted as an academic fresh start at Carson-Newman in the past is not eligible for a second opportunity. Students who have earned an associate or baccalaureate degree are not eligible for academic fresh start.

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The student's permanent academic record will include the statement "Granted Academic Fresh Start" and the effective date on the student's Carson-Newman transcript. Students will retain all previously earned grades of C or better from their academic history and these will be incorporated into their institutional GPA calculation.

No transient or additional transfer credit will be accepted for those who transfer into Carson-Newman after a previously granted academic fresh start is issued by Carson-Newman University.

This policy is independent of financial aid regulations. All previous coursework will count in the financial aid satisfactory academic progress calculation as per the current federal regulations. Students will remain subject to federal regulatory requirements in regard to life-time limits in aid eligibility and satisfactory academic progress requirements. Students admitted on an academic fresh start plan must meet with financial aid before submitting their appeal for the fresh start to determine if their remaining aid eligibility will be sufficient assistance for them to complete their degree should a fresh start be granted.

Credit by Examination

There are several college approved testing programs whereby students can establish proficiency in subject areas. Students may not receive credit by examination once college coursework has been attempted in the subject area. Credit for coursework by examination will be added to a student's transcript only during the period in which a student is pursuing a degree at Carson-Newman University. Credit earned by examination is limited to a maximum 32 hours. Approved programs are:

Departmental Examinations - Students who can provide supporting evidence demonstrating achievement in a subject offered by Carson-Newman University may be able to receive credit by **departmental examination**. Arrangements for these examinations should be made with department chairs. The fee for departmental examinations is \$10 per credit hour, excluding nursing exams.

College Entrance Examination-Advanced Placement (CEEB-AP) Test - Credits earned by an advanced placement examination may be used to meet liberal arts core requirements for degrees offered at Carson-Newman University.

A student with course credit posted on an official college transcript awarded by an institution earned by recommended advanced placement (AP) or CLEP scores will be awarded credit at Carson-Newman. To qualify for this provision the student must have a minimum 2.5 cumulative college grade point average and at least 30 hours of college credit not earned from credit by exam (AP, CLEP, DANTES, etc). Students who do not meet these criteria will have their AP or CLEP credit assessed on the basis of freshman admission criteria and the required score per subject area specified in this catalog.

Students with high performance levels in English, math, chemistry or another high school subject may bypass the required courses by taking the **College Entrance Examination Board-Advanced Placement (CEEB-AP) Test**. Advanced Placement tests are administered at high schools. Scores should be sent directly to the Office of the Registrar at Carson-Newman University. Carson-Newman University grants advanced placement and credit for a score of 4 or 5 on each CEEB-AP examination, subject to department approval. Some departments will award credit for a score of 3. Departments will determine if the advanced placement credit may be part of the major sequence. The fee for establishing CEEB credit at Carson-Newman University is \$10 per credit hour.

Advanced Placement Examinations	Score	C-N Equivalency	C-N credit hours
American Government and Politics	3, 4, or 5	Political Science 102	3
Biology	4 or 5	Biology 101	3
Calculus AB	4 or 5	Mathematics 151	3
Calculus BC	4 or 5	Mathematics 151 and 152	6
Chemistry	4 or 5	Chemistry 103 and 104	6
Comparative Government and Politics	4	Political Science general education	3
Computer Science A	3	Computer Science 107	3
Computer Science AB	3	Computer Science 107	3
Computer Science Principles	3	Computer Science 210	3
Economics: Macro	4 or 5	Economics 220	3
Economics: Micro	4 or 5	Economics 210	3
English Language/Composition	4 or 5	English 101	3
Environmental Science	4 or 5	Biology 102	3
European History	4 or 5	History 334	3
Human Geography	4 or 5	Geography elective	3
Music Theory	4	Music 111	3
Music Theory	5	Music 111, 112	6
Physics 1: Algebra based	4 or 5	Physics 103	4
Physics 2: Algebra based	4 or 5	Physics 104	4
Physics C: Mechanics	4 or 5	Physics 201	4
Physics C: Electricity and Magnetism	4 or 5	Physics 202	4
Psychology	4 or 5	Psychology 101 or 102	3
Spanish	3	Spanish 123	3
Spanish	4	Spanish 123 and 201	6
Spanish	5	Spanish 201 and 202	6

Statistics	4 or 5	Mathematics 201	3
U.S. History	4	History 201	3
U.S. History	5	History 201 and 202	6
World History	4	History 133	3
World History	5	History 133 and 134	6

The College Level Examination Program (CLEP) - CLEP is designed to measure knowledge acquired through non-traditional means, i.e., the workplace, as well as through formal study. Carson-Newman University grants credit according to the following provisions:

1. CLEP credit is limited to introductory courses.
2. CLEP credit is given only for subject examinations. (Students seeking English composition credit must pass both the essay and objective sections of the subject examinations entitled College Composition Modular.)
3. CLEP credit may be given for scores that are equal to or exceed the ACE recommended score of 50 on each approved exam.
4. The fee for establishing CLEP credit at Carson-Newman University is \$10 per credit hour.

CLEP Subject Examinations	Score	C-N Equivalency	C-N credit hours
American Government	50	Political Science 101	3
Biology	50	Biology 101	3
Calculus with Elementary Functions	50	Mathematics 151	3
College Algebra	50	Mathematics 120	3
Financial Accounting	50	Accounting 201	3
College Composition Modular	50	English 101	3
(Essay to be graded by Department of English and combined scores will determine if credit is granted.)			
History of the United States I: Early Colonization to 1877	50	History 201	3
History of the United States II: 1865 to the Present	50	History 202	3
Human Growth and Development	50	Psychology 206	3
Humanities	50	Humanities general education	3
Information Systems and Computer Applications	50	Computer literacy general education	3
Introduction to Educational Psychology	50	Education elective	3
Introductory Business Law	50	Business Administration 301	3
Introductory Psychology	50	Psychology 101	3
Introductory Sociology	50	Sociology 101	3
Pre-Calculus	50	Mathematics 125	3
Principles of Marketing	50	Marketing 300	3
Principles of Microeconomics	50	Economics 210	3
Principles of Macroeconomics	50	Economics 220	3
Trigonometry	50	Mathematics 125	3
Western Civilization I: Ancient Near East to 1648	50	World History general education	3
Western Civilization II: 1648 to present	50	World History general education	3

For further information about CLEP tests, visit the web www.collegeboard.com/highered/clep/index.html, or write to: **College Level Examination Program, Box 1821, Princeton, NJ 08540**

International Baccalaureate - Credit will be awarded to those students who score 5 or higher on the Higher-Level examinations in transferable subjects. Lower-division (100-200 level) credit from 3-8 hours will be awarded per examination, subject to the review and approval of the appropriate department, with a maximum award of 32 hours. Credit is NOT awarded for completion of Subsidiary Level Examinations.

Academic Credit Through the Military

Military registry transcripts are required of all beneficiaries in undergraduate studies who have military service. Veterans of the U.S. Armed Services, and members of the military reserve, may receive **up to 40 hours of academic credit for military training** based on recommendations of the American Council of Education. Credit is evaluated based on applicability to the declared major or degree of pursuit. If the declared major or degree changes after the veteran enrolls, the University reserves the right to re-evaluate military transfer credit and add or remove credit as it applies to the declared major of pursuit. Consult the University Registrar or the Military Services Coordinator for more information.

Veterans with Army, Navy, Marine Corps, or Coast Guard training must request and submit a Joint Services Transcript. Air Force veterans must submit an official transcript from the Community College of the Air Force (CCAF).

Costs 2020-21

Following is a list of the major expenses which a student can incur at Carson-Newman University. Tuition and fees for full-time students cover the basic costs (excluding special course fees).

The University reserves the right, beginning any term, to change its charges for tuition, fees, room and board without advance notice prior to such change.

Tuition, Room and Board

Basic Costs	Per Semester	Per Year
Tuition (12-17 hours)	\$14,100	\$28,200
Tuition (less than 12 hours)	\$1,175 per credit hour	
Tuition (over 17 hours)	\$880 per credit hour	

Basic Costs	Per Semester	Per Year
Technology Fee		
Full-time	\$320	\$640
Part-time	\$160	\$320
Student Activity Fee		
Full-time	\$330	\$660
Part-time	\$225	\$450
Books (estimate)	\$700	\$1,400
Room damage deposit and resident life fee (\$75 non-refundable)	\$150 per year	

Other Fees

Advanced placement/credit by exam (excludes nursing exams)	\$10 per credit hour
Auto registration	\$40 for year

Course audit is one half of tuition rate per credit hour (undergraduate on campus courses only)

Course change (drop/add)	\$10
Enrollment fee for new students	\$200
Health Insurance for International Students (estimate)	\$1,752
Late enrollment confirmation and registration fee	\$25
(Assessment based on registration completion date assigned/determined by Student Accounts)	
Private music lessons	
One 30-minute lesson per week	\$100
Two class sessions per week	\$200
Returned check fee	\$25
Student teaching fee	\$400

Organizational Leadership Tuition	\$350 per credit hour
Technology fee	\$25 per credit hour
BBA (Bachelor in Business Administration) Tuition	\$350 per credit hour
Technology fee	\$25 per credit hour
RN/BSN Tuition	\$350 per credit hour
Technology fee	\$25 per credit hour
Dual Enrollment Tuition	\$166 per credit hour
Technology fee	\$10 per credit hour
Senior Citizen (non-degree seeking only)	\$50 per credit hour (limit one course)

Room Costs

	Per Semester	Per Year
<u>Women's Residence Halls</u>		
Alumni Traditional 2-Person Room		
With Double Occupancy	\$1,775	\$3,550
With Single Occupancy (Private)	\$2,520	\$5,040
Burnett Traditional 2-Person Room		
With Double Occupancy	\$1,495	\$2,990
With Single Occupancy (Private)	\$2,135	\$4,270
Swann Traditional 2-Person Room		
With Double Occupancy	\$1,775	\$3,550
With Single Occupancy (Private)	\$2,520	\$5,040
Single-Person Room	\$2,060	\$4,120
<u>Men's Residence Halls</u>		
Heritage Hall Traditional 2-Person Room		
With Double Occupancy	\$1,495	\$2,990
With Single Occupancy (Private)	\$2,135	\$4,270
Not available for first year students		
Butler Traditional 2-Person Room		
With Double Occupancy	\$1,775	\$3,550
With Single Occupancy (Private)	\$2,260	\$4,520
Single-Person Room	\$2,260	\$4,520
<u>Appalachian Commons</u>		
Appalachian Commons Apartment Complex:		
Standard 4-Bedroom With 4-Person Occupancy	\$2,200	\$4,400
Standard 2-Bedroom With 2-Person Occupancy	\$2,555	\$5,110

Meal Plans

	Per Semester	Per Year
Residential:		
Unlimited meal plan*	\$2,580	\$5,160
12 meal plan (any 12 meals weekly)*	\$2,305	\$4,610
Commuter:		
100 meal/semester block plan (Available Only to Appalachian Commons Residents and Commuters)**	\$1,310	\$2,620
40 meal/semester commuter block plan (Commuters Only)**	\$675	\$1,350

*Includes initial \$100 declining-balance (Eagle bucks) account per semester.

**Includes initial \$250 declining-balance (Eagle Bucks) account per semester.

You can add \$25 increments for Eagle Bucks by paying with cash, check, money order, debit card, or credit card online or in person in the cafeteria (see dining services).

All charges must be paid in full on or before final registration.

All fees and charges are subject to change.

18 Costs

Senior Citizens

Citizens over the age of 65 who are non-degree seeking may take one course per term for \$50 per credit hour. This rate is applicable for enrollment on a space available basis, which allows registration no earlier than the day before classes begin. The audit rate policy is not applicable to citizens paying the \$50 per credit hour rate.

Costs for Mayterm and Summer Terms

Since university operating and instructional expenses are generally less during these terms, the tuition rate is reduced. Consult the summer course schedule booklet (online) for information regarding payment, refunds, and withdrawals.

Registration and Tuition Charges

Students who register for courses incur tuition charges. The student will be responsible for payment of tuition charges for course registration unless the Office of the Registrar is notified by the student to cancel his/her course registration prior to the day classes begin.

Payment for tuition and fees is due prior to the day classes begin. If, by the end of registration, a student fails to make arrangements for payment of his/her student account, the student's registration may be cancelled.

If a student makes arrangement for payment of tuition and fees after being dropped from course registration and class rolls, re-enrollment must be approved by the Student Accounts Office, the Provost, and the University Registrar. If re-enrollment is approved, the student will be subject to late registration and re-enrollment fees.

Payments

Tuition, fees, and all other costs for the semester are payable upon registration. For students with definite commitments of funds from the Office of Financial Aid, the difference between the total cost for the semester and the financial aid commitment is payable upon registration. Payment of the difference between enrollment charges and financial aid can be made by cash, personal check, DISCOVER CARD, VISA, MASTERCARD, or through the deferred payment plan. Information on this plan is mailed to all new students after acceptance for admission to Carson-Newman University and can also be obtained from the Student Accounts Office or online at www.cn.edu/payplan and select "official payment..." website. Login to official payments and choose Tennessee, Carson-Newman once logged in.

By enrolling, the student agrees to pay all expenses incurred by Carson-Newman University to collect any outstanding debt, including attorney and collection agency fees. Carson-Newman University reserves the right to report the status of any outstanding indebtedness owed to credit reporting agencies.

Each student must settle his/her account for the current semester, including library and traffic fines, infirmary charges, etc., before he/she will be eligible to enroll for a subsequent semester, or before a transcript of his/her academic record can be released by the Office of the Registrar.

Refunds

When dropping a class but not withdrawing from school:

A refund will be given to traditional undergraduate students who drop a course by the last day of the drop/add period during a regular semester. To receive a refund for a course in an accelerated module, the student must drop the course before the session begins.

When withdrawing from school:

If a student elects to withdraw after beginning attendance, the student must contact the Office of the Financial Aid to initiate the formal withdrawal process. Any situation in which all classes are dropped is considered withdrawal from the University. The date of withdrawal used to compute refunds is determined by the date of withdrawal notification and is posted on the student's record by the Office of the Registrar. The Student Accounts Office computes tuition refunds based on the University's refund policy which is as follows:

Tuition Refund Schedule for Withdrawal from the University for students in the traditional semester

During first week of semester	90%
During second week of semester	75%
During third week of semester	50%
During fourth week of semester	25%
After four weeks	0%

In other words, after the fourth week of a semester, no refund will be granted for that semester's tuition.

If a student with federal (Title IV) student financial aid withdraws, drops out of school, or is dismissed from the University, the Office of Financial Aid will calculate the portion of federal aid that has been earned and the balance that is unearned must be returned to the appropriate agency or program. Federal aid is earned based upon the student's days in attendance and has no relation to the tuition refund percentage computed above. It is important to note that federal aid may not cover all unpaid institutional charges due upon a student's withdrawal and that a Federal Direct Stafford Loan borrower will begin using the 6-month grace period after which loan repayment will begin. Federal Perkins borrowers have a 9-month grace period. For specific questions concerning the computation of earned federal aid, please contact the Office of Financial Aid. Students must be billed 100% tuition charges to earn university funded financial aid. Students eligible for a tuition refund from withdrawing will no longer qualify for university funded financial aid.

During each semester's last day to qualify for a tuition refund for dropping a course, a student may voluntarily reduce or cancel a commitment for room and board (i.e. a meal plan). Charges for board are recomputed to arrive at the amount refundable. Charge for a room is \$200.

After the semester's last day to qualify for a tuition refund for dropping a course ends, room-and-board commitments are considered non-cancelable. However, an alternative room assignment can be authorized by the Carson-Newman University Residence Life Director, and a meal plan can be changed but only to one that offers more meals per week.

If a student withdraws from the University or moves off campus after the semester's last day to qualify for a tuition refund for dropping a course ends or is dismissed from the University for disciplinary reasons, no refund will be granted for any portion of room charges.

If a student withdraws from the University or moves off campus with the permission of the Carson-Newman University Residence Life Director, the student will receive a pro-rated refund of his or her board charges only up to mid-term. After mid-term there is no refund for board charges. If a student withdraws from the University or moves off campus without the permission of the Carson-Newman University Residence Life Director or is dismissed from the University for disciplinary reasons, no refund will be granted for any portion of the board charges.

Charges for a meal plan commitment that a student voluntarily reduces during the semester's last day to qualify for a tuition refund for dropping a course or subsequently cancels by withdrawing from the University or by moving off campus with the permission of the Carson-Newman University Residence Life Director are recomputed based on the ratio of whole weeks remaining in the semester to total weeks in the semester, and a refund is paid accordingly up to mid-term. However, no refund will be paid for a partial week and no refund will be given after mid-term. Any unused portion of the declining-balance account (Eagle Bucks) is not refundable.

The unused portion of a student's declining balance (Eagle Bucks) account will be transferred from the fall to the spring semester only if the student continues to have a meal plan that includes a declining balance (Eagle Bucks) account. At the end of the spring semester, the unused balance of a declining balance (Eagle Bucks) account is forfeited. It is not refundable and cannot be transferred to any subsequent period.

The tuition refund policy for the Mayterm and summer terms are published in the Summer Schedule. For students with federal student financial aid, the portion of federal assistance that has been earned and the balance that must be returned to the payer will be determined by the Office of Financial Aid.

Damage to University Property

Failure to respect University property, including but not limited to the residence halls and any property which is not the student's, is prohibited. Residents may be required to pay restitution for any damages incurred.

Financial Aid

Financing higher education is one of the major concerns for students and parents. Carson-Newman University offers a comprehensive financial aid program that includes federal, state, and institutional resources of aid. The Office of Financial Aid at Carson-Newman University is available to assist families in completing the steps that are necessary in applying for aid. Students wishing to apply for any type of assistance must complete the Free Application for Federal Student Aid (FAFSA). This information is used in a formula established by the U.S. Congress to calculate the expected family contribution, known as the EFC. The EFC is an amount that students and families are expected to contribute towards the student's educational costs. Many types of assistance are based upon financial need, which is defined as the student's educational cost minus the EFC. The FAFSA should be completed even if students think they will not qualify, are requesting merit only awards, or are requesting loan or work-study employment. In addition, to receive assistance from federal student aid programs, students must also be U.S. citizens or eligible non-citizens; be admitted into a degree program; and continue to make Financial Aid satisfactory academic progress (FASAP) every semester.

Carson-Newman University offers the following types of assistance: scholarships and grants, loans, and part-time employment through the work-study program. These types of assistance may be awarded individually or in combination depending upon the needs of the student and family. Priority for awarding assistance will be reserved for processed application data received on or before January 15th. The financial need of a family will also be used in priority of awarding funds as well. Notification of assistance will be in the form of an award letter and will also be available for viewing via C-N Connect at the student's convenience. New students must first apply and be accepted for admission to Carson-Newman University before an award letter is prepared. Continuing students need only to complete the FAFSA each year and maintain satisfactory academic progress. For additional information on any financial aid or scholarship program please contact the Office of Financial Aid or view online at <http://www.cn.edu/administration/financial-aid>.

How To Apply For Financial Aid:

1. Complete the FAFSA online at www.fafsa.ed.gov. FAFSAs should be submitted no later than January 15th prior to the fall semester. If a paper application is needed, students may request one directly from the U.S. Department of Education.
2. List Carson-Newman University with our federal code of 003481.
3. Once all forms have been received, a financial aid counselor will review the file for eligibility for financial aid, and an award letter notification will be generated outlining the proposed assistance.

NOTE: Federal and/or state regulations governing the application process and awarding of financial aid may change. These changes may impact the awarding and renewal of financial aid at Carson-Newman University.

Student responsibility in completing necessary forms and returning them to the Carson-Newman University Office of Financial Aid as quickly as possible cannot be over emphasized. Information and forms are available on the C-N Financial Aid website at www.cn.edu or may be obtained by writing or calling:

Office of Financial Aid	865-471-3247
Carson-Newman University	or
1645 Russell Avenue	1-800-678-9061
Jefferson City, TN 37760	

No aid is automatically renewable; all aid requires application each year. Priority deadline is **January 15th** for aid to be awarded for the following fall semester. For further information, please e-mail the Office of Financial Aid at financialaid@cn.edu or consult our website. More detailed information is also available in the *Financial Aid Handbook*, online.

Initial Eligibility and Financial Aid Satisfactory Academic Progress (FASAP):

1. Initially, to be eligible to receive financial aid, you must be admitted into an eligible program. Federal financial aid is considered renewable up to 150% of the approved program of study, provided you satisfy the standards of Financial Aid Satisfactory Academic Progress (FASAP) as outlined below.
2. You will be considered as making satisfactory progress in receiving financial aid provided that you are eligible to re-enroll at Carson-Newman and that you are making progress at a rate not less than demonstrated by the following qualitative and quantitative scales:

Qualitative

Number of cumulative credit hours attempted	1-30	31-45	46-59	60+
Minimum cumulative GPA required	1.50	1.70	1.90	2.00

Quantitative

Number of attempted fall/spring credit hours	30	24	12	9
Number of credit hours a student must earn 67% of attempted credit hours	20	16	8	6

Number of required credits to earn degree	120
Maximum number of cumulative attempted credits (150%)	180

Summer Semester: All of Carson-Newman Satisfactory Progress Standards will apply to the summer semester as well as to fall and spring. Our review to determine Satisfactory Progress will affect distribution in the summer.

FASAP Evaluation Process:

1. **REVIEW Each Term:** Review for FASAP will be conducted at the conclusion of each term, including summer. Students who are determined to be ineligible for further aid will be notified. It is your responsibility to ensure that lost eligibility is restored.
2. **WARNING Status:** Students will have one semester of WARNING on the first instance of a failed FASAP calculation. Warning notice will be sent to your CN email account if e-consent on file.
3. **UNSATISFACTORY Status:** A subsequent calculation failing FASAP will result in Financial Aid UNSATISFACTORY standing (suspension), and students will be ineligible for financial aid without a successful appeal. Unsatisfactory notice will be sent to your CN email account if e-consent on file.
4. **APPEALS FASAP:** Students may appeal an unsatisfactory status for FASAP calculation. Appeals must be made by the deadline given in each notification. Students not approved on appeal must re-gain eligibility by meeting the stated standards.
5. **PROBATION Status:** Students that filed a successful appeal from an unsatisfactory status will be granted probation in which they will be eligible for financial aid. After the probation, students must meet the standards satisfactorily to continue aid eligibility.
6. **W, F, or I Grades:** All grades of F, W, WP, WF, U, or I will not count as hours earned but will count as hours attempted.
7. **REPEATED Hours:** Repeated hours will count towards attempted hours, but may not be countable in enrollment status for the term depending upon the number of times repeated for a grade. For example, if you earned 3 hours with a grade of "D" twice, and you decided to repeat the course to earn a better grade, the repeated 3 hours will not count in your enrollment status for the term that it is a second repeat. Hence your enrollment status for the term will be calculated as: registered credit hours - second or more repeated credit hours = enrollment status for federal financial aid purposes. This is subject to change as Federal Regulations are subject to change. All attempted hours will count against your 150% of degree credits limitation.
8. **TRANSFER Credits:** Transfer credits accepted by Carson-Newman University for credit will count in attempted and in total earned hours.
9. **TELS Hope Awards:** Evaluation to determine continued eligibility for TELS Hope awards will occur upon attempting 24, 48, 72, 96, and 120 hours for coursework completed after high school graduation, and is a separate process than FASAP calculations. If you fail to meet TELS SAP, you will be sent a written notification with important information, and future TELS awards may not be available to you. Your TELS HOPE grade point average is not calculated the same as your Carson-Newman grade point average calculation. Visit our consumer page to learn more.
10. **APPEALS TELS HOPE Loss:** Students may appeal TELS HOPE loss on reasons other than grade point average.

Student Athlete and Satisfactory Academic Progress

Carson-Newman University holds membership in the South Atlantic Conference (SAC) and the National Collegiate Athletic Association (NCAA). The University conforms to all regulations adopted by this organization which stipulate that:

1. Athletes must be in academic good standing and be making satisfactory academic progress as defined by the University, SAC and NCAA.
2. Participants in intercollegiate athletics must be enrolled in a minimum 12 semester hours during the term of participation. Additional requirements relating to test scores, credits, GPA and various other issues are stated in regulations published by each of the organizations. Consult the coach and/or the Athletic Director.

Scholarships and Grants

University scholarships, grants, and awards are made possible by the generosity of funds provided from individuals, alumni, outside foundations, and other organizations. The majority of awards are coordinated by the Office of Financial Aid and based upon strong academic criteria as well as financial need. Individual academic areas administer some undergraduate scholarship programs for prospective and enrolled students. A separate

application may be required. Please refer to the scholarships, grants, and awards page of the financial aid website for more information or contact the academic area for more information.

Federal Grants

The **Federal Pell Grant** is for exceptional need students. It is a grant that does not have to be repaid. Eligibility is determined by the results of the FAFSA. Actual amount awarded may vary according to the number of hours that a student enrolls per semester. Any changes to enrollment status must be reviewed by the Office of Financial Aid. After drop period is complete, each student who is enrolled in less than 12 hours is reviewed to make sure the student is still eligible for the amount awarded. Amounts will be adjusted prior to the student receiving a refund.

The **Federal Supplemental Educational Opportunity Grant (SEOG)** is for Federal Pell Grant recipients only. It is a grant that does not have to be repaid. This award has limited funding. The award is further limited to students who are Federal Pell Grant recipients and have exceptional financial need as determined by the FAFSA. SEOG is awarded based on the availability of funds. Renewal from year to year is not guaranteed.

The **Federal TEACH Grant** is a non-need based award. This grant is for students who are pursuing teaching credentials in high need fields. The student must agree to teach for four years in a high need field and high need area. The student must score above the 75th percentile on a college admissions test such as ACT, SAT, or GRE or graduate from high school with a cumulative GPA of at least a 3.25 on a 4.0 scale or have a cumulative GPA of at least 3.25 on a 4.0 scale on college coursework to receive a grant for each subsequent term. For more info go to <https://teach-ats.ed.gov/ats/index.action>. Should the teaching requirements not be fulfilled, the grant retroactively converts to an Unsubsidized Direct Loan. Please use your best judgment when deciding to accept this award or not.

Tennessee Scholarships and Grants

The **Tennessee Student Assistance Award (TSAA)** is available for undergraduate students only. It is a grant that does not have to be repaid. Eligibility is determined by the results of the FAFSA. This award has limited funding. The award is limited to students who are Federal Pell Grant recipients and have exceptional financial need. Students must be a Tennessee resident. Actual amount of TSAA awarded is determined by the number of hours that a student is enrolled per semester. Any changes to enrollment status will be reviewed by the Office of Financial Aid. After drop period is complete, each student who is enrolled in less than 12 hours is reviewed to make sure the student is still eligible for the amount awarded. TSAA is awarded based on the availability of funds. Renewal from year to year is not guaranteed. In order to maximize your eligibility for these funds, students should file the FAFSA by the priority deadline each year. A student is also limited to eight semesters of eligibility of TSAA award.

The **Tennessee Education Lottery Scholarship (HOPE)** is awarded to students who have been a Tennessee resident for one year by September 1 of the year of application date. For students beginning spring and summer terms, residency determined by February 1 as of application date. Recipients must enroll in a TN public college, university, or private college listed on www.CollegePaysTN.com. Please visit www.CollegePaysTN.com for eligibility and renewal requirements. Students eligible for the TN HOPE scholarship may be eligible for funds from the **TN General Assembly Merit Scholarship (GAMS)** or the **TN Aspire Award (Aspire)**. Eligibility for the GAMS award will be determined by the student's weighted GPA and ACT/SAT score. Eligibility for the Aspire award is determined by information from the FAFSA. A student may only receive one award in addition to the TN HOPE Scholarship. The student will be given the largest award that he/she is eligible to receive.

The **Tennessee Promise Scholarship** is awarded to students pursuing a two year associate degree, meeting all other state guidelines, including FAFSA filing deadline, attending mandatory meeting(s), and community service requirements. The amount awarded will be determined after annual amount has been published in late summer and is reduced by TELS, TSAA, and Federal Pell Grant funding. Not all students that participate in the Tennessee Promise Scholarship program will receive monetary funding, as they are last dollars applied after TELS, TSAA, and/or Federal Pell Grant dollars.

The Tennessee Scholarships and Grants listed are not all inclusive. For more detailed information regarding all Tennessee State Grants and Scholarships available, please visit TN.GOV/collegepays.

Federal Work-Study

The **Federal Work-Study Program** provides jobs for students who have financial need and who need to earn a part of their educational expenses. Students must attend a job fair to facilitate job placement. Eligible students are placed in jobs on campus where they can work a limited number of hours per week. Jobs are available in a variety of departments across campus. The rate of pay for most jobs is at least the federal minimum wage.

Student Loans

The **Federal Direct Stafford Loan Program** provides low-interest loans. Students may be eligible for the Federal Subsidized Direct Stafford Loan or the Federal Unsubsidized Direct Stafford Loan depending on the student's remaining unmet need. Filing the FAFSA is required as well as completion of entrance requirements and a master promissory note (MPN). Students must be enrolled or admitted in a degree seeking program on at least a half-time basis.

The **Federal PLUS Loan** is a federal loan in the parent's name. If your parents are declined, you may become eligible for additional Federal unsubsidized Stafford Loan. **Federal Grad PLUS Loans** are available to graduate students only. Many times a graduate student's cost of attendance are covered through other federal loan programs. Any graduate student interested in this loan should contact the Office of Financial Aid.

Alternative loans are consumer based education loans that are not part of the federal government programs. Alternative loans may be more expensive than the federally guaranteed loans and should only be used after all other forms of financial aid have been exhausted. If you determine that an alternative loan is needed, please research your options carefully. Each lender has different fees, interest rates, and repayment options. Most alternative loans require a co-borrower. Maximum loan amounts vary depending on the amount of other financial aid you are receiving. Some lenders may defer repayment of principal until student ceases to be enrolled at least half-time.

University Gift Aid Cap Policy

University aid is considered the last gift dollars applied to the student charges. The University reserves the right to reduce, modify, or cancel awards when aid limits are exceeded, and/or the University determines at any time you are no longer eligible for the assistance. No cash credit balance refunds will be generated from University funds as the last resource.

Disbursements

All financial aid will be credited to your student account each term. For traditional semester attendance, disbursement is scheduled three weeks from the start of the term, upon confirming you have begun attendance in each class anticipated. Until the aid is disbursed to your student account, aid will be pending. Award amounts will be based upon your actual attendance in each class. For instance, if you register for 12 credit hours, but only begin attendance in 9 credit hours, your award amounts will be recalculated for 9 credit hours. It is important to begin attendance and have your schedule finalized by the last day to make a schedule change without a fee (Census date) each term.

Disbursement dates for module classes are scheduled on the first Thursday after the census date of each module.

Veterans Educational Assistance

Carson-Newman University has been approved by the Tennessee Higher Education Commission to provide programs and courses of instruction to veterans of the United States Military or dependents of deceased or disabled veterans eligible for educational benefits.

Benefit Programs

The primary entitlement programs administered by the Military Services Office:

- * Montgomery GI Bill® - Active Duty (MGIB-AD) Educational Assistance Program [Chapter 30]
- * Vocational Rehabilitation & Employment (VR&E) Program [Chapter 31]
- * Montgomery GI Bill® - Selected Reserve (MGIB-SR) Educational Assistance Program [Chapter 1606]
- * Post 9/11 GI Bill® - Harry W. Colmery Veterans Educational Assistance Act [Chapter 33]
- * Survivors' & Dependents' Educational Assistance (DEA) Program [Chapter 35]
- * Veterans Work-Study Allowance Program
- * Tennessee Support, Training and Renewing Opportunity for National Guardsman (STRONG) Act of 2017
- * Federal Tuition Assistance

Carson-Newman University has been approved by the Veterans Administration to participate in the Yellow Ribbon Program. Veterans or dependents of veterans who qualify for the Post-9-11 GI Bill® must be 100% eligible to participate in the Yellow Ribbon Program. For information on current policies for the Yellow Ribbon Program, contact a University School Certifying Official or the Military Services office. **GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA).** More information about education benefits offered by VA is available at the official U.S. government website at <http://www.benefits.va.gov/gibill>.

Policies and Procedures

Federal guidelines and regulations are specific regarding eligibility to receive veterans' educational benefits. Official decisions on eligibility are made by the VA or the appropriate government office and not the C-N Military Services Office.

Any covered individual will be able to attend or participate in the course of education during the period beginning on the date on which the individual provides to the educational institution a certificate of eligibility for entitlement to educational assistance under Chapter 31 or 33 (a "certificate of eligibility" can also include a "Statement of Benefits" obtained from the Department of Veterans Affairs' (VA) website - eBenefits, or a VAF 28-1905 form for Chapter 31 authorization purposes) and ending on the earlier of the following date: (1) the date on which payment from VA is made to the institution, or (2) ninety (90) days after the date the institution certified tuition and fees following the receipt of the certificate of eligibility.

Carson-Newman will not impose any penalty, including the assessment of late fees; the denial of access to classes, libraries, or other institutional facilities; or the requirement that a covered individual borrow additional funds, on any covered individual because of the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement funding from VA under Chapter 31 or 33.

The application for VA Educational Benefits must be completed and submitted to the Department of Veteran Affairs by the student recipient. The Notice of Benefits Eligibility (NOBE) or Certificate of Eligibility (COE) must be submitted to the School Certifying Official. Recipients who have received VA education benefits and plan to transfer to Carson-Newman University from another college must also complete and submit a Change of Program or Place of Training Application (Form 22-1995). Official transcripts from all colleges and universities attended must also be submitted in order to determine prior credit.

The Carson-Newman University VA Educational Benefits Recipient Statement of Understanding and Acknowledgment of Policies must be signed and submitted to the School Certifying Official before enrollment certifications will be processed. For additional information concerning Veterans Educational Benefits, please contact the Office of Military Services or a School Certifying Office.

Enrollment certifications are submitted *after* the eligible student has completed the registration process. Applications and all supporting documents should be submitted at least eight weeks before the start of the first semester of enrollment for the first time recipients.

Courses approved for certification are those that are required for the recipient's major and program of study. Excessive elective courses or courses in which a passing grade has been earned (except for courses in which a grade of "C" or higher is required) will not be approved for certification.

Students receiving educational benefits are responsible for notifying the School Certifying Official for any change in enrollment that would affect receipt of educational benefits. Satisfactory attendance, conduct and progress, as defined by the University, must be maintained in order to continue receiving benefits. VA Educational Benefit recipients who are placed on academic probation must meet academic progress standards in order to continue receiving VA educational benefits. A course for which a student received an "Incomplete" must be graded within one academic semester of the beneficiary will be subject to retroactive adjustment in the semester's training time, which may result in an overpayment and recovery of benefits.

All veterans, National Guard, and Army Reserve recipients must submit a copy of their DD-214 and a copy of their Joint Services Transcripts or official transcript from the *Community College of the Air Force* (CCAF) to the Office of the Registrar for evaluation of transfer credit. See “Academic Credit through the Military” in the Admissions section for more information.

Veterans Tuition and Fee Deferment

For students receiving educational assistance benefits administered and provided by the United States department of veteran affairs (USDVA) or under other governmentally/military funded educational assistance paid directly to the school will receive a deferred payment of the required tuition and fees until the student’s monetary benefits from the USDVA or other governmental agency have been received. Approval is contingent upon a student beneficiary demonstrating benefits eligibility with sufficient entitlement to cover tuition and fees and no outstanding debt to the USDVA or Carson-Newman from prior semesters. The deferred payment will be initiated with Carson-Newman Student Accounts upon the student beneficiary’s request for benefits and SCO’s certification for benefits. Deferred payment will reflect the estimated pending aid from the USDVA or other military education benefit. The student will be responsible for on-time payment of the remaining balance. Students will not be denied access to classes, registration, student services and resources due to an outstanding balance resulting from the USDVA.

The Academic Program

Student Responsibility in Meeting Degree Requirements

Responsibility for knowing and following academic requirements, including both the academic and common degree requirements for graduation, rests with the student. Academic requirements are specified for each undergraduate degree program at Carson-Newman University and these, as well as the common degree requirements, must be met before a degree is granted. Advisors, assigned to assist students in their progress toward degree completion, program directors and appropriate administrators will provide specific information concerning these requirements, but **the student alone is responsible for fulfilling them.**

The administration and faculty of Carson-Newman University believe that the educational and other programs of the University described in this catalog are effective and valuable. However, the ultimate results of programs offered in terms of achievement, employment, professional licensing, or other measure are dependent on factors outside the programs, such as the personality and energy of the student, governmental or institutional regulations, and market conditions. Therefore, except as specifically stated herein, Carson-Newman University makes no representation or contract that following a particular course or curriculum will result in specific achievement, employment or qualification for employment, admission to graduate degree programs, or licensing for particular professions or occupations.

Common Requirements for All Baccalaureate Degrees

1. **Catalog prevailing**--Graduation requirements may be met under any Carson-Newman catalog published during student’s enrollment at any post-secondary institution provided the catalog selected was published no more than 5 years prior to completion of requirements. The University reserves the right to change the requirements and/or the programs of study and to require students to meet them.
2. **Semester hours**--120 degree credit hours. Hours earned through Academic Skills Enhancement or the English Language Institute do **not** apply toward graduation.
3. **Grade point average (Cumulative GPA)**--Minimum C average (2.00 GPA) on all college work attempted. Minimum C average (2.00 GPA) on all work attempted at Carson-Newman University.
4. **Grade point average in major, minor, certificate program**--Overall C average minimum (2.00 GPA) in the major, minor, and certificate program. Some departments may require a higher GPA than the university-wide minimum.
5. **Junior/Senior credits**--Minimum **36 semester hours** of courses numbered 300 or higher and taken at a 4-year college. Sometimes a transfer course is 100- or 200-level at the college where it was taken may be equated to a specific upper-division Carson-Newman course; such courses do not count toward this requirement.
6. **Senior (four year) college credits**--Minimum 60 semester hours (applicable to transfer students from two year institutions).
7. **Community Life and Worship**--minimum attendance of 10 CLWs for each semester of enrollment at Carson-Newman University (see CLW attendance policy).
8. **Residency requirements**--Minimum 30 semester hours or 25 percent of the semester hours required for graduation, whichever is higher for baccalaureate degrees at Carson-Newman University. Senior year in residence is required (30 hours) excluding students in binary programs. Waiver of last hours in residence may be approved not to exceed 12 hours upon establishment of valid reasons provided a minimum 30 hours are completed at Carson-Newman University.
9. **Credit by examination**--32 hours maximum.
10. **Majors, minors**--A student may complete more than one major within a degree. A second major, however, is not limited to the initial degree a student is working toward and may be completed within 120 hours. A student who is working toward a BA in English, for example, may add a second major in business by completing the requirements for that major, and vice-versa. Since each major prescribes its own language requirements, the language requirement for the second major must be met if it is greater than that for the first major. Students may also elect to add one or more minors or a certificate program to complement their major(s) and achieve career goals. A minor program is not required for graduation. See **Majors, Minors Programs** in this catalog. See next page for second degree or post baccalaureate programs.
NOTE: A maximum of 48 hours toward the major discipline (excluding art and music) is allowed for a BA degree.
11. **Carson-Newman University credits in a major**--Minimum 12 hours must be completed in a major at Carson-Newman University.
12. **Carson-Newman University credits in minor** -- Minimum 6 hours must be completed in minor at Carson-Newman University.
13. **Requirements for two degrees**--Complete requirements for two of the following degrees (BA, BM, BS, or BSN) and a minimum 30 semester hours beyond 120. The additional 30 hours must be taken in residence at Carson-Newman University. Courses counted toward a major for one degree cannot be counted toward a major for a second degree. Completion of two majors under one degree does not constitute two degrees.

24 Academic Policies, Procedures, and Regulations

14. **Degree plan**--Degree plan for graduation, approved by advisor and the department chair, must be submitted to the University Registrar **prior to the completion of the semester in which the student will complete at least 90 semester hours.**
15. **Approval of graduates**--Graduates must be approved by the faculty and Board of Trustees.
16. **Commencement**--Ceremonies are held in December and May. Students completing degree requirements in the summer session may participate in the May or the December ceremony. Students must be present to receive degrees, unless sufficient reason is given and written notification is submitted to the University Registrar. Students in binary programs have degrees conferred at the next commencement after completion of a year of professional work at the cooperating institution.

In keeping with its commitment to liberal arts, Carson-Newman University requires of every student encounter with the humanities, with their emphasis on human values; the social sciences, with their perspectives in human relationships; the natural sciences and mathematics, which offer a logical understanding of life; the fine arts, which prepare for the appreciation of beauty; and the applied arts and sciences, which offer practical solutions for human problems.

A core curriculum, designated **the liberal arts core requirement**, forms the basis of this encounter (see Liberal Arts Core Requirements section). This core is a major component of all baccalaureate degree requirements. Liberal Arts Core courses provide an introduction to, or a survey of, a broad area of knowledge and skills which are essential for a well-educated person. It is the aim of the University to equip students to avoid the trap of professionalism without wisdom, to maintain a sense of curiosity throughout life, and to continue their own search for truth.

Second or Additional Bachelor's Degree

A student may earn a second or additional bachelor degree by completing the requirements for both degrees. Students must complete liberal arts courses required for both degrees and must complete major and common degree requirements for both degrees.

Second Degree Requirements when earning both degrees simultaneously

A student may earn two distant or different bachelor's degrees simultaneously provided the student satisfies all liberal arts core requirements required for each major, major courses for each degree, and common requirements for all baccalaureate degrees. The student must earn a minimum of 150 hours to be awarded two degrees.

Post-Baccalaureate Second Degree Requirements

Post-baccalaureate students who previously earned a bachelor's degree from Carson-Newman University or another regionally accredited college or university may pursue a second degree from Carson-Newman. The following requirements must be met in order for a student to receive a second baccalaureate degree after completion of the first one:

1. The student must complete a minimum of 150 hours.
2. The student must earn at least 30 hours toward the degree from Carson-Newman University.
3. The 30 credit hours taken at Carson-Newman beyond the first degree shall include at least 12 hours in the major toward the second bachelor's degree and a minimum of 15 upper level hours.
4. The student must earn a minimum grade point average of 2.0 in courses required for the major taken at Carson-Newman, a minimum institutional grade point average of 2.0, and a minimum cumulative grade point average of 2.0.
5. Courses required for the major for one degree cannot be counted toward the major for the second degree.
6. Students must meet all Liberal Arts core requirements for the second degree from the catalog prevailing.
7. The time limit on Transfer Credits Policy will be applied to students seeking a Post-Baccalaureate second degree.

Academic Policies, Procedures, and Regulations

Academic Calendar

The academic year at Carson-Newman University includes a fall and a spring semester and several accelerated terms offered during the summer. Fall and spring semesters include a minimum 15 weeks of instruction and one week of exams and a minimum of 24 credit hours for full-time enrollment. Full-time undergraduates are expected to complete a minimum of 24 semester hours during the academic year. Fall semester begins in August and ends in December. Spring semester begins in January and ends in May. The summer session includes several accelerated terms which commence after the conclusion of the spring semester and end before the beginning of the new academic year. Adult degree completion programs include modules within the semester. Please consult the academic calendar found on page three of the catalog for term dates.

The official final exam schedule is made available to students prior to the end of the semester. Students who have three exams scheduled on one day may request changing one of their exams to another day during the exam period. For more information contact the Office of the Registrar.

To be eligible for consideration of receipt of Title IV funds, an academic year is defined as completion of 24 semester credit hours during an academic calendar year.

Academic Dishonesty

Academic dishonesty may include, but is not limited to, the following: giving or receiving aid on tests; plagiarizing papers, assignments, book reviews; removing and/or copying test questions from office files. The course instructor/professor will address any incidents of suspected dishonesty. After hearing the student and considering all the evidence, this person will levy sanctions if guilt is determined. The instructor/professor will report these actions to the Provost, who shall levy any sanction more severe than the loss of course credit.

Academic dishonesty may result in sanctions including, but not limited to, an immediate F and loss of credit for the course. Additionally, the effect of these sanctions on the student's GPA may impact financial awards. Gross dishonesty or a recurrence of academic dishonesty may result in expulsion from the University. Any student who receives an F in a course due to academic dishonesty will not be allowed to drop the course even if the F is assigned prior to the last date to drop a course with a W.

The student may appeal a finding of academic dishonesty and the resulting sanction first to the department chair then the dean; further recourse is to the Provost. For updates and questions related to this area, please contact the Office of the Provost.

Academic Standing

To maintain acceptable scholastic standing and to graduate from Carson-Newman University, a student must have a minimum cumulative GPA of 2.00, a minimum institutional GPA of 2.00 (coursework attempted at Carson-Newman), and a minimum GPA of 2.00 in all coursework attempted in the major and/or minor (unless specific department requirements are higher).

Academic Probation

A student is placed on Academic Probation when the institutional or cumulative GPA is below the minimum level determined by the total number of credit hours attempted, as indicated by the following table:

Hours Attempted	Minimum CNU and Cumulative GPA required
12-29	1.70
30-59	1.80
60-89	1.90
90 or above	2.00

Any student whose institutional GPA or cumulative GPA falls below the minimum required by the above table will be placed on Academic probation, and the notation of the probation will be made on the student's academic transcript. A student on Academic Probation will not be permitted to enroll in more than 14 hours for the semester; in addition, any student on Academic Probation will be required to follow instructions as outlined in their letter of probation from the Provost and the Academic Recovery Plan.

A student who has attained the minimum institutional GPA and the minimum cumulative GPA (as indicated by the table above) by the end of the first semester on probation will be removed from probation. Once a student is placed on probation, the student will be allowed to continue enrollment if academic progress is demonstrated by achieving a semester GPA of 2.0 or higher or a cumulative GPA equal to or greater than that required by the total number of hours attempted for satisfactory academic progress (see table). A student who earns a 2.0 GPA for the term on probation but who does not raise his or her cumulative GPA to meet satisfactory academic progress as outlined on the above table, will be allowed to remain enrolled on continued academic probation. Any student placed on academic probation is required to take ID-121 and pass the course with a minimum grade of C. Failure to complete ID-121 will result in academic suspension. While on probationary status, the student must achieve a semester GPA of 2.0 or higher or a cumulative GPA equal to or greater than that required for minimum standards for satisfactory academic progress to avoid suspension.

Prior to registration for each semester in which a student is on Academic Probation, the student must first attend a meeting with a Student Success Center staff. After attending the meeting with the Student Success Center, the student must meet with his/her advisor to develop an Academic Recover Plan for achieving the required level of academic success. After submitting the approved plan to the University Registrar, the student will be permitted to register. Some students are admitted on Academic Probation and must meet requirements as stated in their letters of acceptance.

Academic Suspension

A student is placed on Academic Suspension when

- * the student failed to meet requirements for continued probation, or
- * the student failed to pass 6 hours during their first term of full-time enrollment as a freshman, or
- * the student failed to pass 12 hours during the freshman year.
- * failure to pass ID-121 with a minimum grade of C.

The first time a student is placed on Academic Suspension, that student will be suspended from the University for one semester. The second time a student is placed on Academic Suspension, that student will be suspended from the University for two semesters. The notation of the suspension will be made on the student's academic transcript. A student who is suspended a third time is subject to dismissal from the University (see below).

A student who has failed to attain the minimum institutional GPA and the minimum cumulative GPA (as indicated by the table above) after the probationary period will be suspended. The notation of the suspension will be made on the student's academic transcript.

Readmission to the University after Academic Suspension is not guaranteed.

A student who has been suspended who wishes to re-enroll at the university must complete the following steps:

- * Apply for readmission to the university through the Office of Admissions by completing the application for readmission,
- * Write a letter of appeal to the Suspension Review Committee, addressed to the Office of the Provost.
- * Complete and submit the Academic Suspension Appeal Application and attach copies of documentation from a physician or health care provider (in the event of illness or medical condition), from a parent/guardian (in the event of a death-in-the-family or other family emergency), or other appropriate documentation in support of the appeal request.

Any student readmitted after Academic Suspension will be placed automatically on Academic Probation.

Students who are allowed to re-enroll after the suspension review process are not guaranteed eligibility for financial aid and should contact the Office of Financial Aid to determine eligibility.

Academic Dismissal

A student who is Academically Dismissed from the University will not be eligible for continued enrollment at Carson-Newman University. The student has been given opportunity to improve his/her academic performance and has been unsuccessful.

Students will be subject to Academic Dismissal and a notation of the dismissal will be made on the student's transcript if:

- * the student receives a third academic suspension, or
- * the student failed to meet specific academic requirements as indicated in his/her letter of acceptance.

Students who have been dismissed may submit an appeal in writing to the Provost who will render a final decision.

Class Attendance

Attendance at all class meetings is expected, and students are responsible for all work (including tests and written assignments) of all class meetings. Each faculty member will establish consequences for class absences and publish them in the course syllabus. Students can earn credit for missed work if the absence was caused by a documented illness, the death of immediate family member, or participation in a university-sponsored activity. Otherwise, the instructor has no obligation to allow students to earn credit for missed work.

Any student who does not attend class by the last day to add a class during the registration period will be administratively dropped from the class for non-attendance. Attendance in an on-line course is determined by posting an assignment, participating in an on-line discussion, or submitting an assignment for the course. Enrollment status (full-time/part-time, etc.), billing, and financial aid eligibility may be affected by disenrollment from non-attended courses. Refer to the Withdrawal and Refund Sections of the catalog for more detailed information.

Students who fail all courses due to non-attendance or lack of academic activity will be administratively withdrawn from the University for the semester. Financial aid recalculations will be processed for students who are administratively withdrawn from the university within 45 days of the date of determination. If a student is administratively withdrawn from the university, financial aid eligibility may be affected. For more information, see *Financial Aid Handbook*, Withdrawal from University section.

Courses

Credit Hour

A credit hour is defined as a unit of coursework represented by attainment of educational goals measured by learning outcomes. In accordance with federal regulation (34 CFR 600.2) one credit is awarded for a workload which reasonably approximates 37.5 hours per term. Non-lecture courses, i.e., labs, studios, performance-based or clinical-based courses, also require a minimum workload of 37.5 hours per term to receive one semester hour of credit. The University bases credit for internships on one semester hour of credit for 50 hours of work. Courses offered by alternative methods of delivery or in accelerated calendars require an equivalent amount of student engagement and workload to earn one credit hour.

Course Load

Full-time course load for a semester is a minimum of 12 hours. An average course load is 15 hours per semester. Additional tuition is charged for hours in excess of 17. Students may not enroll for more than 20 semester hours (without permission from the University Registrar) during a regular semester.

One course, 3-4 hours, is the maximum for Mayterm or for a four- or five-week summer school term. Students may not exceed 15 hours during the entire summer including Mayterm (without permission from the University Registrar) and those enrolling in multiple summer terms may not exceed the number of hours in accelerated terms that is equivalent to full-time status in a traditional semester.

Course numbering system

Courses numbered 100-200 are primarily for freshmen and sophomores; courses numbered 300-400 are primarily for juniors and seniors.

Independent Study Courses

290-390: Independent readings or independent research and study, 1-4 hours -- Open to sophomores, juniors and seniors

Students who enroll for catalog courses as independent study (maximum of four hours per semester) must secure approval from the instructor, the department chair, and the dean.

Independent study courses (topics, research, academic projects) which are not regular catalog courses may be taught as a 390 or 490 course.

The student will be registered for the independent study by the Office of the Registrar upon submission of the Request for Approval to Registrar for an Independent Study Course Form which indicates signatory approvals from the instructor, department chair, and dean. The form is available on the CN Registrar website at <http://www.cn.edu/administration/registrar-office/student-forms/independent-study>.

Faculty members may direct an independent study course only in their discipline or department and are limited to direction of two independent study courses per semester.

Mayterm Courses

280-289: Mayterm courses, 1-4 hours

380-389: Mayterm courses, 1-4 hours

Unlisted Courses

Sometimes a course is offered which is not listed in this catalog. The department offering the course assigns a title which is used in the official schedule of classes and on the student's record. Course descriptions are kept on file in the Office of the Registrar.

270-279: Class or Seminar, 1-3 hours -- Open to freshmen, sophomores, juniors and seniors.

470-479: Class or Seminar, 1-3 hours -- Open only to juniors and seniors.

Taking Courses at Another Institution

Students who are currently enrolled at Carson-Newman University, and wish to take course work at another institution, must obtain the approval of his or her advisor and the University Registrar for the corresponding Carson-Newman course by completing the "Authorization to Take Courses at Another Institution" form.

The University Registrar will indicate on the course authorization form whether the student is in good standing at Carson-Newman University and has permission to take the approved course(s). Students who wish to apply for financial aid for coursework at another college should consult the Office of Financial Aid.

Undergraduates Taking Graduate Courses

Approved undergraduate students may take a maximum of 6 graduate hours, with no more than 3 graduate hours during any one semester for no additional charge. Students must be enrolled full-time (12 hours minimum) to be eligible.

To qualify, the student must have 90 earned semester hours of undergraduate credit, an approved degree plan indicating graduation within two semesters, and meet graduate program admission requirements. Undergraduate credit earned from graduate coursework cannot be used to meet undergraduate degree requirements. Graduate credit registration hours will not count toward undergraduate enrollment status for federal aid eligibility. Contact the Graduate Program Chair or the University Registrar for an application and for additional policy and criteria information.

Grades

Grading System

The basic unit of credit at Carson-Newman University is the semester hour. Most courses carry 3 semester hours of credit (though some carry as few as 1 and some as many as 12). One semester hour typically represents 1 hour of lecture or recitation or 2 hours of laboratory work per week.

At the end of each semester and at the end of all summer sessions, grades are available to the student through his/her Campus Connect account.

Passing grades are assigned grade points for each semester hour of credit (A=4, B=3, C=2, D=1). A student's grade point average (GPA) is calculated by dividing the number of grade points the student has accumulated by the number of semester hours attempted in graded (A,B,C,D,F) courses. (The attempted semester hours in which a student earns an S or P are not used in this calculation.) The grade report will have three GPAs listed -- a semester average, the CN GPA, and the cumulative GPA. Grades of AU, IP, N, NG, P, S, VW, W, and WP are not included in the GPA computation. An F or a WF received in any course will figure into the GPA computation.

Grade Points (based on a 4.00 scale)

<u>Grade</u>	<u>Performance Level</u>	<u>Grade points per semester hour of credit</u>
A	Superior	4
B	Good	3
C	Average	2
D	Passing	1
F	Failing	0
WF	Withdrew failing	0
WP	Withdrew passing	0

As an example, the GPA would be figured as follows for a student receiving:

ENG 101	A	(12 grade points)	3 hours
BIOL 101	C	(6 grade points)	3 hours
REL 101	F	(0 grade points)	3 hours
PSY 202	S	(0 grade points)	3 hours

Grade points (18) divided by graded hours attempted (9) = 2.0 GPA

Grades that do not influence grade point average (GPA)

AU	Audit (enrolled with instructor's approval for observation only-one half tuition rate per credit hour with no credit earned)
N	No pass (for courses taken on pass/no pass basis)
NG	No grade submitted or no credit earned
P	Pass (for courses taken on pass/no pass basis)
S	Satisfactory work (for courses noted on class schedule as using S/F grading)
W	Withdrew (has no effect on GPA)
WP	Withdrew passing

The **pass/no pass** grade is available as an option to encourage students to experiment and diversify their coursework selection and to broaden their interest in fields outside their major. This option allows for the earning of credit hours with a passing grade which does not affect the GPA. The choice of pass/no pass by the student is subject to these restrictions:

1. Students can take only one course a semester pass/no pass and only 8 courses pass/no pass in a college career.
2. Students cannot take pass/no pass in a major, minor, liberal arts requirement, or independent honors thesis courses.
3. An instructor reserves the right to close a course to pass/no pass grading.

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4. Pass/no pass and/or audit **must** be indicated during registration or prior to the deadline for withdrawing from a class with a “W”. Forms are available during advising to exercise the pass/no pass or audit option and are necessary for making the decision a matter of record with the Office of the Registrar.
5. After the deadline for adding courses, the grading for a pass/no pass or an audit course cannot be converted to a regular grading basis.

Incomplete Grades

- I Incomplete --- The student has failed to complete the course in the allowed time due to illness or some justifiable delay. The “I” will carry no grade points and will count as failure (F) in the computation of the grade point average until removed. A grade of F will be assigned if the Incomplete is not removed by the deadline determined by the instructor which can be no later than the end of the next semester regardless of whether the student is enrolled at Carson-Newman University, unless the student has been granted extenuating circumstances due to a prolong illness. Summer is considered a semester. The deadline for removing an incomplete grade earned during any summer term is no later than the end of the following fall semester.

Process for Grade Appeal

If a student disagrees with a course grade received, he or she may request a review of the coursework upon which the grade in the course was assigned. If an appeal is made, it must be in writing within one semester of the date the grade in the course was assigned and begins with a conference with the instructor of the course. If not resolved in this conference, the appeal moves to the department chair and then to the dean. If the grade appeal has not been resolved at these levels, it moves to the Provost for **final** review. The Provost may refer a grade appeal to the Academic Standards Committee for their study and recommendation.

Repeating a course for a grade

Students may repeat any course. The grade from the most recent attempt, with no additional hours attempted, will be used in calculating grade averages. Stated differently, the LAST grade earned will be the grade of record and will be used to determine if University requirements have been satisfied. The following provisions apply:

1. If the course was taken at Carson-Newman University, it must be repeated at Carson-Newman University for the grade replacement to be permitted.
2. If the course was taken at another college, it may be repeated at any accredited institution, including Carson-Newman University.
3. If the course was taken at Carson-Newman and repeated at another college, the grade replacement policy does not apply. The student will get credit for the course, but the course grades will be averaged.
4. After the second repeat, the grade replacement provision is no longer applicable, and each attempt will figure into the grade point average.
5. All grades will be entered on the student’s permanent record.

Honors

Dean’s List

Students are recognized by the University community for academic excellence. Each semester a **dean’s list** names students enrolled as a full-time student with a grade point average (GPA) of 3.50 or better.

Honors Program Distinction

Students who graduate with Honors at Carson-Newman have completed an enhanced curriculum that includes advanced sections of Liberal Arts Core classes, intensive team-taught courses, and the completion of a two-year process of creating the Seniors Honors Thesis. The thesis is a major work of original research, creative artwork, pedagogical or social entrepreneurship contribution that must pass the evaluation of the Honors Council and be defended during a hearing before a faculty committee.

Latin Honors Listed on Diploma

Distinctions for academic excellence are awarded at graduation to bachelor’s degree students who have compiled the following grade averages:

Summa Cum Laude	3.95 - 4.00
Magna Cum Laude	3.75 - 3.94
Cum Laude	3.50 - 3.74

Students must have both a cumulative (which includes transfer credit) and institutional grade point average that meet the above criteria.

Outstanding Graduates

Each academic program/department is eligible to select one Outstanding Graduate per year. The student is selected by the faculty of the program, and the award is given to the recipient during the undergraduate commencement ceremony.

Internships

Several academic departments at Carson-Newman offer internships for academic credit. In order to receive academic credit, a student must be approved for the internship by the department chair or program coordinator. Internship experience will be directed by an off-campus supervisor and will be monitored by an assigned Carson-Newman University faculty member.

Academic credit for internships is awarded for one semester hour for a workload that reasonably approximates 50 hours of workload. Students receiving credit for an internship will also be responsible for other assignments, such as additional readings, a comprehensive journal, and/or a final paper/project as required by the department granting the internship credit. Grades for internships are awarded on either an A-F or S/F grading scale, depending on the individual department policy.

An internship experience for credit is a graduation requirement for students in the following majors: Child and Family Studies; Family and Consumer Sciences: Consumer Services; Fashion Merchandising and Design; Interior Design; Food and Nutrition; Food, Nutrition: Dietetics; Exercise Science; and Human Services.

Leave of Absence or Break In Enrollment

Students who must be absent from the University for the purpose of intellectual or personal development may request a break in enrollment for a maximum of two semesters. The application to Request a Break In Enrollment must be completed by the student and approved by the student's advisor and the University Registrar. If approved, the student will be guaranteed readmission at the end of the specified time, providing the terms of the request have been satisfactorily fulfilled. Students who are on an institutional approved break in enrollment will not meet the guidelines for federal approved pursuant to 34CFR668.22(d) and will be subject to begin repayment under the terms of any federal loan that has been borrowed. In addition, a student on an institutional approved leave of absence or break in enrollment will not be considered continuously enrolled for the Tennessee Hope Scholarship (TELS).

Recipients of Title IV funds who are enrolled but must withdraw from the University for medical or family emergency may request a leave of absence (LOA) through the University Registrar. If the leave of absence is approved, the student will be considered enrolled for the purposes of federal loan deferments. The LOA is seen as temporary interruption in the educational program. As such the student must return within the specified time period and resume enrollment in the same coursework that was interrupted. Tuition cost will not be the responsibility of the student to re-enroll in the same coursework. As such, the student will not qualify for additional disbursements of federal aid. This type of leave of absence may not exceed a total of 180 days in any 12 month period. If the student does not return from a LOA, then the university is required to process withdrawal retroactively to the date the LOA began. This may result in loan payments being due at an earlier date. Please refer to the refunds section for withdrawal information.

Registration and Change of Course (drop/add)

Each semester, during a period of time designated in the University calendar, students may register for courses to be taken the following semester. During spring, students may register for Mayterm and summer terms.

Enrollment confirmation is required for all students prior to attending class. Enrollment confirmation is scheduled immediately prior to the beginning of classes during the fall and spring semesters. In the summer all tuition and fees are to be paid before a student begins classes unless other arrangements have been made with the Student Accounts Office.

The student may add a new class during the first week of classes, or drop an existing class without a grade during the first week of classes, by completing a change of course (drop/add) form. Registration for all classes must be completed by the end of the drop/add period.

Financial aid is based on a student's enrollment status. Financial Aid eligibility may be adjusted if the student's enrollment status changes.

A grade of "W" will be assigned when the student drops a course between the end of the drop/add period and the last day to drop with a "W". The "W" will not be reflected in the student's GPA, but the class and grade will show on the student's permanent record (transcript).

Any student who receives an F in a course due to academic dishonesty will not be allowed to drop the course even if the F is assigned prior to the last date to drop a course with a W.

After the last day to drop with a W grade, the student will be automatically assigned a "WF" for any drop. The "WF" will be reflected in the GPA, and the class will also show on the student's permanent record.

Changes in registration after the drop/add period will be assessed a \$10 fee for each class change made.

Student Classification

	Semester hours credit
freshman	1 - 29
sophomore	30 - 59
junior	60 - 89
senior	90 plus

Status

Full-time - enrollment in at least 12 semester hours

Part-time - enrollment in fewer than 12 semester hours

Withdrawal from the University

Students ceasing attendance from all classes before the close of the semester are considered withdrawn and must officially withdraw by contacting the Office of Financial Aid. It is imperative to complete this process in order not to jeopardize future financial aid and to understand the earned financial aid calculation. The Office of Financial Aid will process the withdrawal, regardless of whether a student has officially withdrawn or unofficially left, in order to determine the amount of financial aid a student has earned. Unearned financial aid will be returned to the appropriate program. Returning unearned financial aid may result in a balance due to the University. The process is completed by the Student Accounts Office, where tuition refunds are given as outlined under **Refunds** in the **Costs** section of this catalog.

A student who officially withdraws before the last date to drop with a W will be assigned W grades. A student who officially withdraws from the University after the last date to drop with a W will be assigned a grade of WP for courses the student is passing or WF for courses the student is failing. The grade of WP or WF will be determined by faculty evaluation of the student's performance up to the day the student is considered withdrawn from the University. The official withdrawal date is based on the date of notification of the withdrawal.

A student who ceases class attendance in all courses before the end of the semester and does not officially withdraw is considered to have unofficially withdrawn and will be administratively withdrawn from the University. Students who are administratively withdrawn from the University will receive a grade of WF for courses registered for during the term of administrative withdrawal. The date of withdrawal for unofficial withdrawals is the midpoint of the semester. Exceptions to the midpoint may be reviewed on a case by case basis, if appropriate documentation is provided by the professor. Using the midpoint may result in unearned financial aid being returned to the appropriate program.

For information on how withdrawal from the university will affect financial aid eligibility, contact the Office of Financial Aid.

Student Records

Official Academic Records

The official transcript for each student is maintained by the Office of the Registrar and is stored in an electronic format. Other academic information, non-permanent but relating to the student's enrollment and academic progress, is also stored electronically according to records retention guidelines of the University. Official transcripts as authorized by the student or former student may be requested for third party release.

Carson-Newman University provides for the confidentiality of student records in accordance with the Family Educational Rights and Privacy Act, as amended. This act provides for the right of access by a student to his/her file and records with certain limited exceptions and prohibits the disclosure of information without the student's written approval, with certain limited exceptions, other than for disclosure of directory information.

Directory information includes student name, address, telephone numbers, e-mail addresses, photographs, dates of attendance, enrollment status (full-time or part-time), major and anticipated date of graduation, degree, honors and awards, the most recent previous educational institution attended, and participation in school activities and sports. Students wishing to withhold directory information may do so by notifying the University Registrar *in writing*.

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. These rights include:

1. The right to inspect and review the student's education records within 45 days of the day the University receives a request for access.
A student should submit to the university registrar, chair of the academic department, or other appropriate official, a written request that identifies the record(s) the student wishes to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the University official to whom the request was submitted, that official shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.
A student who wishes to ask the University to amend a record should write the University official responsible for the record, clearly identify the part of the record the student wants changed, and specify why it should be changed.
If the University decides not to amend the record as requested, the university will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to a hearing if the request to correct an alleged inaccuracy is denied.
If the University decides not to amend the record as requested, the University will notify the student in writing of the decision and the student's right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
4. The right to provide written consent before the University discloses personally identifiable information from the student's education records, except to the extent that FERPA authorizes disclosure without consent.

The University may disclose education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted as its agent to provide a service instead of using University employees or officials (such as an attorney, auditor, or collection agent); a third party engaged in research conducted on behalf of the University provided such information is not disclosed to any other authorized party; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibilities for the University.

Upon request, the University may disclose education records without consent to officials of another school in which a student seeks or intends to enroll.

5. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202-5901

The Family Educational Rights and Privacy Act provides that educational records of a student who is a dependent of his/her parent(s) for Internal Revenue purposes may be disclosed to the parent(s) without first receiving the student's consent, provided documentation showing the

student to be dependent under the provisions of the Internal Revenue Code is presented by the parent(s). Students may authorize the release of otherwise confidential information, i.e., grades, academic progress, class attendance, billing statement, and disciplinary actions to parents by signing a consent form available in the Office of the Registrar.

Following is a partial list of records maintained in University offices and the official responsible for each.

Academic records and transcripts: University Registrar

Student Judicial Records: Vice President for Student Services and Dean of Students

Student Co-curricular and Extracurricular Involvement: Vice President for Student Services and Dean of Students

Placement Files (compiled by the student): Student Success Center

Carson-Newman University defines a student as enrolled the first day the student begins attendance at the University.

For additional information regarding Family Educational Rights and Privacy Act policies, please contact the University Registrar at 865-471-3240 or registrar@cn.edu.

Student Consent to Disclose Information

Students may authorize the release of otherwise confidential information, for example, grades, academic progress, class attendance, financial data, and disciplinary actions, to parents or others by signing a consent form available in the Office of the Registrar, located on the top floor of the Fite Administration Building.

Disclosure which may not legally be made except upon the consent of the student shall not be made by any University employee (except for access with certain limited exceptions as allowed by law) until the student's consent is on file in the Office of the Registrar. Disclosure shall be made only of the specific matters to which the student has consented and to the person designated by the student. Any University employee who is asked by any person (the student, a parent, or anyone else) to make a disclosure of confidential information which may be made only upon the student's consent, shall not make the disclosure unless first being advised by the Office of the Registrar that the student has consented to the disclosure and the consent has not been revoked by the student as of that date. University employees who are asked by parents of students and others to make such disclosure should be advised that disclosure may be made by the University if the student consents in writing on a Consent to Disclose Information form filed in the Office of the Registrar.

When disclosure is made, the disclosing employee shall first ascertain that the person to whom disclosure is made is indeed the person the student has designated. In each instance, no disclosure shall be made except to a person who can recite the student-designated access code. When disclosure is made to the person in person, the employee should first secure from the person adequate identification. When disclosure is made by mail, the envelope will be marked "Confidential: To Be Opened by the Addressee."

The University is not legally obliged to disclose in each instance to which the student consents. If circumstances exist which causes a University employee to believe it may not be in the student's best interests for a disclosure consented to by the student to be made, the employee should report the situation to the University Registrar.

Transcripts

The official record of a student's coursework is the academic transcript. All courses in which the student is registered on the census date are recorded on the academic transcript.

Transcripts shall be processed by the Office of the Registrar upon request from the student or former student. Students may request an official transcript by utilizing the on-line service at <https://iwantmytranscript.com/CN> or by completing the request form in the Office of the Registrar. Official transcripts will be furnished only after all accounts have been satisfactorily settled with the University. Students utilizing monthly payment plans must receive approval from the Student Accounts Office before an official transcript can be released. Currently enrolled students may request an unofficial copy of their record for campus use only.

Information Security

Carson-Newman University takes reasonable precautions to maintain and protect your privacy and information security. The University has established an Information Security Policy (ISP) that documents the efforts we use to protect your information and is available for your review at www.cn.edu by searching for "Information Security Policy". The ISP is reviewed periodically and may be modified at the discretion of the University Information Security Committee.

The Information Security Committee

The University's Information Security Committee (ISC) is charged with overseeing the security of the University's non-directory information through development and implementation of an information security plan including but not limited to University policies, procedures, and training. This plan will be subject to periodic review and revision by the ISC to assure ongoing compliance with all applicable laws and regulations.

The ISC includes the Associate Vice President for Enrollment Management, the Executive Director of Financial Aid, the Associate Vice President of Finance and Human Resources, the Director of Information Technology Services, the Dean of Student Services, and the University Registrar. The Executive Council serves as *Ex-officio* members. The ISC may add other representatives as deemed appropriate.

32 Majors

MAJORS, MINORS, AND EMPHASES		
MAJORS	EMPHASES	MINORS
ASSOCIATE DEGREES (AA/AS)		
Associate of Arts in Liberal Arts (AA)		Associate of Science in General Studies (AS)
Associate of Arts in Christian Ministries (AA)		Associate of Science in Computer Science (AS)
Associate of Arts in Photography (AA)		
BACHELOR OF ARTS (BA)		
Art	Drawing and Painting	Art
Art	Graphic Design	Art History
*Art	Art Education	
Photography		Photography
*Biology	Environmental Studies	
*Biology	General	
*Biology	Research	
*Chemistry		
Communication Studies		Communication Studies
Communication Studies	Emphasis in Marketing	
Communication Studies	Emphasis in Nonprofit Leadership	
*Theatre		Speech Theatre
*English	Creative Writing	Creative Writing
*English	Literature	English Professional Writing
Film and Digital Media		Film
*Spanish	Professional Major	German
Spanish	Corollary Major	Spanish
Biblical Languages		
*History		History
*Political Science		Political Science Law and Policy Studies
Interdisciplinary Scholars		
Linguistics		Linguistics
*Mathematics		Mathematics
Music		Music
Music	Emphasis in Worship Leadership	
Philosophy		
*Psychology		Applied Developmental Psychology Applied Psychology Criminology Mental Health Positive Psychology Social Entrepreneurship
Social Entrepreneurship		
Biblical Languages		Biblical Languages
Religion	General	Greek
Religion	Emphasis in Biblical Studies	Hebrew
Religion	Emphasis in Leadership and Ethics	Missions
Religion	Emphasis in Ministry Studies	Oxford Studies
Religion	Emphasis in Ministry to Children and Youth	Religion
Religion	Emphasis in Missions	Religious Studies
Religion	Emphasis in Spirituality and the Arts	
Sociology	Cross-Cultural	Sociology
Sociology	General	
Human Services		Human Services
Liberal Studies		Education
*Liberal Studies with Elementary Education (K-5)		
*Liberal Studies with Middle Grades Education (6-8)		

MAJORS	EMPHASES	MINORS
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BACHELOR OF MUSIC (BM)

Performance (Instrumental, Piano or Voice)

Church Music

*Music Education-Instrumental

*Music Education-Vocal/Choral

Music Theory

Music in Combination with an Outside Field

Music

BACHELOR OF SCIENCE (BS)Biology

Accounting

Business Administration

Business Administration

Business Administration

Business Administration

Finance/Economics

Emphasis in Management

Emphasis in Marketing

Emphasis in Sport Management

Accounting

Business Administration

Finance/Economics

*Chemistry

Biochemistry

Computer Science

Computer Science

Emphasis in Applied/Management

Emphasis in Traditional/Theoretical

Exercise Science

Human Exceptionalities

*Special Education

Child and Family Studies

Child and Family Studies

Family and Consumer Sciences

Family and Consumer Sciences

Family and Consumer Sciences

Fashion Merchandising and Design

Foods and Nutrition

Foods and Nutrition

Interior Design

*Emphasis in Early Childhood Education

Emphasis in Consumer Services

*Emphasis in Family and Consumer Sciences Education

Emphasis in Dietetics

Interior Design

*Physical Education

Physical Education (non-teacher licensure)

Youth Athletics and Recreational ManagementRecreation
Wilderness Recreational ManagementInterdisciplinary Scholars*Physics**BACHELOR OF SCIENCE IN NURSING (BSN)**Nursing**ADULT DEGREE COMPLETION PROGRAMS**

Bachelor of Business Administration

Bachelor of Science in Interdisciplinary Studies**INTERDISCIPLINARY MINORS**

Conflict and Justice Studies

Environmental and Community Studies

Film

Gerontology

Health Professions

Medieval and Renaissance Studies

Military Leadership

Religious Studies

Women's Studies

*Teacher licensure is available in these areas with completion of the teacher education program.

For a student interest in continuing on to a graduate program in an allied health area, see the health pre-professions section of the catalog. (Allied health areas include medicine, pharmacy, dentistry, physical therapy, occupational therapy, optometry, physician assistant, medical technology and veterinary medicine.)

LIBERAL ARTS CORE REQUIREMENTS

Liberal Arts Core Mission Statement

In order to help students reach their full potential as educated citizens and worldwide servant leaders, the Carson-Newman University Liberal Arts Core provides an introduction to a broad base of knowledge, Christian values, and skills that are essential for personal, intellectual, and professional growth. Underlying the core courses are foundational goals that are common to liberal arts courses:

1. Oral and written communication,
2. Global and cultural awareness,
3. Critical thinking and analytic skills, and
4. Information literacy.

Expected Outcomes

The Liberal Arts Core at Carson-Newman provides an introduction to the Liberal Arts and studies in Biblical traditions, communications, mathematics and science, personal and social awareness, and global perspectives. Through these core components, the following outcomes are expected of our students: knowledge of the history of Christian Liberal Arts; knowledge of the scholarly study of the Judeo-Christian scriptures and their content; effective communication skills in both written and spoken English; scientific literacy and quantitative reasoning skills critical for making informed decisions; the ability to think critically and to apply appropriate research techniques to the study of human behavior, social systems, and cultures of the world; a broad knowledge of human actions, imagination, and expression; and the ability to access, evaluate, and wisely use information and its sources.

Introduction to the Liberal Arts, 1-3 hours

LA 101SL, An Introduction to the Liberal Arts, *2 hours*

LA 102, Carson-Newman and the Liberal Arts for Transfers, *1 hour -- Transfer students with 45 or more transfer hours*

HUM 101, Humanity and the Cosmos I, *3 hours - Honors Students Only*

Studies in Biblical Traditions, 6 hours

REL 101, Introduction to the Old Testament, *3 hours*

REL 102, Introduction to the New Testament, *3 hours*

Studies in Communications, 6 hours

ENG 101, Writing and Literary Studies I, *3 hours*

Three hours from the following:

COMM 135, Speech Fundamentals, *3 hours*

COMM 230, Interpersonal Communication, *3 hours*

Studies in Mathematics and Science, 9 hours

Any MATH 100 level course, 201 or 207, *3 hours*

Six hours from the following:

BIOL 101, Human Biology, *3 hours*

BIOL 102, Environmental Science, *3 hours*

BIOL 105, General Biology I, *4 hours*

BIOL 106, General Biology II, *4 hours*

BIOL 207, Human Anatomy and Physiology I, *4 hours*

BIOL 208, Human Anatomy and Physiology II, *4 hours*

BIOL 303, Soils and Geologic Science, *3 hours*

BIOL 304, Field Botany, *3 hours*

BIOL 380, Zoology for Non-Science Majors, *3 hours*

CHEM 100, Chemistry in Society, *3 hours*

CHEM 101, Introductory Chemistry, *4 hours*

CHEM 103, General Chemistry I, *4 hours*

CHEM 104, General Chemistry II, *4 hours*

GEOL 101, Introduction to Physical Geology I, *3 hours*

PHYS 100, Physics in Everyday Life, *3 hours*

PHYS 101, Physics of Musical Sound, *3 hours*

PHYS 102, Basic Physics and Astronomy, *3 hours*

PHYS 103, General Physics I, *4 hours*

PHYS 104, General Physics II, *4 hours*

PHYS 110, Elementary Astronomy, *3 hours*

PHYS 201, Principles of Physics I, *4 hours*

PHYS 202, Principles of Physics II, *4 hours*

Studies in Personal/Social Awareness, 6 hours

Three hours from the following:

- CS 135, Person and Family Management, 3 hours
- ECON 204, Economic Concepts, 3 hours
- ECON 210, Principles of Microeconomics, 3 hours
- HIST 201, United States History I, 3 hours
- HIST 202, United States History II, 3 hours
- PHIL 101, Introduction to Philosophy and Critical Thinking, 3 hours
- PHIL 301SL, Christian Ethics, 3 hours
- PSC 101, Introduction to Civil Rights and Liberties, 3 hours
- PSC 102, American Government and Politics, 3 hours
- PSC 302, Faith, Freedom and the Individual, 3 hours - **Honors Students Only**

Three hours from the following:

- CFS 206, Human Development through the Lifespan, 3 hours
- LING 220, Introduction to Linguistics, 3 hours
- PSY 101, Introduction to Behavioral Science, 3 hours
- PSY 102, Understanding Human Behavior, 3 hours
- PSY 204, Psychology of Childhood and Adolescence, 3 hours
- PSY 206, Human Development Through the Lifespan, 3 hours
- PSY/SOC 250, Society and the Individual, 3 hours - **Honors Students Only**
- PSY 318, Humanity and the Biosphere, 3 hours - **Honors Students Only**
- SOC 101, Introduction to Sociology, 3 hours
- SOC 105, Social Problems, 3 hours

Studies to Enhance a World Perspective, 18 hours for BA, 12 hours for BM, BS, and BSN

- ENG 201, Writing and Literary Studies II, 3 hours
- or HUM 102, Humanity and the Cosmos II, 3 hours - **Honors Students Only**
- ENG 301, Writing and Literary Studies III, 3 hours

Three hours from the following:

- HIST 133, World History I, 3 hours
- HIST 134, World History II, 3 hours
- HIST 135, Early Civilizations, 3 hours

Three hours from the following:

- ART 104, Photography I, 3 hours
- ART 210, Art Appreciation, 3 hours
- ART 316, Art History I, 3 hours
- ART 317, Art History II, 3 hours
- FILM/HIST 250, International Cinema, 3 hours - **Honors Students Only**
- FILM 310, Introduction to the Art of Film, 3 hours
- FA 301, Form and Expression in the Contemporary Arts, 3 hours - **Honors Students Only**
- Music Ensembles, 3 hours
- MUS 133, Appreciation of Music, 3 hours
- TH 110, Introduction to the Theatre, 3 hours

Language: BA degrees require 6 hours of language at the 100 or 200 level as determined by the degree department. BS, BM, or BSN degrees may also require language. Please see student's major for specific requirements.*

Senior Capstone Course or Seminar, minimum of 1 hour credit (preferably taken in the last year of residency)

* Students who have studied a foreign language in high school must take a placement test in order to continue studying that language at Carson-Newman University. Spanish 101 is reserved ONLY for students who have never studied Spanish before. If a student who had Spanish in high school registers for Spanish 101, they will be removed from the course. Students who studied Spanish in high school who do not score high enough on the placement test to test into higher levels should begin their language study with Spanish 123 and will complete their six (6) hour requirement with Spanish 201. In French and German, 101 is considered remedial for students who have studied French or German in high school. Therefore, 101 credit cannot be purchased, nor will it be counted toward the 6 hours of foreign language requirement. Those students will need to take French/German 102 and 201 to fulfill their requirement.

NOTE 1: There are some degrees that require 6 hours at the 200 level for the language requirement. Students in those departments will be required to take 201 and 202 to fulfill their requirement.

NOTE 2: If a student tests into the 200 or 300 level, they may be eligible to receive credit by examination for one course that they test out of. Please consult with the Director of World Languages program (Dr. Mary Baldridge) for more information.

Degrees, Majors, Minors, and Emphases

Degrees

Carson-Newman University awards associate and bachelor degrees at the undergraduate level. A degree is awarded based on successful completion of a course of study which has been approved by the faculty.

A bachelor's degree requires completion of a minimum of 120 hours including liberal arts course requirements, courses required for the major and, in some cases, elective hours. An associate's degree requires completion of at least 60 hours of a prescribed set of courses including liberal arts courses and electives. Some associate degrees require discipline specific courses.

Carson-Newman University awards the Bachelor of Arts, Bachelor of Science, Bachelor of Music, Bachelor of Science in Nursing, Associate of Arts, and Associate of Science degrees.

Majors

A major is a student's primary area of study. Students seeking a BA degree choose a major from academic areas or disciplines. Courses in the liberal arts core requirement may or may not count as part of the major. Consult department for specific requirements. See Table I for a listing of majors available within departments.

Students may obtain a BA in Interdisciplinary Scholars. Consult advisors for additional information and requirements.

For baccalaureate degrees other than the BA--i.e., the BM, BS, and the BSN, both major subject area and the liberal arts core requirement are incorporated into a curriculum which is prescribed and must be strictly followed in order to meet degree requirements and certain accreditation and professional standards.

Minors

Students may select one or more optional minors. Some minors will consist of courses from a single discipline. A minimum C average (2.00) is required in a minor. Courses in the minor may not count toward a major or another minor unless such courses are designated as required for both. Courses so designated and counted in more than one area are limited to two. Courses selected from a list of courses are not considered required. Other minors are interdisciplinary and required coursework from more than one discipline. Students may double count courses toward an interdisciplinary minor that are required for a major, as long as a minimum of three disciplines are represented in the interdisciplinary minor. No more than 12 hours of transfer credit can be counted toward the minor at Carson-Newman.

Interdisciplinary Minors

Conflict and Justice Studies

Designed for students interested in social justice ministry, criminal justice, forensic psychology, peace studies, restorative justice, nonviolent conflict resolution, law and society, ethics and society, and other related fields of study, service, and work. Students take 21 hours to include REL/PHIL 301SL plus an 18 additional hours with a minimum of one course from each of the following subject areas: Sociology: SOC/PSY 310; Psychology: PSY 316, 323; History/Political Science: HIST 350, 351, 353, PSC 321, 337, 338, 438, 439; Religion: REL 318, 415. **Contact** Dr. Laura Wadlington, Department of Psychology.

Environmental and Community Studies

This minor is for students interested in pursuing their major and career interests in the context of addressing human needs and problems through sustainable development and conserving the natural environment and informed by an understanding of place, the aesthetics of environment and community, and other considerations of community history, culture, and values. Students complete 21 hours of coursework including 3 additional hours in the natural sciences beyond the 6-hour liberal arts core requirement to be selected from BIOL 102, 105, 106, 304, 315, 317, 405, or any GEOL/GEOG course; 15 hours selected from HIST/PSC 323, PSY 212, 312, 318, 323, SOC 205SL, 402, or approved special topics courses in Philosophy, economics, or related field; and 3 hours of approved field work or research selected from BIOL 383, 491, ENG 465, HON 499, PSY 410, 491, REL 296, SOC 406SL. **Contact** Dr. Laura Wadlington, Department of Psychology.

Gerontology

This 18 hour minor is designed for students interested in caring for and working with the elderly. The following courses are required: PSY 407 and NURS 217SL; 3 hours from PE 407SL, FN 114 or 210; 3 hours from PSY 410 or other supervised internships of 135 clock hours or more in a geriatric environment; electives (6 more hours), 3 hours from BIOL 101, 207; or special topics in gerontology (390); and 3 hours from REL 442, SOC 102, 401, or PSY/CFS 206. **Contact** Dr. Laura Wadlington, Chair, Department of Psychology.

Health Professionals

Designed for individuals who plan to have a career as a practicing health professional. This minor requires 18 hours of coursework. Required courses include CHEM 308, ID 208, REL 301, and REL 224 or SOC 302. For the remaining 8 hours, you may choose from 13 different elective courses. For these options, or more information about this minor, **contact** Dr. Stephen Karr, Director of Health Pre-Professions. This program is not aid eligible.

Medieval and Renaissance Studies (MARS)

Medieval and Renaissance Studies (MARS) is the historical, cultural, and artistic study of time periods ranging from the fifth century A.D. to the mid-seventeenth century A.D. At Carson-Newman University, we offer an interdisciplinary minor in this field. This minor allows a deal of flexibility so that students can supplement their major with broad study of the Medieval and Renaissance world. Students can combine classes in art, music, history, linguistics, philosophy, English, foreign language, and religion to better understand holistically these time periods. A MARS minor would complement and enrich a major in any of these areas mentioned above.

The minor is built from 200 level or higher courses regularly offered at Carson-Newman University, i.e., courses dealing with Medieval or Renaissance topics. To ensure the minor's multidisciplinary nature, students may use no more than two courses for their minor that would normally be applicable to their major. (For example, an English major could take two additional English classes and apply those classes to the MARS minor, but the additional courses beyond those two must be in areas outside his major. This variety will encourage interdisciplinary understanding.) The student must take a total of 18 hours chosen from the following: ENG 362, 423; GER 270; HIST 341, 333, 334, 437, 438; MUS 431; PHIL 304; and REL 438; any approved advanced course in English/French/linguistics/Spanish/German or religion (repeated with permission) that focuses on a Medieval or a Renaissance topic, genre, or author (e.g., ENG 340, 440, 451; SPAN 415; GER 415, REL 296, etc.).

Interested students should contact Dr. Kip Wheeler (kwheeler@cn.edu) or Dr. Mary Baldridge (mbaldridge@cn.edu).

Religious Studies

For a minor in Religious Studies, a student must complete 18 hours (12 hours required courses and 6 hours elective courses) in addition to REL 101 and 102. The required courses are PHIL 402SL and 404, REL 320, and SOC 312. Six hours elective credit may be taken from either REL 324 or HIST 341 and a course from REL 322, 426, or 433. Contact the Department of Religion.

Women's Studies

The Women's Studies program offers students the opportunity to earn an interdisciplinary minor in Women's Studies. The program encourages the study of women and gender in different cultures and time periods. It seeks to integrate questions of race, class and gender and to approach these from a global perspective. The coursework is designed to give the student an historical and contemporary perspective on the roles which women have played and continue to play in societies around the world and across time. It also strives to offer a supportive community to women interested in feminist issues through dinners, workshops, and outings.

To minor in Women's Studies the student must take 18 hours of coursework in courses that focus primarily on women or women's issues. At least three disciplines must be represented. Courses may be chosen from English 242, 352, 440 or 444; History 242 or 323; Nursing 415; Political Science 321, 338 or 410; Psychology 408; Religion 416 or 437; Sociology 309 or 401. Other special topics courses with an emphasis on women's issues or women's studies may also be applied to the minor and students may work with individual professors to devise independent study courses that may be applied to the minor. **Contact** Dr. Shannon Carpenter Collins, Department of English, or Dr. Beth Vanlandingham, Department of History.

Worship Leadership

The intent of the minor in Worship Leadership is to provide interested students with a basic set of skills and knowledge that will enable them to plan and lead worship services. This minor assumes that a number of students currently lead or will in the future lead worship services of different types and in a variety of settings. It consists of the following requirements: MUS 100 (or higher music theory), MUS 101 (or higher piano), MUS 140, MUS 141, MUS 249, MUS 322, MUS 460, 2 hours of ensemble, REL 224SL, REL 361, and one of these three courses: REL 238, REL 240, or REL 241.

Emphases

Some departments have further organized their curricula to make it possible for students to focus more specifically or to explore more deeply within the major area.

Programs

A program is an interdisciplinary set of prescribed courses designed to prepare a student for professional certification or licensure. A program is optional and, if chosen, must be taken in conjunction with a defined major and/or minor unless express restrictions are imposed for a specific program.

Post-Baccalaureate Health Professions

The Post-Baccalaureate Health Professions Program is a bridge program for students who already have earned a bachelor's degree and desire a change of career into one of the health professions. Requirements will center around the health profession career and the specific professional schools to which the student selects to apply. The program is not a graduate degree program. Required courses can be completed in an intense 12 to 24 month period. **Contact** Dr. Stephen Karr, Director of Health Professions.

Academic Support Services

Carson-Newman University provides a variety of Academic Support Services to assist students in maximizing their success in the classroom, in their personal lives, and in preparing for the future.

Academic Computer Facilities

General access computers are located in Stephens-Burnett Library (main floor) and available during open library hours. Computer labs available for general access may also be found in the Dougherty Science Center (room 123) and Ted Russell Hall (room 208) at various open hours.

Most departments have computer access labs available for students majoring in particular disciplines. Contact the academic department offices for more information.

Disability Services

Carson-Newman University seeks to provide reasonable accommodations to “otherwise qualified” students. To request accommodations, contact the Coordinator for Students with Disabilities and Case Manager at dhumphrey@cn.edu or 865-471-3268.

English Language Institute

Instruction in English as a foreign language is provided for international students needing additional instruction in the English language skills. Contact the ELI Director at 865-471-3543.

International Student Services

The Office of International Student Services plans activities and co-curricular programs for international students. Some of the services provided by this office are part-time staff coordinator, airport service at the beginning and end of each semester, assistance with checking into campus housing, international student orientation, assistance with opening bank accounts, periodic shopping and sightseeing trips, and assistance in integrating into the University community. Information is available about holiday tours which include home-stays. Contact the Coordinator for International Student Services.

First Year Experience and Conference Services

Bridge Program

The Bridge Program is an accelerated summer program targeting students with academic and personal backgrounds that have the potential to place them at risk academically. The program combines academic and social activities designed to acclimate the students to campus life and forge a sense of community.

Eagle Guide

Eagle Guides are peer mentors that assist freshmen as they transition from being dependent to independent. Eagle Guides participate with LA 101 classes and plan campus wide events.

Orientation

New student orientation is scheduled prior to the beginning of the fall and spring semester to assist students with the transition to life as a Carson-Newman student. Sessions and activities acquaint the student with the campus community and connect them with resources to help them have an optimal experience as a Carson-Newman student. For information, contact the Director of the First Year and Conference Services.

Second Year Experience Program

The Second Year Experience Program is designed to assist students in navigating issues common to second year students.

Student Success Center

The Student Success Center is located on the second floor of Stephens-Burnett Memorial Library and is open during regular library hours. Listed below are the services offered by the Student Success Center.

Advising of Deciding Students

Students who have not declared a major are identified as “deciding” students. Through *intentional* advising by professional advisors, these students are guided through the early semesters of their college experience and ultimately on a decision to declare a major.

ASE (Academic Skills Enhancement)

ASE provides support for students who demonstrate the need for remediation in basic academic skills as determined by standardized test scores. Writing and reading classes are designed to prepare students for writing compositions (essays) and to improve reading and study skills. Math courses are designed to prepare students for 100 level college math courses.

Athletic Study Hall - SNAP

SNAP (Students Navigating Academic Progress) provides intentional study hall time in a controlled environment. Students have access to peer tutoring, the Writing Center, and varying technology.

Career Services/Vocation and Calling Program

Career Services staff assists students in developing a 4-year major and career plan. Students are provided resources to enhance their skills in the areas of internships, job searches, and post-graduate life skills.

Early Alert System

ACE, the early alert system, is a tool used by faculty and staff to identify at-risk students. Referrals are assigned to the appropriate staff member for follow-up. The goal is to intervene and provide support and resources to be academically, socially, and emotionally successful.

Sophomore Success Program

The Sophomore Success Program is designed to assist students in navigating issues common to second-year students.

Tutoring and Writing Center

Tutoring is peer-lead and is geared towards the essential core classes. Morning and evening opportunities are available free of charge. The Writing Center, also peer led, is designed to guide students in proper research and writing techniques.

Information Technology Services

Use of the computing facilities is a privilege available to faculty, staff, and students of Carson-Newman University, subject to compliance with certain principles designed to assure that all users have reasonable access to the system and that the action of any one user will not adversely affect any aspect of the work of computer usage of another. In accepting this privilege, users are expected to abide by the rules of conduct. Compliance with the rules will be monitored.

For the complete Information Technology policy, please consult the **Eagle Student Handbook** (www.cn.edu/administration/student-affairs/student-handbook) or on EagleNet on the www.cn.edu website.

Community Services

Appalachian Outreach

Appalachian Outreach is a poverty relief ministry sponsored by the Student Services division and the local community. This ministry includes a home repair ministry, Samaritan House, and the Appalachian Outreach Ministry Center. AO also includes the following mission outreach programs: food distribution, used clothing ministries, educational programming, recycling, children's ministry, firewood distribution, and partnerships in disaster relief missions and international poverty relief work.

Baptist Collegiate Ministries

Student-led, volunteer organization including worship, Christian growth groups, outreach teams, missions experiences and fellowship. Contact the Director of Campus Ministries.

Center for Community Engagement

The Center for Community Engagement builds partnerships between the University and local community agencies and nonprofits by sharing knowledge and resources, supporting faculty service learning programming, hosting campus events, recruiting volunteers, and encouraging political participation among students, faculty, and staff. The CCE also offers several scholarship opportunities: Bonner Scholars Program, Faith and Justice Scholars Program, Community Connections, Service Corps, and Eagle Engage. With support from the Bonner Foundation (Princeton, New Jersey) and the CCDA (Christian Community Development Association), the CCE helps fulfill Carson-Newman's mission by empowering students to become active members of their communities, mindful servant-leaders, and dedicated agents of social change. Contact the Director of the CCE for more information.

Center for Educational Service to Appalachia

A variety of educational programs emphasizing regional literature, arts, and scholarship are offered for area schools, teachers, and community. Contact the Director.

Family Enrichment Institute

As an extension of the graduate program in counseling, the Institute uses graduate students in teaching life coping skills in a variety of community settings. The Institute also sponsors the Family Enrichment Seminars, which are regularly presented to the community on mental health topics pertaining to effective individual and family functioning. For information, contact the Director.

Samaritan House

The Samaritan House is a temporary shelter for homeless families and single women. This ministry includes clothing, furniture, and feeding programs, counseling, worship and Bible study ministries. The shelter is a ministry of the Student Services division in partnership with the local community.

SPOTS Teams (Special Projects Other Than Summer)

Short-term mission projects over fall and spring break. Contact the Associate Director of Campus Ministries.

Summer Missions

Opportunities for summer missions service through local, state, national and international agencies, organizations, camps, and churches. Contact the Director of Campus Ministries.

Academic Special Programs

In addition to the regular academic programs, Carson-Newman University offers an array of special programs which focus on interdisciplinary study, unique study opportunities, community-based education, and scholarship. Some are designed for students while others are for faculty professional development. Five of these, termed Centers, are part of the strategic plan to advance Carson-Newman University toward a position of academic excellence at the national level.

Binary Program

A four-year binary program at Carson-Newman University in conjunction with an accredited pharmacy school. Students complete three years at Carson-Newman (minimum 90 hours) and one year of the professional program at pharmacy school with a minimum “C” average and 30 hours. Upon completion of the first year of professional school, those credits are transferred back to Carson-Newman, and the student receives the BA degree from Carson-Newman in Biology or a BA or BS degree in Chemistry. Students must complete the Carson-Newman liberal arts core requirements and satisfy departmental requirements for the Biology or Chemistry major. (Carson-Newman residency requirements must be met -- see Academic Policies, Procedures, and Regulations.) Special precaution should be taken to avoid duplication of courses such as biochemistry, immunology, microbiology, and anatomy and physiology which are normally taken during the first year of pharmacy school.

Bonner Scholars Program

Sponsored by the Center for Community Engagement, the Bonner Scholars Program is a community service and leadership development scholarship program within which students complete 140 hours of community service and training each semester, two summer of service internships, a required three-course sequence, and a senior capstone project and presentation which combines students’ academic interests and career goals with an expressed community need. Application deadline for high school seniors in January 1; open spots for current Carson-Newman and incoming transfer students are announced periodically. Students who remain in good standing receive a minimum of \$2,500 each year toward tuition and fees; \$5,000 in summer support; priority access to subsidized federal loans; and a \$2,000 loan reduction check for students who graduate in good standing with the Program. For more information, contact either the Bonner Scholars Coordinator or the Director of the Center for Community Engagement.

Center for Baptist Studies

The Center for Baptist Studies hosts two annual lectures, the Carlyle Marney Lecture (fall semester) and the T. B. Maston Lecture (spring semester). In addition, the Center for Baptist Studies oversees the Oxford Studies program, which places two students at Regent’s Park for Trinity term (late April-June). The purpose of the Center is to promote and nurture Baptist identity and heritage to student, faculty and staff, alumni, and friends of Carson-Newman. For more information, contact the Department of Religion.

Louis and Mary Charlotte Ball Institute for Church Music

Campus events, workshops for musicians, and publications relevant to the denomination and local churches in music and worship. For more information, contact the Director, The Louis and Mary Charlotte Ball Institute for Church Music.

Center for Educational Service to Appalachia

Campus events, publications and community service projects relevant to the region. For more information, contact the Director of the Appalachian Center.

Center for Global Education

The Center for Global Education leads the University to strengthen its international and intercultural dimensions through curricular and co-curricular programs. The English Language Institute (ELI), study abroad, the development of international institutional relationships, and International Student Services comprise the on-campus programs of the Center for Global Education. For additional information, contact the Dean of Global Education.

Center for Wellness

The Center for Wellness provides health education and promotion through campus activities, classroom lectures, and health campaigns. The Wellness Committee is composed of faculty, staff, and students who are committed to enhancing a healthy lifestyle across the campus. For more information, contact the Wellness Chair.

Honors Program

Students whose composite ACT score is 29 or higher or SAT is 1310 (Critical Reading and Math) or above, and a high school grade point average of at least 3.65, may be eligible for participation in the honors program. Freshmen through junior students take special team taught classes such as Humanity and the Cosmos, Faith, Freedom and the Individual, and Form and Expression in the Contemporary Arts. The honors thesis, completed during the junior and senior years, consists of supervised experience or research in the student’s major field(s). Upon successful completion of the thesis and the recommendation of the honors council, the student may receive six semester hours of credit and is recognized as graduating with honors. Honors students also have the opportunity to live in the Honors House. See HONORS PROGRAM section of this catalog for course offerings. For more information, contact the Honors Program Director.

Interdisciplinary Scholars

This program is designed for the self-motivated, academically superior student (minimum 3.00 university GPA). Students in the interdisciplinary scholars program design their own curriculum. They are assigned a preceptor who assists in putting together an area of study allowing for a variety

of interests and a minor in at least one academic area. To graduate with an Interdisciplinary Scholars major, a student must complete the liberal arts core requirements and meet common requirements for a degree, excluding those pertaining to a major. Students must apply for acceptance into the program no fewer than 48 semester hours prior to anticipated graduation. For more information, contact the Office of the Provost.

Preprofessional Programs

Post-Baccalaureate Health Professions Program

Carson-Newman University offers a bridge program for students who already have earned a bachelor's degree and desire a change of career into one of the health professions. Requirements will center around the health profession career choice and the specific professional schools to which the student selects to apply. This program is not a graduate program or a degree program. For more information, contact Dr. Stephen Karr.

Washington Semester

The Washington Semester is an internship program, primarily for political science and prelaw majors, that grants credit for work in the nation's Capitol. Students learn the workings of federal government firsthand, under the supervision of a United States congressman out of whose office they work. Contact the Department of History, Political Science, and Sociology for details.

International Programs

Carson-Newman is a community of scholars and students committed to global awareness and world outreach. Numerous opportunities exist for students to participate in programs of study or interest with an international or cross-cultural focus. Students can satisfy their curiosity in any or all of the following areas:

Majors/Minors/Emphases

Several departments at Carson-Newman University offer majors that expose the student to courses with a distinctly international component. Some departments further provide students with the opportunity to focus more of their major coursework specifically in international studies, and hence offer emphases or minors within that major. For complete details of course offerings and requirements, see the contact person listed.

Foreign Language Major

Majors are available in Spanish and Biblical Languages. Contact Dr. Mary Baldrige.

History or Political Science Major

Contact Dr. Kara Stooksbury.

Oxford Studies Minor

Available to students selected for study in the Oxford term. Contact Dr. David Crutchley.

Sociology Major

Cross-Cultural Emphasis in the Sociology Major. Contact Dr. Greg Hoover.

Study Abroad

Carson-Newman offers both short-term and long-term study abroad opportunities for students who wish to gain credit from international study. Carson-Newman participates in study abroad agreements with several international institutions around the world. For a complete list of colleges or universities approved for study abroad or study away, contact the Center for Global Education.

Students who plan to study abroad must submit required documentation to the following offices:

1. The Center for Global Education
2. The Office of the Registrar
3. The Office of Financial Aid

Students who study abroad may qualify for state and federal financial aid only if study abroad courses are approved for transfer or institutional credit. Students who study abroad may qualify for institutional aid only if they choose a designated exchange program for a semester. The student will be responsible for paying the cost for study abroad at the rate charged by the cooperating institution. In some cases, charges will exceed the cost of study at Carson-Newman. All students who study abroad or away will be charged a \$100 fee.

Students must have been enrolled as a full-time student at Carson-Newman University for at least one semester before being approved for Study Abroad.

A pre-departure orientation offered by the Center for Global Education is required of all semester study abroad participants.

Oxford Term

A scholarship-supported, research and tutorial experience in England for select students who compete for acceptance. For information, contact Dr. Andrew Smith.

Cross Cultural Mission Experience

Opportunities for collaborative learning and ministry for academic credit by participation in educational missions trips are offered through various department throughout the year.

International Language and Cultural Immersion Opportunities

Students can earn academic credit for foreign language study from approved consortium or international universities. For information, contact Dr. Mary Baldrige.

Division of Student Services

The Division of Student Services encompasses student life outside the classroom. It provides leadership for a well-balanced co-curricular program and utilizes the Wellness Model with its six areas as a foundation for student growth and development. The six areas include: spiritual, social, emotional, career, physical and intellectual development. The co-curriculum is designed to support the mission of the University. The Student Services Office is located in the Maddox Student Activities Center. The office phone number is 865-471-3235.

Student Services offers a wide variety of programs and services under the supervision of the Vice President for Student Services. These services include: Student Conduct, Campus Ministries, Residence Life, Student Activities, Recreational Services, Counseling, Health Services, Public Safety, First Year Experience, Conference Services, and Appalachian Outreach.

Student Conduct

Carson-Newman strives to help students become responsible in all aspects of their lives. In situations where students exhibit irresponsible/disruptive conduct or violate university policy, disciplinary action may be implemented. Student conduct is governed by policies set forth in the *Eagle Student Handbook* and the *Guide to Residence Life*. When a violation occurs, students are afforded rights outlined by those documents. Infractions may be handled in a variety of ways depending on the severity and frequency of the violations. Please consult the Student Rights and Responsibilities section in the *Eagle Student Handbook*. The Division of Student Services reserves the right to contact a student's parent or guardian as appropriate in the event of problems associated with psychological concerns, health related problems, or other areas covered under the Student Services umbrella.

Campus Ministries

Campus Ministries offers students, faculty and staff opportunities for spiritual growth, fellowship and Christian service. Campus Ministries provides leadership for the Community Life and Worship (CLW) program, crisis ministries, counseling and personal development services, and Christian student organizations. The Baptist Collegiate Ministries organization is led by the Campus Ministries staff and student leadership teams (B.A.S.I.C. - Brothers and Sisters in Christ, Communications, Missions, Reach, and Seed Company Worship Band). Growth ministries and organizations include discipleship, Bible studies, fellowship, worship, evangelism training, missions promotion and enlistment, social action, recreation, retreats, conferences, outreach, DiscipleNow teams, and fall/spring/summer missions experiences on the state, national, and international levels. Campus Ministries is located in the Campus Ministries House, 2214 Branner Avenue, adjacent to the Maddox Student Activities Center. Phone number 865-471-3537.

The Student Chaplaincy Program in the traditional residence halls seeks to promote a Christian environment where students can learn and grow holistically while living in a safe and respected atmosphere. Student chaplains serve as ministry liaisons for Campus Ministries. Christian organizations led by faculty sponsors and student leadership indirectly related to Campus Ministries include Fellowship of Christian Athletes, Supporting Women in Missions and Ministry, YOKE (middle school ministry), and Young Life (high school ministry).

Community Life and Worship Attendance

The Community Life and Worship Program provides student-focused events which integrate faith, learning and community for students, faculty and staff. The events consist of chapel on Tuesday mornings (Community Worship) and other specified co-curricular programming (Community Life) open to the entire campus community.

Participation in the CLW program is required for graduation from Carson-Newman University. All full-time undergraduate students are required to attend at least ten (10) Community Life and Worship (CLW) events per semester for a total of seven (7) semesters. A student may bank CLW credits by attending more than 10 events in a semester.

CLW attendance will be monitored through the Campus Ministries Office. To receive CLW credit for an event a student is required to bring his/her valid C-N ID card to each event attended. IDs will be scanned at the conclusion of the event. A student must remain for the duration of the event, which will vary according to the event.

The student's attendance record for an event will be available for review on C-N Connect within 24 hours. The student is responsible for checking his/her attendance and reporting in person with C-N ID any discrepancy to the Campus Ministries Office within seven (7) days of the event. After seven days, credit may not be earned. A printable CLW schedule of events is located on the C-N website ([www.cn.edu/clw-CLW Schedule](http://www.cn.edu/clw-CLW%20Schedule)) and the EagleNet Announcement Board. A monthly calendar is also available online at the university site (click on Events, CLW, and individual listings of CLW events for more details). Students should check regularly for updates to the schedule, which is subject to change periodically.

If a student fails to attend 10 CLWs each semester, the student is placed on CLW *warning* at the end of the semester of the deficiency. To be removed from CLW *warning*, a student must make up the shortage of CLWs plus the current semester's requirement. For example, if 7 CLWs were attended in the first semester, 3 plus 10, or 13 would have to be attended during the next semester enrolled to be removed from CLW *warning*.

If, during the next semester of enrollment, the student fails to attend 10 CLWs plus the shortage of CLWs from the first semester, the student is placed on CLW *probation*. If the probationary student fails to attend a total of 30 CLWs (a minimum of 10 per semester) by the end of the third semester of deficient CLW attendance, the student may be *suspended* from the university.

If the student has attended 10 CLWs for each semester of full-time enrollment, CLW attendance *will not* be required during the student's semester of graduation as indicated on an approved degree plan.

A transfer student is required to attend every semester while enrolled as a full-time student, except during the student's semester of graduation. A student who has completed 120 credit hours is not required to attend CLW. A student who has previously received a baccalaureate or graduate degree or a non-traditional student (twenty-five years of age by the last day of the semester) is waived from the CLW requirement.

Under special circumstances, or in extreme cases, a student may apply for a CLW waiver. CLW waivers may be provided to students who cannot attend CLW events and who complete the appropriate request form. CLW waivers will normally be given to students who have conflicts resulting from curricular demands such as student teaching and nursing clinicals. Student work schedules will be considered, but do not guarantee a waiver of the CLW requirement. Students with extenuating circumstances must apply for a CLW waiver each semester. The Waiver Request Form is located at the C-N website (www.cn.edu/clw, Waiver Request Form) or at the Campus Ministries Office (2214 Branner Avenue adjacent to Holt Field House). The application must be completed and returned to the Campus Ministries Office by the last day to drop/add classes at the beginning of the semester. The Director of Campus Ministries will render a decision regarding the waiver request and notify the student.

Conduct and Dress

All events - Please arrive on time and know that tardiness can result in a student not being admitted to an event. Common courtesy and respect for others should be observed. Sleeping and studying are not acceptable. Use of cell phones, laptops, ear buds, and other electronic devices is prohibited. Drinking and eating during events are also prohibited unless permitted by the sponsoring department, organization, or group. Appropriate dress is determined by the nature of an event and should be taken into consideration. If there is a question regarding attire, the student should contact the sponsoring organization in advance. Failure to comply to these instructions may result in denial of CLW credit for the event.

During formal recitals/concerts - The audience generally applauds after a set or a group of pieces (not after each selection). The best suggestion is to wait until the experienced concertgoers begin their applause and then join with them.

Community Worship (Tuesday chapels) - First Baptist Church sanctuary doors will be locked at 9:35 a.m. for Tuesday morning chapel services to avoid disruption of worship. Head gear (examples - baseball and knit caps) is not acceptable for male or female students out of respect and reverence in worship during university chapel and should be removed upon entering. Food and beverages are not permitted in the sanctuary. Inappropriate conduct and/or dress may result in denial of CLW credit for the service.

Counseling Services

Counseling Services' mission is to support Carson-Newman students in defining and reaching their full potential academically, emotionally, socially, and spiritually. We will connect with, care for, and comfort students to enhance their success and well-being.

Counseling Services will offer at no cost to the Carson-Newman student individual/couples/group counseling, crisis intervention, educational programs, and referrals to student support services on campus along with referrals to community resources. While providing these services, Counseling Services strives to promote a holistic, nurturing and spiritual environment to address the developmental needs of Carson-Newman students. Each year Carson-Newman students seek help to succeed with relationships, stress, sadness, anxiety, adjusting to school and other reasons. To set up an appointment, please call 865-471-3350 or stop by the Kathleen Manley Building, located directly across from First Baptist Church on the corner of Russell Avenue and Ken Sparks Way next to Burnett Hall. For further information please visit www.cn.edu/counseling.

Campus Nurse

The Campus Nurse promotes the wellness of students and employees through campus-wide programs, clinics, individual treatment, and education. The nurse's office is located in the Kathleen Manley building, next to Burnett Residence Hall, and the phone number is 865-471-3350. The office is open during fall and spring semesters Monday through Friday from 8:00 a.m. to 4:30 p.m., while university administrative holidays are observed. The nurse treats minor illnesses and injuries and can refer student patients to the clinic nurse practitioner or doctor as needed. All clinic services are free of charge. Tennova Hospital, located on West Highway 11E, is available for care 24 hours a day.

First Year and Conference Services

The First Year Experience program includes learning communities, mentoring, transition programming, and success programming. First Year Services coordinates and facilitates efforts across the campus aimed at increasing success of new students. First Year Experience programs include new student orientation, university success programs and welcome events. Conference Services coordinates the camps and conference groups that visit Carson-Newman University throughout the year. The First Year and Conference Services Office is located in Butler-Blanc Gymnasium.

Military Services

The Military Services Office is the central point that connects all student veterans with academic and personal support resources, both on and off campus. Our goal is to support your academic and personal endeavors from acceptance to graduation to successful employment. The office provides information, forms and general assistance to those applying for military education assistance programs.

The Dr. Randall O'Brien Veteran Center is located in the Baker Building. The veteran center serves as an area for veterans to study, to gather, and to receive help from fellow veterans and staff. The veteran center includes a lounge, study area and computer access.

For information regarding veteran and veteran-dependent benefits, please refer to page 22. For information on receiving academic credit for military education and service, please refer to page 14. For additional information, contact the Military Services Coordinator at 865-471-3519.

Residence Life

Residential living is a significant component of the college experience. Building life-long friendships is but one of the many benefits of this unique adventure. The opportunity to live and interact with people from many diverse cultures and walks of life is an educational opportunity that comes once in a lifetime! Research indicates that living on campus is crucial to the college student's academic success. Studies show that students who reside on campus have a higher grade point average and are more likely to graduate than those who live off campus. Residence halls also provide an excellent opportunity to learn beyond the classroom, as students participate in various programs and activities that complement the academic

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experience. The **Guide to Residence Life** outlines services, responsibilities and guidelines for students in an attempt to promote structure and give meaning to the residence life experience. Students are expected to be familiar with the content of this publication and be active participants in enhancing community on campus.

Off-Campus Living--Criteria for Approval

All full-time students must live on campus. If a student would like to request to live off campus, the student must submit an Off-Campus Living Approval Request Form. This form can be found within the student housing portal. A lease does not affect the status of an off-campus approval request.

To live off campus, a student must meet one of the following minimum criteria prior to the beginning of the semester:

- * Must be 22 years of age prior to the first day of the fall semester
- * Must have obtained at least 90 credit hours (exclusive of dual-enrollment hours)
- * Must be living with a parent or legal guardian within a 50-mile radius
- * Must be married and living with spouse

If a student does not meet these requirements, the student may proceed with the Coordinator for Students with Disabilities and Case Manager to seek off campus housing as an accommodation.

Living Environment

There are six residential areas at Carson-Newman University: Alumni (F), Burnett (F), Butler (M), Heritage (M), Swann (F), Appalachian Commons (M,F), Fite-Hicks Honors House (F), Fain Honors House (M), and Faith and Justice House (F). Each room is furnished with a bed, chest of drawers, desk and chair. Residents must supply their own linens and other personal items. For convenience, a laundry facility is available in each residence hall free of charge. Each room is equipped with both cable and wireless internet capabilities. Cable service is included in the cost of the room.

Room Reservations and Deposits

All entering freshmen and transfer students are required to pay a \$200 enrollment fee - \$150 of this fee serves as a room breakage deposit. At the time of payment, or beginning on May 1 each year, students will gain access to the housing portal to select their roommates and rooms for the upcoming year. When changing rooms or checking out of the building, residents must complete the proper paperwork or forfeit the breakage fee. Each student residing on campus must pay a non-refundable \$75 residence fee to support various programs and services in his/her respective building. This fee is included in the room deposit charged to your student account. All residential students are required to have a meal plan. Returning students can select their meal plan on the housing portal. First year students are assigned the unlimited meal plan.

Roommate Requests

Roommate requests must be mutual (requested by both students on the housing application). Roommate requests will be honored based upon available space, date of application submission, and deposit date, as recorded by the Office of Admissions. Roommate requests are considered on a rolling basis, as space permits.

Department of Public Safety

The Department of Public Safety is located at 2209 Branner Avenue. Office hours are from 8:00 a.m. to 4:30 p.m., Monday through Friday, except for lunch. The office phone number is (865) 471-3559. DPS has security officers on duty 24 hours a day and all officers are licensed by the State of Tennessee. Officers may be reached at any time by calling (865) 548.9067. DPS also maintains a private protective service license through the State of Tennessee. The Jefferson County E-911 office should be contacted for life-threatening emergencies by dialing 911.

The department works in concert with the local police, fire department and other local emergency responders to maintain a safe campus and ensure that all crimes are reported immediately and investigated. A daily crime and fire log are available for review as mandated by both state and federal laws (under Student Services) which provides both students and staff with important safety tips and what to do in the event of an emergency.

Vehicle Registration

All personal vehicles belonging to students, faculty or staff members must be registered with the Department of Public Safety within three (3) days after they are brought on campus. Students must purchase a parking decal at the office during normal business hours. Parking decals cost \$40 each and are valid from August 15th through August 14th of each school year. There is no refund for a parking decal when a student graduates or withdraws before the expiration date of the decal.

All vehicles are required to have valid insurance coverage in order to be brought on campus. To register a vehicle, the student or employee must provide the make and model of the vehicle and the state license plate number. No vehicle may be registered that does not belong to the owner or the owner's parent or legal guardian. The campus parking regulations may be found on the department's website <https://www.cn.edu/administration/student-affairs/department-of-public-safety/carson-newman-university-parking-regulations-campus-map>. Drivers on campus should make themselves aware of the campus parking regulations to avoid parking citations.

Campus Alerts

Carson-Newman University has partnered with LiveSafe® to provide notification to students, faculty, and staff in the event of an emergency. Every student is encouraged to sign up for LiveSafe®. This system will be used for emergency notification in the event of severe weather warnings and other campus emergency information. In the event of a campus emergency, a text message will be sent to the phone and email address of students who sign up for the service.

Student Activities

There is a wide range of activities available to students at Carson-Newman University. Students may choose from over 50 campus clubs, groups, and organizations including service, faith-based, social, professional, and departmental groups. Students look forward to many traditional campus-wide events such as Welcome Week, Homecoming, Live @ CN Concerts, Movies on the Lawn, and Spring Formal.

Organizations such as the Eagle Production Company (EPC), Student Government Association (SGA), Baptist Collegiate Ministries (BCM), and Student Ambassadors Association (SAA), along with many other additional campus groups, regularly schedule special events throughout the year. Among these events are concerts, movies, dinner theaters, specialty acts, variety shows, and many others.

Advised by the Director of Student Activities, both EPC and SGA provide exciting opportunities for positions in student leadership, campus events planning, direct impact on the campus environment and the student experience, and the personal growth and development of the student. The Office of Student Activities is located in the Maddox Student Activities Center, Room 1016. Phone number 865-471-3392.

Recreational Services and Maddox Student Activities Center

Recreational Services offer opportunities for physical exercise, social interaction, and enjoyment of the outdoors. Several day trips are offered each year, including hikes in the Smokies, biking, zip line adventures, and many more day activities in the region. Recreational Services plans a diverse intramural program which annually provides events of sports, card games, board games, and even online events. Hundreds of students participate in the popular team sports of softball, soccer, beach volleyball, and basketball. Other choices include billiards, ping-pong, tennis, spades, badminton, and cornhole. Some more unique choices are ConnectFour, bowling, gaga, and "Family Feud". Intramurals offer several employment and leadership opportunities for students. Student directors, game day manager, game day supervisors, officials, and a field crew are all a part of the intramural staff.

The Maddox Student Activities Center opens up a world of opportunities for students. The student lounge, P.O.D., Chick-Fil-A, and meeting rooms offer an inviting atmosphere for social interaction. The activity areas provide students with a running track, weight room, cardio room, three full-sized gymnasiums, and a game room. A swimming pool complemented by student lockers, showers, and dressing rooms tops off a wide array of facilities. The Recreational Services Office is located in the Maddox Student Activities Center, Room 1014, and the phone number is 865-471-3440 or 471-3345.

Complaint and Grievance Procedures

In accordance with our mission as a Christian University within a caring community, Carson-Newman has established a Complaint Grievance Policy as well as procedures to assist students in the resolution of student complaints and concerns. A student who believes that he or she has not received fair treatment by a University employee or student or who has a complaint about the action or in-action of a University employee or fellow student may file a complaint with the Office of Student Services. The procedures adopted by the University have been established to assist students in the resolution of complaints or grievances in an expeditious, fair, and impartial manner.

Informal complaint procedure: When minor concerns or situations arise, students should first seek resolution with the individual with whom the complaint exists. Before filing a formal written complaint, the student should seek resolution with the appropriate University employee who is most directly associated with the concern. The employee with whom a concern is raised is expected to handle the matter in a fair and professional manner and to take action to resolve it in discussion with the student.

Formal complaint procedure: In matters where informal discussions do not yield a satisfactory resolution or in a case where the matter is more serious, the student who wishes to have a complaint addressed by the University should follow the Formal Complaint Procedure as outlined in the **Eagle Student Handbook** (www.cn.edu/administration/student-affairs/student-handbook).

In the event that a complaint cannot be resolved at the University level, a student may contact the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC). To file a complaint with the SACSCOC, contact the Southern Association of Colleges and Schools Commission on Colleges, 1866 Southern Lane, Decatur, GA 30033-4097, telephone 404-679-4500. To access the Commission's complaint policy, procedures, and the Complaint Form, please contact the Southern Association of Colleges at the above address or access the complaint policy on the web at <http://www.sacscoc.org>.

Title IX Sexual Harassment Prohibited Conduct

The University prohibits Sexual Harassment as defined by Title IX of the Education Amendments of 1972 and the Title IX regulations in 34 C.F.R. part 106.

Sexual Harassment is conduct on the basis of sex that satisfies one or more of the following: (1) A University employee conditioning the provision of a University aid, benefit, or service on an individual's participation in unwelcome sexual conduct (*quid pro quo*); (2) Unwelcome conduct determined by a reasonable person to be so severe, pervasive, and objectively offensive that it effectively denies a person equal access to the University's education program or activity; or (3) Sexual Assault (as defined by the Clery Act, 20 U.S.C. 1092(f)(6)(A)(v)), and Dating Violence, Domestic Violence, or Stalking (as defined by the Violence Against Women Act, 34 U.S.C. 12291(a)(10); (a)(8); and (a)(30)).

When Does Title IX Apply: At the time of filing a formal complaint, the Complainant must be participating or attempting to participate in the Education Program or Activity of the University. The alleged conduct must meet the definition of Sexual Harassment as defined in this policy. The alleged conduct must have occurred at a location, event, or circumstance over which the University exercises (or, during the relevant time, exercised) substantial control over both the Respondent and the context in which the Sexual Harassment occurred. The alleged conduct must have occurred against a person in the United States.

How to Report. Any person may report a grievance relating to sex discrimination, including Sexual Harassment, whether or not the person reporting is the person who may be the victim of conduct being reported. Reports should be directed to the Title IX Coordinator, Shelley Ball, Assistant Vice President of Student Services and Dean of Students, Maddox Student Activities Center, Office 2009-C, 2130 Branner Avenue, Jefferson City, TN 37760; email - sball@cn.edu; phone (865-471-3238).

For the complete Title IX Policy and Grievance Procedures, please visit the University website at <https://www.cn.edu/title-ix>.

Associate Degree Programs

Carson-Newman University offers four Associate degrees - one in Liberal Arts, one in General Studies, one in Christian Ministries, one in Photography, and one in Computer Science. All courses completed in the Associate degree can be used toward fulfilling requirements for a bachelor's degree from Carson-Newman.

The purpose of the associate degree curriculum is to provide students with a breadth of knowledge in the liberal arts leading to a two year credential and to earn credits which can also be applied toward a four year degree.

Associate degrees require a minimum of 60 hours. The core curriculum includes study in communication, biblical traditions, mathematics, science, and personal and social awareness. Remaining requirements may include courses in Religion (for Christian Ministries), Computer Science, or elective courses for the Liberal Arts or General Studies emphasis. See page 34 for a complete listing of approved liberal arts core courses.

Students must earn a minimum GPA 1.7 at the end of 31 hours, and an average minimum 2.0 GPA at the completion of 60 hours in all courses leading to the degree. A minimum of 15 hours must be earned at Carson-Newman, including the last 15 hours in residence.

An application for graduation and a degree plan must be submitted to the University Registrar by October 1 for fall semester graduation, February 1 for spring semester graduation, and April 1 for summer term graduation. Commencement ceremonies are held in May and December. Associate degree students graduating in July may participate in the December commencement ceremony.

Students participating in the Tennessee Reverse Transfer program may only earn one associate degree. If the student is eligible for an associate degree at both Carson-Newman and a Tennessee community college, the student must elect the college in which to receive the degree. Contact the University Registrar for more information.

Associate of Arts in Liberal Arts

Associate of Arts in Liberal Arts (60 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL, An Introduction to the Liberal Arts2
or Humanities 101, Humanities and the Cosmos I (Honors Students Only)

Studies in Biblical Traditions (6 hours)

Religion 101, Introduction to the Old Testament.....3
Religion 102, Introduction to the New Testament.....3

Studies in Communications (6 hours)

English 101, Writing and Literary Studies I3
Communication 135, Speech Fundamentals.....3
or Communication 230, Interpersonal Communication

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073
Six hours of laboratory science classes from the approved liberal art core.....6

Studies in Personal/Social Awareness (6 hours)

Any class from the approved liberal arts core personal/social 1 area.....3
Any class from the approved liberal arts core personal/social 2 area.....3

Studies to Enhance a World Perspective (15 hours)

English 201, Writing and Literary Studies II.....3
or Humanities 102, Humanity and the Cosmos II (Honors Students Only)
Three hours from the following3
History 133, World History I
History 134, World History II
History 135, Early Civilizations
Three hours of fine arts from the approved liberal arts core.....3
Language (in sequence at appropriate level)6

Elective Hours (16 hours)16

Associate of Arts in Christian Ministries

Associate of Arts in Christian Ministries (60 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL, An Introduction to the Liberal Arts2
or Humanities 101, Humanities and the Cosmos I (Honors Students Only)

Studies in Biblical Traditions (6 hours)	
Religion 101, Introduction to the Old Testament.....	3
Religion 102, Introduction to the New Testament.....	3
Studies in Communications (6 hours)	
English 101, Writing and Literary Studies I	3
Communication 135, Speech Fundamentals.....	3
or Communication 230, Interpersonal Communication	
Studies in Mathematics and Science (9 hours)	
Any Mathematics 100 level course, 201, or 207	3
Six hours of laboratory science classes from the approved liberal art core.....	6
Studies in Personal/Social Awareness (6 hours)	
Any class from the approved liberal arts core personal/social 1 area.....	3
Any class from the approved liberal arts core personal/social 2 area.....	3
Studies to Enhance a World Perspective (15 hours)	
English 201, Writing and Literary Studies II.....	3
or Humanities 102, Humanity and the Cosmos II (Honors Students Only)	
Three hours from the following	3
History 133, World History I	
History 134, World History II	
History 135, Early Civilizations	
Three hours of fine arts from the approved liberal arts core	3
Language (in sequence at appropriate level)	6
Christian Ministries Core (15 hours)	
Religion 201, Introduction to Ministry	3
Religion 224SL, Spiritual Growth and Development.....	3
Religion electives.....	9
Elective Hour (1 hour)	1

Associate of Arts in Photography

Associate of Arts in Photography (61 hours)

Liberal Arts (2 hours)	
Liberal Arts 101SL, An Introduction to the Liberal Arts	2
or Humanities 101, Humanities and the Cosmos I (Honors Students Only)	
Studies in Biblical Traditions (6 hours)	
Religion 101, Introduction to the Old Testament.....	3
Religion 102, Introduction to the New Testament.....	3
Studies in Communications (6 hours)	
English 101, Writing and Literary Studies I	3
Communication 135, Speech Fundamentals.....	3
or Communication 230, Interpersonal Communication	
Studies in Mathematics and Science (9 hours)	
Any Mathematics 100 level course, 201, or 207	3
Six hours of laboratory science classes from the approved liberal art core.....	6
Studies in Personal/Social Awareness (6 hours)	
Any class from the approved liberal arts core personal/social 1 area.....	3
Any class from the approved liberal arts core personal/social 2 area.....	3
Studies to Enhance a World Perspective (15 hours)	
English 201, Writing and Literary Studies II.....	3
or Humanities 102, Humanity and the Cosmos II (Honors Students Only)	
Three hours from the following	3
History 133, World History I	
History 134, World History II	
History 135, Early Civilizations	
Art 104, Photography I	3
Language (in sequence at appropriate level)	6
Photography Core (17 hours)	
Art 121, Orientation for Art and Photography Majors.....	2
Art 204, Photography II.....	3
Art 224, Digital Photography.....	3
Art 234, History of Photography	3
Art 264, Studio Photography	3
Art 284, Fine Art Photography.....	3

Associate of Science in General Studies

Associate of Science in General Studies (60 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL, An Introduction to the Liberal Arts2
or Humanities 101, Humanities and the Cosmos I (Honors Students Only)

Studies in Biblical Traditions (6 hours)

Religion 101, Introduction to the Old Testament.....3
Religion 102, Introduction to the New Testament3

Studies in Communications (6 hours)

English 101, Writing and Literary Studies I3
Communication 135, Speech Fundamentals.....3
or Communication 230, Interpersonal Communication

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073
Six hours of laboratory science classrd from the approved liberal art core.....6

Studies in Personal/Social Awareness (6 hours)

Any class from the approved liberal arts core personal/social 1 area.....3
Any class from the approved liberal arts core personal/social 2 area.....3

Studies to Enhance a World Perspective (9 hours)

English 201, Writing and Literary Studies II.....3
or Humanities 102, Humanity and the Cosmos II (Honors Students Only)
Three hours from the following3
History 133, World History I
History 134, World History II
History 135, Early Civilizations
Three hours fine arts from the approved liberal arts core3

Elective Hours (22 hours)22

Associate of Science in Computer Science

Associate of Science in Computer Science (60 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL, An Introduction to the Liberal Arts2
or Humanities 101, Humanities and the Cosmos I (Honors Students Only)

Studies in Biblical Traditions (6 hours)

Religion 101, Introduction to the Old Testament.....3
Religion 102, Introduction to the New Testament3

Studies in Communications (6 hours)

English 101, Writing and Literary Studies I3
Communication 135, Speech Fundamentals.....3
or Communication 230, Interpersonal Communication

Studies in Mathematics and Science (9-11 hours)

Mathematics 2013
Six hours of approved laboratory science class from the liberal art core6

Studies in Personal/Social Awareness (6 hours)

Economics 210, Principles of Microeconomics.....3
Any approved class from liberal arts core personal/social 2 area.....3

Studies to Enhance a World Perspective (9 hours)

English 201, Writing and Literary Studies II.....3
or Humanities 102, Humanity and the Cosmos II (Honors Students Only)
Three hours from the following3
History 133, World History I
History 134, World History II
History 135, Early Civilizations
Three hours fine arts from the approved liberal arts core3

Computer Science Core Courses (12 hours)

Computer Science 107, Computer Programming I.....3
Computer Science 207, Computer Programming II3
Computer Science 210, Introduction to Computer Hardware and Networking.....3
Business Administration 215, Business Information Tools3

Elective Hours (8-10 hours)..... 8-10

Bachelor's Degree Programs

Academic Skills Enhancement Program

Joshua A. Bivens, Director

Upon initial enrollment at Carson-Newman, students with low scores on the ACT and/or SAT will be required to take Basic Writing Skills and/or Basic Reading Skills and/or Intermediate Algebra. Classes will be assigned based on individual subject ACT/SAT scores. The writing and reading classes are designed to prepare students for writing compositions (essays) and to enhance student's study skills. The Intermediate Algebra class is preliminary for any 100 level math class.

Students who are required to take at least two ASE courses will be advised by the Student Success Center until satisfactory completion of the courses. They will not be allowed to take more than 14 hours during the semester they are taking the ASE courses. A grade of at least a "C" is required to pass the ASE courses, and any failed ASE course must be repeated the next semester. In addition, students in this program will be required to take ID 120, Academic Strategies. This two hour course is designed to reinforce study skills, time management skills, etc. Students in the ASE program must satisfy all of the academic requirements of the University (see Academic Standing in the catalog).

Credit for academic skills enhancement courses does not satisfy any requirement for graduation from Carson-Newman University. However, academic skills enhancement credit hours and grades are used in determining athletic eligibility (first year only) and enrollment status for financial aid eligibility when required by the University to be taken.

Art

Lisa Flanary, Heather Hartman Folks, Julie Rabun, David Underwood

Carson-Newman University is an accredited institutional member of the National Association of Schools of Art and Design. The Carson-Newman University Department of Art has held this accreditation with the NASAD since 1992.

Majors

Art

Emphasis in Drawing and Painting

Emphasis in Graphic Design

Photography

Minors

Art

Art History

Photography

Specialization

Art with K-12 Teacher Licensure

The Department of Art is housed in the 4-story Warren Art Building, which sits in the heart of campus and includes two art galleries, several classroom studios, a number of private student studios, color and black and white chemical darkrooms, a Macintosh computer design lab, classrooms, and faculty offices. The art faculty are active professionals who have published scholarly or creative works, exhibited their artworks extensively, and won awards on the state, regional and national levels.

Art and photography majors participate in monthly juried exhibits of their work in the Student Gallery and have the opportunity for senior thesis exhibitions. Art and photography majors also have opportunities to gain valuable experience through art assistantships for credit or pay through the University Work Study program and through select internships.

Mission

The Department of Art strives to support and accomplish the overall mission and vision of Carson-Newman University, as a dynamic, vital and visible academic department on campus. All of our students are counseled toward a broad education in the liberal arts, to strive to create students who think critically and creatively and are knowledgeable about a wide range of disciplines. We seek to provide the general student the knowledge and ability to understand and appreciate the visual arts as an integral part of life.

We offer the Bachelor of Arts degree with a major in photography or a major in art with an emphasis in graphic design, painting and drawing, or art education. We seek to prepare majors in our department for entry-level professional careers in art, graphic design, photography, or teaching, or for entry into appropriate academic graduate programs at other institutions. We strive to foster the individual artistic goals of each student and facilitate the development and maturity of each student's artmaking and critical thinking skills toward the accomplishment of these individual goals.

The Department of Art also works to make its program a center of focus for the visual arts in the community by hosting a number of art exhibitions which are open to the public each year in our two galleries and by employing faculty who are active professionally in local and regional events and projects related to the visual arts.

The art major or the photography major requires six hours of the same language at the 100 level or higher deemed appropriate by the language placement exam.

For a major in art, a student must complete no less than 45 hours including the art core and an emphasis area within the Department of Art. A maximum of 66 hours in Art may be applied toward the BA.

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 316, or Art 317 (as listed in major hours below)

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Art 411

Art Core Requirements (32 hours)

ART 100 Art Fundamentals I3

ART 103 Art Fundamentals II3

ART 104 Photography I.....3

ART 105 Drawing I3

ART 113 Computer Graphics3

ART 121 Orientation for Art and Photography Majors2

ART 205 Drawing II.....3

ART 302 Painting I.....3

ART 316 Art History I.....3

ART 317 Art History II.....3

ART 411 Senior Seminar.....3

Graphic Design Emphasis (18 hours)

ART 233 Graphic Design I.....3

ART 243 Graphic Design II.....3

ART 313 History of Graphic Design3

ART 323 Web and Interactive Design3

ART 343SL Graphic Design III3

ART 453 Graphic Design IV3

Elective Hours (26 hours)26

- OR -

Drawing and Painting Emphasis (15 hours)

ART 305 Drawing III.....3

ART 402 Painting II.....3

ART 417 Contemporary Art3

ART 418 Non-Western Art3

ART 450 Advanced Artmaking Methods3

Elective Hours (29 hours)29

a. Students must participate in a portfolio review during the spring semester (usually in March) of the freshman, sophomore, and junior years. Assignments of studios, assistantships, and other departmental privileges are based upon the results of these annual portfolio reviews.

b. Lecture courses in the Department of Art earning 3 hours of credit meet for 3 hours per week during the semester, as is the standard for most courses at Carson-Newman University. Studio courses (art-producing courses) earning 3 hours of credit in the Department of Art usually meet for 6 hours per week during the semester to facilitate the accomplishment of some (but not all) course requirements in the classroom with the aid of the instructor.

Teacher Licensure: For licensure in Visual Arts K-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Psychology 204, Psychology 206, or Child and Family Studies 2063

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 316, or Art 317 (as listed in major hours below)

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Art 411

Art Core Requirements (32 hours)

ART 100 Art Fundamentals I3

ART 103 Art Fundamentals II3

ART 104 Photography I.....3

ART 105 Drawing I3

ART 113 Computer Graphics3

ART 121 Orientation for Art and Photography Majors2

ART 205 Drawing II.....3

ART 302 Painting I.....3

ART 316 Art History I.....3

ART 317 Art History II.....3

ART 411 Senior Seminar.....3

Art Education Emphasis (15 hours)

ART 308 Art Methods for Elementary Teachers.....3

ART 408 Art Methods for Secondary Teachers.....3

ART 417 Contemporary Art3

ART 418 Non-Western Art3

ART 450 Advanced Artmaking Methods3

Professional Education (31 hours)

EDUC 203SL Foundations of Education3

EDUC 204 Educational Technology.....3

EDUC 205 Introduction to Diagnostic Reaching Instruction: Techniques and Strategies3

EDUC 341 Curriculum, Instruction, and Management of the K-6 Classroom.....3

or EDUC 342 Curriculum, Instruction, and Management of the 6-12 Classroom

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 432 Disciplinary Literacy2

SPED 313 Survey of Persons with Exceptionalities.....3

EDUC 463 Seminar in Student Teaching2

EDUC 465 Student Teaching: Placement One5

EDUC 467 Student Teaching: Placement Two5

For a major in photography, a student must complete no less than 45 hours in Art, including the following. A maximum of 66 hours in Art may be applied toward the BA.

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 316, or Art 317 (as listed in major hours below).....3

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Art 411

Photography Requirements (47 hours)

ART 100 Art Fundamentals I3

ART 103 Art Fundamentals II3

ART 104 Photography I.....3

ART 113 Computer Graphics3

ART 121 Orientation for Art and Photography Majors.....2

ART 204 Photography II3

ART 224 Digital Photography3

ART 234 History of Photography3

ART 316 Art History I.....3

ART 317 Art History II.....3

ART 324SL Color Photography3

ART 411 Senior Seminar.....3

ART 414 Alternative Photographic Processes.....3

Nine hours from among the following:

ART 264 Studio Photography.....3

ART 284 Fine Art Photography3

ART 434 Photojournalism3

ART 440 Advanced Photographic Methods3

ART 444 Commercial Photography3

Elective Hours (29 hours)29

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Art minor (18 hours)

ART 100 Art Fundamentals I3

ART 103 Art Fundamentals II3

ART 104 Photography I.....3

or ART 302 Painting I

ART 105 Drawing I3

ART 205 Drawing II.....3

ART 317 Art History II.....3

Art history minor (18 hours)

ART 100	Art Fundamentals I	3
ART 316	Art History I.....	3
ART 317	Art History II.....	3
ART 417	Contemporary Art	3
ART 418	Non-Western Art	3
Three hours from the following:		
ART 210	Art Appreciation.....	3
ART 313	History of Graphic Design	3
ART 234	History of Photography	3

Photography minor (18 hours)

ART 100	Art Fundamentals I	3
ART 104	Photography I.....	3
ART 204	Photography II	3
ART 234	History of Photography	3
Photography electives		6

Advanced placement: The Department of Art does not accept advanced placement by testing. Consideration for advanced placement is done by portfolio review. The decision will be made by the chair of the department in consultation with the instructor in the area. Advanced placement in art courses is not recommended and is granted only in rare cases.

Prerequisites: Courses within any specific medium must be taken in numerical sequence unless otherwise approved by the chair of the Department of Art. Transfer students whose proficiency in art is not equal to the entry level at Carson-Newman University are required to take remedial study as course audits.

Each student graduating with a major in art or photography is requested to place a representative piece of his/her work in the permanent collection of the Carson-Newman University Department of Art.

Biology

Stephen Karr, Susan Karr, W. Robert Trentham, Matt Wilkerson, Patsy K. Williams Boyce, Stephen Wright

Major

Bachelor of Arts in Biology

Environmental Studies

General

Research

Teaching

Bachelor of Science in Biology

Minor

Interdisciplinary Minors (See descriptions under Majors, Emphases, Minors, Programs.)

Environment and Community

Specialization

Biology with 6-12 Teacher Licensure

The biology program is housed in Dougherty Science Center. Its facilities include the Chapman Research Laboratory, laboratory facilities for environmental studies, zoology, botany, microbiology, immunology, cell biology, anatomy/physiology, genetics, mammalian physiology, gross anatomy, and a greenhouse.

Biology majors are eligible for membership in Beta Beta Beta, the national biology honor society. In addition to traditional courses, the department offers unique opportunities for individual studies through externships, independent projects and teaching assistantships. Following graduation, alumni have entered a variety of vocational fields, including health professions, education, research and industry.

The biology major requires six hours of the same language at the 100 level or higher.

54 Biology

For a general emphasis in biology, a student must complete at least 34 hours in biology.

Liberal Arts Core Requirements (49 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (11 hours)

Mathematics 125 or higher3

Chemistry 103 and 1048

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Biology 411SL

General Biology Requirements (34 hours)

BIOL 105 General Biology I.....4

BIOL 106 General Biology II4

BIOL 410 Directed Readings in Biology1

BIOL 411SL Senior Seminar (capstone course).....1

One course from each of the following three categories:

Molecular/Cell

BIOL 314 Genetics.....4

BIOL 320 Molecular Cell Biology.....4

BIOL 408 Immunology4

Organismal

BIOL 301 Botany4

BIOL 302 Zoology4

BIOL 404 Mammalian Physiology5

Population

BIOL 315SL Ecology4

BIOL 317SL Natural History.....4

BIOL 319SL Animal Behavior.....4

At least one of the following (if not taken above):

BIOL 317SL Natural History.....4

BIOL 319SL Animal Behavior.....4

BIOL 320 Molecular Cell Biology.....4

BIOL 402SL Gross Anatomy.....5

BIOL 404 Mammalian Physiology5

BIOL 405 Environmental Assessment4

BIOL 408 Immunology4

Biology elective hours 8-12

CHEM 301, Organic Chemistry I, and CHEM 302, Organic Chemistry II, are strongly recommended.

Elective Hours (37 hours)37

The research emphasis in biology is intended for students interested in careers in research, industry and college level teaching. These students should prepare for graduate study on either the master's or doctoral degree level. Their undergraduate requirements include those listed under the general emphasis. Also strongly recommended are one or more of the following:

BIOL 315SL Ecology4

BIOL 320 Molecular Cell Biology.....4

BIOL 404 Mammalian Physiology5

BIOL 408 Immunology4

BIOL 491 Directed Projects in Biology 1-4

Teacher Licensure: For licensure in Biology 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (49 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (11 hours)

Mathematics 2013

Chemistry 103 and 1048

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Psychology 204, Psychology 206, or Child and Family Studies 2063

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Biology 411SL

General Biology Requirements (10 hours)

BIOL 105 General Biology I.....4

BIOL 106 General Biology II4

BIOL 410 Directed Readings in Biology1

BIOL 411SL Senior Seminar (capstone course).....1

Biology Teacher Licensure Courses (24 hours)

BIOL 102 Environmental Science3

BIOL 303 Soils and Geologic Science.....3

BIOL 314 Genetics.....4

BIOL 315SL Ecology4

BIOL 317SL Natural History.....4

One of the following courses from Organismal:

BIOL 301 Botany4

BIOL 302 Zoology4

BIOL 404 Mammalian Physiology5

Biology elective hours2

Professional Education (37 hours)

EDUC 203SL Foundations of Education3

EDUC 204 Educational Technology.....3

EDUC 205 Introduction to Diagnostic Reaching Instruction: Techniques and Strategies3

EDUC 342 Curriculum, Instruction, and Management of the 6-12 Classroom3

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 403 Assessment and Evaluation.....3

EDUC 420 Content-Area Methods in 6-12 Classroom3

EDUC 432 Disciplinary Literacy2

SPED 313 Survey of Persons with Exceptionalities.....3

EDUC 463 Seminar in Student Teaching2

EDUC 465 Student Teaching: Placement One5

EDUC 467 Student Teaching: Placement Two5

The **Environmental Studies emphasis** is intended for students interested in graduate study or employment in environmental studies (science). The courses required in this emphasis are as follows.

Liberal Arts Core Requirements (49 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Mathematics 125 or higher3

Chemistry 103 and 1048

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Biology 411SL

Environmental Science Requirements (35-38 hours)

BIOL 105 General Biology I.....4

BIOL 106 General Biology II4

BIOL 301 Botany4

BIOL 314 Genetics.....4

or BIOL 320 Molecular Cell Biology

BIOL 405 Environmental Assessment4

BIOL 410 Directed Readings in Biology1

BIOL 411SL Senior Seminar (capstone course).....1

Four of the following eight courses:

BIOL 102 Environmental Science3

BIOL 302 Zoology4

BIOL 315SL Ecology4

BIOL 316 Microbiology.....4

BIOL 319SL Animal Behavior.....4

BIOL 350 Field Ecology4

BIOL 383 Biology Externship3

BIOL 406 Field Biology3

Additional Requirements (12 hours)

Four of the following eleven courses:

BAD 201 Business and Professional Communication3

COMM 123 Introduction to Media Writing3

COMM 323 Public Relations3

EDUC 204 Educational Technology.....3

FN 114 Food and Culture.....3

GEOL 101 Introduction to Physical Geology3

MGT 301SL Essentials of Management and Leadership.....3

MGT 405 Human Resource Management3

SOC 201 Introduction to Cultural Anthropology3

SOC 402 People and Problems of the Third World.....3

Elective Hours (21-24 hours)..... 21-24

Suggested electives:

HIST 240 Environmental Writers1

PE 012 Hiking/Backpacking1

PE 016 Open Water Scuba Diving.....2

PE 052	Beginning Kayaking	1
PHYS 362	Energy and the Environment.....	3
REC 440	Wilderness Leadership	3
SOC 311	Environmental Sociology.....	3

For students interested in continuing with further education in an allied health field, please see the Health Pre-Professions section of the catalog.

For all emphases, a maximum of 6 hours total correspondence, independent study credit, teaching assistantships and/or BIOL 470-479 can be applied toward the major.

The Bachelor of Science in Biology is an intensive degree for students looking to pursue advanced studies in the biological sciences and/or employment in various fields of science. The courses required in this emphasis are as follows.

Liberal Arts Core Requirements (43 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (11 hours)

Mathematics 201	3
Chemistry 103 and 104	8

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in major hours below)

Biology 410	
Biology 411	

Biology Requirements (46 hours)

Biology Core (28 hours)

BIOL 105	General Biology I.....	4
BIOL 106	General Biology II	4
BIOL 301	Botany	4
BIOL 314	Genetics.....	4
BIOL 315SL	Ecology	4
CHEM 301	Organic Chemistry I.....	4
CHEM 302	Organic Chemistry II	4

Biology Electives (16 hours)

Any 300/400 level Biology classes.....	16
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Biology Capstones (2 hours)

BIOL 410	Directed Readings in Biology	1
BIOL 411SL	Senior Seminar (capstone course).....	1

Elective Hours (31 hours)

Suggested electives:

HIST 240	Environmental Writers	1
PE 012	Hiking/Backpacking	1
PE 016	Open Water Scuba Diving.....	2
PE 052	Beginning Kayaking	1
PHYS 362	Energy and the Environment.....	3
REC 440	Wilderness Leadership	3
SOC 311	Environmental Sociology.....	3

Business

John Alpers, Phillip Bailey, Hester Beecher, Ben Billman, Shara Galloway, Tori Knight, Agir Kurmanj, Doreen McCammon

Majors

Accounting

Business Administration

Emphasis in Management

Emphasis in Marketing

Emphasis in Sport Management

Finance/Economics

Minors in Business

Accounting

Business Administration (not available for business majors)

Finance/Economics

Specialization

Business Administration with 6-12 Teacher Licensure

The Department of Business is located in the Ted Russell Hall. The computer lab features Windows operating systems connected to a campus-wide computer network. Majors within the department have opportunities for internships and other projects during the senior year. Alumni include a former president of American Banking Association, hospital administrators, entrepreneurs, nursing facility administrators, CPAs, and several CEOs.

Transfer credit--Generally, courses from two year institutions will not be accepted as equivalents for 300 or 400 level courses in any curriculum in the Department of Business. Any exception must be approved by the department chair.

Advanced Placement Credit—Students may receive credit for Economics 210 (Principles of Microeconomics) and Economics 220 (Principles of Macroeconomics) by achieving a score of 4 or higher on the College Entrance Examination Board's Advanced Placement exams in those subject areas.

The Department of Business accepts the following CLEP exams in accordance with the University's standards for a passing score: Accounting 201 (Principles of Financial Accounting), BAD 301 (Legal and Ethical Environment of Business), Economics 210 (Principles of Microeconomics), Economics 220 (Principles of Macroeconomics), and Marketing 300 (Principles of Marketing).

Students wishing to receive advanced placement credit must provide evidence of their score and pay a fee to the University for each credit hour awarded

Grade Requirements--Students must earn the minimum grade of C in each course in the major and minor.

The Department of Business encourages students majoring in Business to complete second majors and minors. Students who choose to earn two majors or two emphases within the Department of Business must follow these policies:

- * Students may choose two majors within the Department of Business from Business Administration, Accounting, or Finance/Economics. If choosing two majors, students may not earn an emphasis in the department.
- * If Business Administration is one of the two majors, no classes beyond the common Business Core classes may count toward both majors.
- * If earning two emphases under the Business Administration major, completion of ten (10) upper division courses in the Business Department, beyond the Business Core, is required.
- * The Department cannot guarantee that students will be able to complete both majors due to scheduling constraints. Substitutions may not be approved.

For a BS with a major in **accounting**, a student must meet the liberal arts core requirement (44-45), the business foundations core (12 hours), major area requirement, and electives to complete 120 hours as follows:

Liberal Arts Core Requirements (38-39 hours)

Liberal Arts (2 hours)

LA 101SL (Hum 101 for Honors Students only)..... 2-3

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)	
Mathematics 120 or higher, excluding Math 201	3
Natural or Physical Science	6
Studies in Personal/Social Awareness (3 hours)	
Economics 210 (as listed in business foundations core below)	
Family and Consumer Sciences, Linguistics, Psychology, or Sociology	3
Studies to Enhance a World Perspective (12 hours)	
History 133, 134, or 135	3
English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
Senior Capstone Course (as listed in major hours below)	
Management 408	

Business Foundations Core (12 hours), to be completed prior to major courses, unless otherwise noted

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
BAD 205	Introduction to Business Analytics	3
or MATH 201	Statistical Concepts and Methods	
ECON 210	Principles of Microeconomics	3

Accounting Requirements (51 hours)

ACCT 301	Intermediate Accounting I	3
ACCT 302	Intermediate Accounting II	3
ACCT 306	Strategic Cost Accounting	3
ACCT 309	Accounting Information Systems	3
ACCT 402	Auditing I	3
ACCT 406	Advanced Accounting	3
ACCT 414	Federal Taxation I	3
ACCT 415	Federal Taxation II	3
BAD 201	Business and Professional Communication	3
BAD 215	Business Information Tools	3
BAD 301	Legal and Ethical Environment of Business	3
BAD 302	Law of Business Organizations and Commercial Transactions	3
ECON 220	Principles of Macroeconomics	3
FIN 301	Introduction to Financial Management	3
MGT 301SL	Essentials of Management and Leadership	3
MGT 408	Strategic Management (Capstone Course)	3
MKT 300	Principles of Marketing	3

Elective Hours (18-19 hours)..... 18-19

For a BS with a major in **business administration**, a student must meet the liberal arts core requirement, the business foundations core, major area requirement, and electives to complete 120 hours as follows:

Liberal Arts Core Requirements (38-39 hours)

Liberal Arts (2 hours)	
LA 101SL (Hum 101 for Honors Students only)	2-3
Studies in Biblical Traditions (6 hours)	
Religion 101, 102	6
Studies in Communications (6 hours)	
English 101	3
Communication 135 or 230	3
Studies in Mathematics and Science (9 hours)	
Mathematics 120 or higher, excluding Math 201	3
Natural or Physical Science	6
Studies in Personal/Social Awareness (3 hours)	
Economics 210 (as listed in business foundations core below)	
Family and Consumer Sciences, Linguistics, Psychology, or Sociology	3
Studies to Enhance a World Perspective (12 hours)	
History 133, 134, or 135	3
English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
Senior Capstone Course (as listed in major hours below)	
Management 408	

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Business Foundations Core (12 hours), to be completed prior to major courses, unless otherwise noted

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting.....	3
BAD 205	Introduction to Business Analytics	3
or MATH 201	Statistical Concepts and Methods	
ECON 210	Principles of Microeconomics	3

Business Administration Requirements (39 hours)

BAD 201	Business and Professional Communication	3
BAD 215	Business Information Tools	3
BAD 301	Legal and Ethical Environment of Business.....	3
ECON 220	Principles of Macroeconomics.....	3
FIN 301	Introduction to Financial Management.....	3
MGT 301SL	Essentials of Management and Leadership.....	3
MKT 300	Principles of Marketing.....	3
MGT 408	Strategic Management (Capstone Course).....	3
Upper division coursework in at least three Business disciplines*	.....	15

*Internship courses will not count toward this 15-hour requirement.

Elective Hours (30-31 hours)..... 30-31

Teacher Licensure: For licensure in Business Education 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (38-39 hours)

Liberal Arts (2 hours)

LA 101SL (Hum 101 for Honors Students only).....	2-3
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Mathematics 120 or higher, excluding Math 201	3
Natural or Physical Science	6

Studies in Personal/Social Awareness (3 hours)

Economics 210 (as listed in business foundations core below)	
Psychology 204, Psychology 206, or Family and Consumer Sciences 206	3

Studies to Enhance a World Perspective (12 hours)

History 133, 134, or 135	3
English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3

Senior Capstone Course (as listed in major hours below)

Management 408	
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Business Foundations Core (12 hours), to be completed prior to major courses, unless otherwise noted

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting.....	3
BAD 205	Introduction to Business Analytics	3
or MATH 201	Statistical Concepts and Methods	
ECON 210	Principles of Microeconomics	3

Business Administration Requirements (39 hours)

BAD 201	Business and Professional Communication	3
BAD 215	Business Information Tools	3
BAD 301	Legal and Ethical Environment of Business.....	3
ECON 220	Principles of Macroeconomics.....	3
FIN 301	Introduction to Financial Management.....	3
MGT 301SL	Essentials of Management and Leadership.....	3
MKT 300	Principles of Marketing.....	3
MGT 408	Strategic Management (Capstone Course).....	3
Upper division coursework in at least three Business disciplines*	.....	15

*Internship courses will not count toward this 15-hour requirement.

Professional Education (37 hours)

EDUC 203SL	Foundations of Education	3
EDUC 204	Educational Technology.....	3
EDUC 205	Introduction to Diagnostic Reaching Instruction: Techniques and Strategies	3
EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350	Diversity in Schools, Homes, and Communities	2
EDUC 403	Assessment and Evaluation.....	3
EDUC 420	Content-Area Methods in 6-12 Classroom	3
EDUC 432	Disciplinary Literacy	2
SPED 313	Survey of Persons with Exceptionalities.....	3
EDUC 463	Seminar in Student Teaching	2
EDUC 465	Student Teaching: Placement One	5
EDUC 467	Student Teaching: Placement Two	5

For a BS with a major in **business administration with management emphasis**, a student must meet the liberal arts core requirement, the business foundations core, major area requirement, and electives to complete 120 hours as follows:

Liberal Arts Core Requirements (38-39 hours)**Liberal Arts (2 hours)**

LA 101SL (Hum 101 for Honors Students only).....	2-3
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Mathematics 120 or higher, excluding Math 201	3
Natural or Physical Science	6

Studies in Personal/Social Awareness (3 hours)

Economics 210 (as listed in business foundations core below)	
Family and Consumer Sciences, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (12 hours)

History 133, 134, or 135	3
English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3

Senior Capstone Course (as listed in major hours below)

Management 408	
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Business Foundations Core (12 hours), to be completed prior to major courses, unless otherwise noted

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting.....	3
BAD 205	Introduction to Business Analytics	3
or MATH 201	Statistical Concepts and Methods	
ECON 210	Principles of Microeconomics	3

Business Administration with Management Emphasis Requirements (39 hours)

BAD 201	Business and Professional Communication	3
BAD 215	Business Information Tools	3
BAD 301	Legal and Ethical Environment of Business.....	3
ECON 220	Principles of Macroeconomics.....	3
FIN 301	Introduction to Financial Management.....	3
MGT 301SL	Essentials of Management and Leadership.....	3
MGT 302	Operations Management	3
MGT 306	Organizational Behavior	3
MGT 405	Human Resource Management.....	3
MGT 410	Entrepreneurship	3
MKT 300	Principles of Marketing.....	3
MKT 400	Marketing Management.....	3
MGT 408	Strategic Management (Capstone Course).....	3

Elective Hours (30-31 hours)..... 30-31

For a BS with a major in **business administration with marketing emphasis**, a student must meet the liberal arts core requirement, the business foundations core, major area requirement, and electives to complete 120 hours as follows:

Liberal Arts Core Requirements (38-39 hours)

Liberal Arts (2 hours)

LA 101SL (Hum 101 for Honors Students only)..... 2-3

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Mathematics 120 or higher, excluding Math 2013

Natural or Physical Science6

Studies in Personal/Social Awareness (3 hours)

Economics 210 (as listed in business foundations core below)

Family and Consumer Sciences, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (12 hours)

History 133, 134, or 1353

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

Senior Capstone Course (as listed in major hours below)

Management 408

Business Foundations Core (12 hours), to be completed prior to major courses, unless otherwise noted

ACCT 201 Principles of Financial Accounting3

ACCT 202 Principles of Managerial Accounting.....3

BAD 205 Introduction to Business Analytics3

or MATH 201 Statistical Concepts and Methods

ECON 210 Principles of Microeconomics3

Business Administration with Marketing Emphasis Requirements (39 hours)

BAD 201 Business and Professional Communication3

BAD 215 Business Information Tools3

BAD 301 Legal and Ethical Environment of Business3

ECON 220 Principles of Macroeconomics.....3

FIN 301 Introduction to Financial Management.....3

MGT 301SL Essentials of Management and Leadership.....3

MGT 410 Entrepreneurship3

MKT 300 Principles of Marketing.....3

MKT 350 Consumer Behavior3

MKT 400 Marketing Management3

MKT 407 Marketing Research Methods and Design3

MKT 442 The Promotional Mix of Marketing.....3

MGT 408 Strategic Management (Capstone Course).....3

Elective Hours (30-31 hours)..... 30-31

For a BS with a major in **business administration with sport management emphasis**, a student must meet the liberal arts core requirement, the business foundations core, major area requirement, and electives to complete 120 hours as follows:

Liberal Arts Core Requirements (38-39 hours)

Liberal Arts (2 hours)

LA 101SL (Hum 101 for Honors Students only)..... 2-3

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Mathematics 120 or higher, excluding Math 2013

Natural or Physical Science6

Studies in Personal/Social Awareness (3 hours)

Economics 210 (as listed in business foundations core below)	
Family and Consumer Sciences, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (12 hours)

History 133, 134, or 135	3
English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3

Senior Capstone Course (as listed in major hours below)

Management 408	
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Business Foundations Core (12 hours), to be completed prior to major courses, unless otherwise noted

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting.....	3
BAD 205	Introduction to Business Analytics	3
or MATH 201	Statistical Concepts and Methods	
ECON 210	Principles of Microeconomics	3

Business Administration with Sport Management Emphasis Requirements (42-45 hours)

BAD 201	Business and Professional Communication	3
BAD 215	Business Information Tools	3
BAD 301	Legal and Ethical Environment of Business.....	3
ECON 220	Principles of Macroeconomics.....	3
FIN 301	Introduction to Financial Management.....	3
MGT 301SL	Essentials of Management and Leadership.....	3
MKT 300	Principles of Marketing.....	3
SMGT 301	Sport Management.....	3
SMGT 400	Sport Marketing and Event Management	3
SMGT 401	Legal and Ethical Environment of Sport	3
SMGT 405	Financial Issues in Sport Business.....	3
SMGT 410	Sport Management Seminar.....	3
SMGT 465	Sport Management Internship.....	3-6
MGT 408	Strategic Management (Capstone Course).....	3

Elective Hours (25-28 hours)..... 25-28

For a BS with a major in **finance/economics** a student must meet the liberal arts core requirement, the business foundations core, major area requirement, and electives to complete 120 hours as follows:

Liberal Arts Core Requirements (38-39 hours)**Liberal Arts (2 hours)**

LA 101SL (Hum 101 for Honors Students only).....	2-3
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Mathematics 120 or higher, excluding Math 201	3
Natural or Physical Science	6

Studies in Personal/Social Awareness (3 hours)

Economics 210 (as listed in business foundations core below)	
Family and Consumer Sciences, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (12 hours)

History 133, 134, or 135	3
English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3

Senior Capstone Course (as listed in major hours below)

Management 408	
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Business Foundations Core (12 hours), to be completed prior to major courses, unless otherwise noted

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting.....	3
BAD 205	Introduction to Business Analytics	3
or MATH 201	Statistical Concepts and Methods	
ECON 210	Principles of Microeconomics	3

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Finance/Economics Requirements (45 hours)

BAD 201	Business and Professional Communication	3
BAD 215	Business Information Tools	3
BAD 301	Legal and Ethical Environment of Business	3
ECON 220	Principles of Macroeconomics	3
ECON 403	Public Finance and Public Policy	3
ECON 404	Financial Institutions and Monetary Theory	3
FIN 301	Introduction to Financial Management	3
FIN 304	Investment Analysis	3
FIN 305	Financial and Tax Strategies	3
FIN 307	Corporate Finance	3
FIN 401	Financial Analysis and Valuation	3
FIN 402	Insurance and Risk Management	3
MGT 301SL	Essentials of Management and Leadership	3
MKT 300	Principles of Marketing	3
MGT 408	Strategic Management (Capstone Course)	3
Elective Hours (24-25 hours)		24-25

Minors

Minors in the Department of Business consist of a minimum of 18 credit hours selected from the courses offered under a single designation. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Accounting minor (18 hours)

ACCT 201	Principles of Financial Accounting	3
ACCT 202	Principles of Managerial Accounting	3
ACCT 301	Intermediate Accounting I	3
ACCT 306	Strategic Cost Accounting	3
ACCT 309	Accounting Information Systems	3
ACCT 414	Federal Taxation I	3

Business Administration minor (18 hours) (available to non-business majors only)

ACCT 201	Principles of Financial Accounting	3
BAD 215	Business Information Tools	3
ECON 210	Principles of Microeconomics	3
FIN 301	Introduction to Financial Management	3
MGT 301SL	Essentials of Management and Leadership	3
MKT 300	Principles of Marketing	3

Finance/Economics minor (18 hours)

ACCT 201	Principles of Financial Accounting	3
ECON 220	Principles of Macroeconomics	3
ECON 404	Financial Institutions and Monetary Theory	3
FIN 301	Introduction to Financial Management	3
FIN 304	Investment Analysis	3
FIN 307	Corporate Finance	3

Chemistry

Karla Bowers, Christine Dalton, Caroline Keenan, Richard Thompson, Stephen Wright

Major

Bachelor of Arts

Chemistry

Majors

Bachelor of Science

Biochemistry

Chemistry

Specialization

Chemistry with 6-12 Teacher Licensure

Careers

Since many career paths are open to chemists, students should consult with academic advisers to determine which degree is most appropriate for their particular interests and abilities. Some typical careers of our graduates include the health professions (all branches), graduate school, teaching in the public schools (teacher licensure program), and direct entry into the workforce (government or industry).

The chemistry program is located on the third level of Dougherty Science Center. Major equipment holdings include atomic absorption, inductively coupled plasma (ICP), chromatographs (gas and HPLC), diode laser (with optics and oscilloscope), electrochemistry, nuclear magnetic resonance (90 MHz FT), spectrophotometers (UV-VIS, FTIR with library search, fluorescence), and mass spectrometers (GC and HPLC). Labquest™ is used in a number of labs for data collection and analysis (temperature, pH, electrochemistry, UV-Vis spectrophotometry, etc.). Additional major equipment shared with the department of biology for the biochemistry major includes centrifuges (preparative and ultracentrifuges), preparative and analytical chromatographic systems, gel electrophoresis, electroblotting, fluorescence imaging, microscopy and fluorescence microscopy, DNA sequencer, biosensor, autoclaves, data analysis equipment (scanners, digital cameras, computers), cell culture (hoods, incubators, reactors), ultracold freezers, walk-in cold room and freezer.

Some departmental scholarship money is available, particularly to junior and senior chemistry majors. A \$30.00 lab fee is required for all laboratory and externship courses in the department.

The BA degree in chemistry requires at least 34 hours of chemistry and additional requirements as follows:

Liberal Arts Core Requirements (47-49 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135.....3

Studies in Mathematics and Science (9-11hours)

Mathematics 125 or higher3

Laboratory Science 6-8

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Chemistry 412

Chemistry Requirements (34 hours)

CHEM 103 General Chemistry I4

CHEM 104 General Chemistry II.....4

CHEM 201 Excel for Scientists2

CHEM 301 Organic Chemistry I.....4

CHEM 302 Organic Chemistry II4

CHEM 305SL Quantitative Analysis4

CHEM 411 Special Topics in Chemistry1

CHEM 412 Seminar in Chemistry1

CHEM Chemistry electives (must be 300/400 level).....10

Elective Hours (37-39 hours)..... 37-39

Only eight (8) hours of 100 level courses and only 3 hours of externship (CHEM 307 or CHEM 308) may count towards the major.

A student must receive 6 hours credit in the same language at either the 100 or 200 level based on the results of the placement exam.

66 Chemistry

Teacher Licensure: For licensure in Chemistry 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (49 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135.....3

Studies in Mathematics and Science (11 hours)

Mathematics 1513

Biology 105, Physics 1038

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Psychology 204, Psychology 206, or Child and Family Studies 2063

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Chemistry 412

Chemistry Requirements (33 hours)

CHEM 103 General Chemistry I4

CHEM 104 General Chemistry II.....4

CHEM 201 Excel for Scientists2

CHEM 301 Organic Chemistry I.....4

CHEM 302 Organic Chemistry II4

CHEM 305SL Quantitative Analysis4

CHEM 306SL Instrumental Methods of Analysis4

or CHEM 401 Thermodynamics

CHEM 411 Special Topics in Chemistry1

CHEM 412 Seminar in Chemistry1

CHEM Chemistry electives (must be 300/400 level).....9

Professional Education (37 hours)

EDUC 203SL Foundations of Education3

EDUC 204 Educational Technology.....3

EDUC 205 Introduction to Diagnostic Reaching Instruction: Techniques and Strategies3

EDUC 342 Curriculum, Instruction, and Management of the 6-12 Classroom3

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 403 Assessment and Evaluation.....3

EDUC 420 Content-Area Methods in 6-12 Classroom3

EDUC 432 Disciplinary Literacy2

SPED 313 Survey of Persons with Exceptionalities.....3

EDUC 463 Seminar in Student Teaching2

EDUC 465 Student Teaching: Placement One5

EDUC 467 Student Teaching: Placement Two5

Additional Courses Required for Major (7 hours)

BIOL 102 Environmental Science3

PHYS 104 General Physics II4

Only eight (8) hours of 100 level courses and only 3 hours of externship (CHEM 307 or CHEM 308) may count towards the major.

A student must receive 6 hours credit in the same language at either the 100 or 200 level based on the results of the placement exam.

The BS degree in chemistry requires at least 39 hours of chemistry and additional requirements as follows:

Liberal Arts Core Requirements (47-49 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135.....3

Studies in Mathematics and Science (9-11 hours)

Mathematics 1513

Laboratory Science 6-8

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Chemistry 412

Chemistry Requirements (39 hours)

CHEM 103 General Chemistry I4

CHEM 104 General Chemistry II.....4

CHEM 201 Excel for Scientists2

CHEM 301 Organic Chemistry I.....4

CHEM 302 Organic Chemistry II4

CHEM 305SL Quantitative Analysis4

CHEM 306 Instrumental Methods of Analysis4

CHEM 401 Thermodynamics.....3

CHEM 402 Biophysical Chemistry.....3

CHEM 411 Special Topics in Chemistry1

CHEM 412 Seminar in Chemistry1

CHEM 415 Thermodynamics Laboratory.....1

CHEM 416 Biophysical Chemistry Laboratory1

CHEM 491-494 Three hours of research.....3

Supporting Course Requirements (20 hours)

CSC 207 Computer Programming I3

MATH 151 Calculus I3

MATH 152 Calculus II.....3

MATH 211 Calculus III.....3

PHYS 201 Principles of Physics I.....4

PHYS 202 Principles of Physics II4

Elective Hours (12-14 hours)..... 12-14

No more than eight (8) hours of chemistry electives may be counted toward the 120 hour requirement for graduation. Since some of the supporting courses in math and physics also meet Liberal Arts Core Requirements, the student may have additional elective hours available for other studies.

BS majors must serve as a laboratory assistant for at least one lab for one semester. The student may receive course credit (CHEM 300) or receive pay for this at the current rate established by the University.

68 Chemistry

The BS degree in biochemistry requires a total of 48 hours, including 4 hours of electives; some additional courses are strongly recommended.

Liberal Arts Core Requirements (47-49 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135.....3

Studies in Mathematics and Science (9-11 hours)

Mathematics 125 or higher3

Laboratory Science 6-8

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Chemistry 412

Chemistry Requirements (48 hours)

CHEM 103 General Chemistry I4

CHEM 104 General Chemistry II.....4

CHEM 201 Excel for Scientists2

CHEM 301 Organic Chemistry I.....4

CHEM 302 Organic Chemistry II4

CHEM 305SL Quantitative Analysis4

CHEM 311 Biochemistry I.....3

CHEM 311L Biochemistry I Laboratory1

CHEM 312 Biochemistry II3

CHEM 312L Biochemistry II Laboratory.....1

CHEM 411 Special Topics in Chemistry1

CHEM 412 Seminar in Chemistry1

CHEM 491 Research Techniques in Biochemistry2

BIOL 105 General Biology I.....4

BIOL 106 General Biology II4

BIOL 475 Introduction to Bioinformatics.....2

One course from biology electives:

BIOL 314 Genetics.....4

BIOL 408 Immunology4

BIOL 320 Molecular Cell Biology.....4

Math Requirements (3 hours)

MATH 201 Statistical Concepts and Methods3

Elective Hours (20-22 hours)..... 20-22

BS majors must serve as a laboratory assistant (CHEM 300) for at least one lab for one semester. The student may receive course credit (CHEM 300) or receive pay for this at the current rate established by the University.

All chemistry majors must complete a minimum of 12 semester hours of 300 and/or 400 level chemistry courses at Carson-Newman University. All chemistry majors must have a minimum GPA of 2.0 in chemistry. A maximum of 6 hours research (CHEM 491-494) may be counted toward a degree in chemistry.

AP credit. To obtain AP credit for CHEM 103 and 104, students must score 4 or 5 on the AP exam and serve at least once as a teaching assistant for the lab portions of both CHEM 103 and 104 (cannot receive pay or credit for CHEM 300).

Communication

Sheridan Barker, Kyle Biery, Mark Borchert, Chip Hall, Jerod Hollyfield

Majors

Communication Studies

Communication Studies

Emphasis in Marketing

Emphasis in Nonprofit Leadership

Theatre

Minors

Communication Studies

Speech

Theatre

Specialization

Theatre with K-12 Teacher Licensure

The Communication program is located on the main floor of Henderson Humanities Building. The department's facilities include an Oral Communication Lab and Forensics suite on the fourth floor of Henderson, and the Digital Café: A Center for Digital Storytelling, a Mac-based media convergence laboratory and the production studio, both located on the fourth floor of the Stephens-Burnett Library. Majors have several opportunities for practical experience within the department. Communication Studies students program and produce for a variety of video, film, and online productions; participate in a practicum through on-campus work in journalism, public relations, production, or sports information; produce campaigns for non-profit organizations; compete in film festival; and participate in tournaments with the forensics team. Theatre students present three major productions a year in Gentry Auditorium and several smaller productions in Phoenix Theatre each semester.

Communication Studies and Theatre majors, as well as non-majors, are eligible for membership in Alpha Psi Omega, the national honorary drama fraternity; the Society for Collegiate Journalists; and Pi Kappa Delta, a national honorary society for speech and debate.

The Communication Studies and Theatre majors require six hours of the same language at the 100 level or higher. For students with a high school background in a language, the 101 level is considered remedial and does not fulfill the required six hours.

Communication majors, including students with an emphasis, also are required to develop a digital portfolio showcasing their communication skills and talents, as well as their progression through the program. Various courses will allow a student to develop the skills and content needed for an online portfolio, which ultimately will be a demonstration of the student's competency, creativity, and unique potential to possible employers, graduate programs, and others. The successful creation of the portfolio is indicative of the acquisition of important communication competencies.

Prior to enrolling in COMM 457, Communication majors will submit their portfolios for evaluation by the departmental faculty. In order to enroll in COMM 322, students' portfolios must "pass without reservations" or "pass with reservations." Students whose portfolios do not pass must resubmit their portfolios to the Communication faculty the next semester. Students are not permitted to enroll in COMM 457 until their portfolios are passed by the departmental committee.

Students who are interested in COMM 305 or a Communication internship must receive "pass without reservations" on their digital portfolios prior to enrolling in those courses.

For a major in Communication Studies, a student must complete the Liberal Arts core, the Communication Studies core, coursework in two areas of professional competency, Communication electives, and general electives.

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (3 hours)

English 1013

Communication 135 (as listed in major hours below)

70 Communication

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Communication 457SL	
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Communication Studies Core (18 hours)

COMM 123	Introduction to Media Writing	3
COMM 135	Speech Fundamentals.....	3
COMM 201	Strategic Communication Techniques/Skills	3
COMM 208	Introduction to Digital Media	3
COMM 322	Mass Media.....	3
COMM 457	Senior Communication Studies Theory/Research Seminar (Capstone Course) ..	3

Professional Competencies (12 hours, with 6 hours in two of three areas)

Writing (6 hours)

COMM 324	Writing for Targeted Audiences	3
COMM 325	News Writing and Reporting	3

Speech (6 hours)

COMM 337	Oral Interpretation of Literature.....	3
COMM 436	Advanced Public Speaking	3

Production (6 hours)

COMM 209SL	Video Production	3
COMM 304	Advanced Production.....	3

Communication Electives (9 hours)

COMM Electives	9
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Elective Hours (37 hours)	37
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For a major in Communication Studies with an emphasis in Marketing, a student must complete the Liberal Arts core, the Communication Studies core, coursework in two areas of professional competency, additional requirements in Communication Studies and Marketing, and general electives. In addition, majors with the emphasis must take ECON 210 and MATH 201 as they fulfill their Liberal Arts Core Requirements. Students must also complete the digital portfolio requirement.

Liberal Arts Core Requirements (38 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (3 hours)

English 101	3
Communication 135 (as listed in major hours below)	

Studies in Mathematics and Science (6 hours)

Mathematics 201 (as listed in major hours below)	
Laboratory Science	6

Studies in Personal/Social Awareness (3 hours)

Economics 210 (as listed in major hours below)	
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Communication 457SL

Communication Studies Core (18 hours)

COMM 123	Introduction to Media Writing	3
COMM 135	Speech Fundamentals.....	3
COMM 201	Strategic Communication Techniques/Skills	3
COMM 208	Introduction to Digital Media	3
COMM 322	Mass Media.....	3
COMM 457	Senior Communication Studies Theory/Research Seminar (Capstone Course) ..	3

Professional Competencies (12 hours, with 6 hours in two of three areas)**Writing (6 hours)**

COMM 324	Writing for Targeted Audiences	3
COMM 325	News Writing and Reporting	3

Speech (6 hours)

COMM 337	Oral Interpretation of Literature.....	3
COMM 436	Advanced Public Speaking	3

Production (6 hours)

COMM 209SL	Video Production	3
COMM 304	Advanced Production.....	3

Additional Requirements (27 hours)

COMM 323	Public Relations	3
COMM 404	Communication Law and Ethics.....	3
COMM Elective	.....	3
ECON 210	Principles of Microeconomics	3
MATH 201	Statistical Concepts and Methods	3
MKT 300	Principles of Marketing.....	3
Nine (9) hours from the following:		
MKT 350	Consumer Behavior	3
MKT 400	Marketing Management.....	3
MKT 407	Marketing Research Methods and Design	3
MKT 442	The Promotional Mix of Marketing.....	3

Elective Hours (25 hours)25

For a major in Communication Studies with an emphasis in Nonprofit Leadership, a student must complete the Liberal Arts core, the Communication Studies core, coursework in two areas of professional competency, and course work in nonprofit leadership in the areas of Communication Studies, Psychology, and Sociology, and additional electives. Students must also complete the digital portfolio requirement.

Liberal Arts Core Requirements (44 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (3 hours)

English 101	3
Communication 135 (as listed in major hours below)	

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Communication 457SL

72 Communication

Communication Studies Core (18 hours)

COMM 123	Introduction to Media Writing	3
COMM 135	Speech Fundamentals.....	3
COMM 201	Strategic Communication Techniques/Skills	3
COMM 208	Introduction to Digital Media	3
COMM 322	Mass Media.....	3
COMM 457	Senior Communication Studies Theory/Research Seminar (Capstone Course) ..	3

Professional Competencies (12 hours, with 6 hours in two of three areas)

Writing (6 hours)

COMM 324	Writing for Targeted Audiences	3
COMM 325	News Writing and Reporting	3

Speech (6 hours)

COMM 337	Oral Interpretation of Literature.....	3
COMM 436	Advanced Public Speaking	3

Production (6 hours)

COMM 209SL	Video Production	3
COMM 304	Advanced Production.....	3

Additional Requirements (20 hours)

COMM 323	Public Relations	3
COMM 404	Communication Law and Ethics	3
COMM 429SL	Nonprofit Campaigns	3
COMM Elective	.....	3
PSY 212	Social Entrepreneurship Seminar.....	2
PSY 312SL	Social Entrepreneurship and Nonprofit Studies	3
Three (3) hours from the following:		
PSY 301	Social Psychology	3
SOC 205SL	Sociology of Community	3

Elective Hours (26 hours)26

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. The Communication department offers minors in both Communication Studies and Speech.

Communication Studies Minor Requirements (18 hours)

COMM 123	Introduction to Media Writing	3
COMM 201	Strategic Communication Techniques/Skills	3
COMM 208	Introduction to Digital Media	3
COMM Electives	.....	9

Speech Minor Requirements (18 hours)

COMM 135	Speech Fundamentals.....	3
COMM 230	Interpersonal Communication.....	3
COMM 337	Oral Interpretation of Literature.....	3
COMM 436	Advanced Public Speaking	3
Six (6) hours from the following:		
COMM 101F/301F	Forensics Practicum (may be repeated for credit)	1
COMM 424	Persuasion	3
COMM 433	Small Group Communication	3

For a major in Theatre, a student must complete the Liberal Arts core and the required courses for the Theatre major.

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL2

Studies in Biblical Traditions (6 hours)

Religion 101, 1026

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (15 hours)

English 201, 3016

TH 110 (as listed in major hours below)

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Theatre 419, 420

Theatre Major Requirements (40 hours)

TH 101A Theatre Practicum2

TH 110 Introduction to Theatre.....3

TH 214 Basic Acting3

TH 218 Scenery Construction and Lighting3

TH 219 Costume Construction and Makeup.....3

TH 310 Play Direction3

TH 321 Scenography.....3

TH 410SL Production Development3

TH 419 Senior Theatre Research/Project I (Capstone Course).....1

TH 420 Senior Theatre Research/Project II (Capstone Course)2

TH 301A Theatre Practicum2

ENG 342 Studies in Drama.....3

ENG 423 Shakespeare.....3

Six (6) hours from the following:

MUS 030 Lyric Theatre (may be repeated for credit)1

COMM/FILM 208 Introduction to Digital Media3

COMM 337 Oral Interpretation of Literature.....3

PE 009A Fencing.....1

PE 048A Judo1

PE 303 Teaching & Assessment in Rhythmic Movement and Educational Gymnastics .3

Not more than 3 hours combined from PE 009A and PE 048A may count towards the major.

Elective Hours (36 hours)36

Teacher Licensure: For licensure in Theatre K-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL2

Studies in Biblical Traditions (6 hours)

Religion 101, 1026

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

74 Communication

Studies in Mathematics and Science (9 hours)

Mathematics 105 or 106.....	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

History 201 or 202 or Political Science 101 or 102.....	3
Psychology 204, Psychology 206, or Child and Family Studies 206	3

Studies to Enhance a World Perspective (15 hours)

English 201, 301	6
TH 110 (as listed in major hours below)	
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Theatre 419 and 420

Theatre Major Requirements (43 hours)

TH 101A	Theatre Practicum	2
TH 110	Introduction to Theatre.....	3
TH 212	Voice and Physical Preparation.....	3
TH 214	Basic Acting	3
TH 218	Scenery Construction and Lighting	3
TH 219	Costume Construction and Makeup.....	3
TH 301A	Theatre Practicum	2
TH 310	Play Direction	3
TH 321	Scenography.....	3
TH 410SL	Production Development	3
TH 416	Advanced Acting.....	3
TH 419	Senior Theatre Research/Project I (Capstone Course).....	1
TH 420	Senior Theatre Research/Project II (Capstone Course)	2
COMM 337	Oral Interpretation of Literature.....	3
ENG 342	Studies in Drama.....	3
ENG 423	Shakespeare.....	3

Professional Education (37 hours)

EDUC 203SL	Foundations of Education	3
EDUC 204	Educational Technology.....	3
EDUC 205	Introduction to Diagnostic Reaching Instruction: Techniques and Strategies	3
EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350	Diversity in Schools, Homes, and Communities	2
EDUC 403	Assessment and Evaluation.....	3
EDUC 420	Content-Area Methods in 6-12 Classroom	3
EDUC 432	Disciplinary Literacy	2
SPED 313	Survey of Persons with Exceptionalities.....	3
EDUC 463	Seminar in Student Teaching	2
EDUC 465	Student Teaching: Placement One	5
EDUC 467	Student Teaching: Placement Two	5

Minor

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Students may also pursue a minor in Theatre.

Theatre Minor Requirements (18 hours)

TH 110	Introduction to Theatre.....	3
TH 214	Basic Acting	3
TH 218	Scenery Construction and Lighting	
or TH 219	Costume Construction and Makeup.....	3
Nine (9) hours from the following:		
ENG 342	Studies in Drama.....	3
ENG 423	Shakespeare.....	3
ART 381	Lyric Theatre Design.....	3
MUS 030	Lyric Theatre (may be repeated for credit)	1

COMM/FILM 208	Introduction to Digital Media	3
COMM 337	Oral Interpretation of Literature.....	3
PE 009A	Fencing.....	1
PE 048A	Judo	1
PE 303	Teaching & Assessment in Rhythmic Movement and Educational Gymnastics	3

Not more than 3 hours combined from PE 009A and PE 048A may count towards the minor.

Computer Science

Henry Suters, Seongyong Hong

Major

Computer Science

Emphasis in Applied/Management

Emphasis in Traditional/Theoretical

Minor

Computer Science

The Computer Science program is located on the first level of Dougherty Science Center with classes primarily taught in the Dougherty Science Center and in Ted Russell Hall.

Objectives

The Computer Science program develops skills in the theory and application of computer technology. The program consists of two tracks: applied/management and traditional/theoretical. The applied/management track is intended for students interested in pursuing careers or further study in the application of computer technology in business as well as the management of large computer based projects. The traditional/theoretical track is intended for students interested in careers and further study in programming and in the theoretical underpinning of computer technology.

Students who score a 3 or higher on the Advanced Placement (AP) computer science test can receive 3 semester hours credit in Computer Programming I (CSC 107).

For a major in Computer Science with an emphasis in Applied/Management, a student must complete 51 hours in the program courses listed below. To reach this goal the student must complete all of the courses in the Computer Science Core, all of the courses in the Applied/Management Emphasis, and one additional computer science elective.

Liberal Arts Core Requirements (35-37 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (6-8 hours)

Mathematics 201 (as listed in major hours below)

Laboratory Science 6-8

Studies in Personal/Social Awareness (3 hours)

Economics 210 (as listed in major hours below)

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, MUS 133, music ensembles, or TH 1103

History 133, 134, or 1353

Senior Capstone Course (as listed in major hours below)

CSC 451

76 Computer Science

Core Courses (18 hours)

CSC 107	Computer Programming I	3
CSC 207	Computer Programming II	3
CSC 303	Computer Organization and Architecture	3
CSC 307	Data Structures	3
CSC 320	Systems Programming	3
CSC 451	Senior Capstone	3

Emphasis in Applied/Management (33 hours)

CSC 210	Introduction to Computer Hardware and Networking	3
CSC 310	Networking	3
CSC 312	Database Management	3
BAD 215	Business Information Tools	3
BAD 301	Legal and Ethical Environments of Business	3
ECON 210	Principles of Microeconomics	3
MATH 201	Statistical Concepts and Methods	3
MGT 301SL	Essentials of Management and Leadership	3
MGT 302	Operations Management	3
MKT 300	Principles of Marketing	3
Choose three hours from:		
CSC 308	Algorithms	3
CSC 370	Special Topics (may be repeated with different topic)	3
CSC 406	Principles of Programming Languages	3
CSC 407	Operating Systems	3
MATH 207	Discrete Mathematics	3
MATH 208	Linear Algebra I	3

Elective Hours (32-34) 32-34

For a major in Computer Science with an emphasis in Traditional/Theoretical, a student must complete 51 hours in the program courses listed below. To reach this goal the student must complete all of the courses in the Computer Science Core, all of the courses in the Traditional/Theoretical Emphasis, and two additional computer science electives.

Liberal Arts Core Requirements (38-40 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (6-8 hours)

Mathematics 151 (as listed in major hours below)	
Laboratory Science	6-8

Studies in Personal/Social Awareness (6 hours)

CIS 135, Economics 210, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
Art 204, Art 210, Art 316, Art 317, FA 301, FILM 310, MUS 133, music ensembles, or TH 110	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in major hours below)

CSC 451	
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Core Courses (18 hours)

CSC 107	Computer Programming I	3
CSC 207	Computer Programming II	3
CSC 303	Computer Organization and Architecture	3
CSC 307	Data Structures	3
CSC 320	Systems Programming	3
CSC 451	Senior Capstone	3

Emphasis in Traditional/Theoretical (33 hours)

CSC 308	Algorithms	3
CSC 370	Special Topics	3
CSC 405	Theory of Computation.....	3
CSC 406	Principles of Programming Languages.....	3
CSC 407	Operating Systems	3
MATH 151	Calculus I	3
MATH 201	Statistical Concepts and Methods	3
MATH 207	Discrete Mathematics.....	3
MATH 208	Linear Algebra I	3
Choose six hours from:		
CSC 210	Introduction to Computer Hardware and Networking	3
CSC 310	Networking	3
CSC 312	Database Management	3
CSC 370	Special Topics (may be repeated with different topics)	3
MATH 152	Calculus II	3
MATH 211	Calculus III.....	3
MATH 303	Differential Equations	3

Elective Hours (29-31) 29-31

Minor

A Computer Science minor consists of a minimum of 18 credit hours. Of these, twelve hours must come from the following required core courses. Only six of these hours can be counted toward a major, another minor, or the core.

Core Courses (15 hours)

CSC 107	Computer Programming I	3
CSC 207	Computer Programming II	3
CSC 210	Introduction to Computer Hardware and Networking	3
CSC 303	Computer Organization and Architecture	3
CSC 307	Data Structures.....	3
Choose three hours from:		
CSC 308	Algorithms	3
CSC 310	Networking	3
CSC 312	Database Management	3
CSC 320	Systems Programming	3
CSC 370	Special Topics	3
CSC 405	Theory of Computation.....	3
CSC 406	Principles of Programming Languages.....	3
CSC 407	Operating Systems	3

Education

Tammy Barnes, Ronda Blevins, Mark Brock, Steve Davidson, Brenda Dean, Mark Gonzales, Kimberly Hawkins, Danny Hinson, Jeff Knox, Cindy Lang, Sandy Long, Julia Price, Rodney Russell, Brian Sohn, P. Mark Taylor, Earnest Walker, Timothy Guthrie, Certification

Majors**Bachelor of Arts**

Liberal Studies

Liberal Studies with Elementary Education (K-5)

Liberal Studies with Middle Grades Education (6-8)

Majors**Bachelor of Science**

Human Exceptionalities

Special Education

Minors

Education

78 Education

The Teacher Education Program of Carson-Newman University is being constantly refined to meet the State of Tennessee's new licensure requirements for teachers. As a result, there may be changes in the course offerings and in the program requirements for students preparing to become teachers. Interested students should stay in contact with the Department of Education, via the University website and e-mail, to be aware of any changes that may affect them.

Accreditation

Carson-Newman is accredited by the Council for the Accreditation of Educator Preparation (CAEP), and its teacher licensure programs are approved by the Tennessee State Board of Education. Satisfactory completion of the Teacher Education Program with an approved subject area fulfills Tennessee licensure requirements and those of most other states. Any student desiring licensure in other states should check the licensure requirements of those particular states.

Facilities

The Department of Education is located on the first level of Stokely Memorial. Its facilities include the Cole-Little Curriculum Laboratory, containing elementary and secondary textbooks required by the Tennessee Department of Education as well as the Lynn Alexander Children's Literature Collection, and the Morgan Computer Laboratory. Nine of the classrooms in Stokely are also equipped with interactive white boards, and the wireless network is available throughout the department for student use. Majors in teacher education programs complete a semester of student teaching during the senior year, in addition to practica during their college career. Students may join the Student National Education Association and Best Buddies. Students are required to join a professional organization that provides liability insurance when they are enrolled in a course that requires a practicum experience. Specific details concerning teacher education programs can be found on The Department of Teacher Education web site at www.cn.edu. Students with appropriate grade point averages are eligible for affiliate membership in Kappa Delta Pi.

Education Partnership Advisory Council

The Education Partnership Advisory Council is an advisory group made up of sub-groups of students, faculty, and community representatives from P-12 schools and the private sector. These groups provide leadership in developing and evaluating curricula, programs, and policies for the education unit.

Graduate Studies

In keeping with the tradition of excellence in education, Carson-Newman offers multiple graduate degrees in education (MEd, MAT, EdS, and EdD). The Master of Education degree offers a major in educational leadership or curriculum and instruction with emphases in athletic coaching, special education, reading specialist, and teaching English as a second language. The Master of Arts in Teaching degree offers majors in curriculum and instruction and English as a Second Language (ESL). The Educational Specialist and doctoral degrees offer majors in administrative leadership and curriculum and instruction.

Transfer students

Transfer students in liberal studies with elementary education may not substitute coursework from two-year institutions for 400 level courses. Transfer students should contact the Teacher Education Director of Certification at 865-471-3444 to ensure completion of appropriate requirements.

Licensure Areas and Requirements

K-12 areas: Theatre, Visual Arts, Music: Instrumental, Music: Vocal/General, Physical Education, and Special Education: Comprehensive.

Early Childhood Education: Preschool through Grade 3

Liberal Studies with Elementary Education (K-5): See Liberal Studies major.

Liberal Studies with Middle Grades Education (6-8): See Liberal Studies major.

Special Education Interventionist (K-8)

Curricula for Early Childhood, Secondary, and K-12 Licensure Programs

Those students who desire licensure in Business Education, Biology, Chemistry, English, History, Mathematics, Music, Physics, Political Science, Physical Education, Psychology, Spanish, Theatre, Visual Arts, and Family and Consumer Sciences should consult the content area section of the University catalog for their licensure area requirements.

General Requirements and Recommendations for Licensure

Students will be recommended for licensure in their chosen fields to the Tennessee State Department of Education after being admitted to the Teacher Education Program, completing required courses, passing required content area exams, and completing a semester of student teaching. All students are required to complete practicum and student teaching experiences. Before any practicum experiences will be assigned, students will be required to clear a background record check and provide proof of liability insurance. Field placements will not be at a distance greater than 50 miles from our main campus in Jefferson City.

Admission to Teacher Education Program, Student Teaching, and Graduation and Licensure

Requirements for admission to the Teacher Education Program, student teaching, and graduation and licensure are published in the current edition of the Teacher Education Handbook. The handbook is maintained by, and available in, the Education Department. Because the Tennessee Department of Education changes requirements, it is the student's responsibility to regularly check the Teacher Education Handbook for admission requirements.

Appeals Procedures

Students who wish to appeal admission requirements, either to the Teacher Education Program or to the student teaching semester, must follow the procedures outlined in The Department of Teacher Education Handbook.

Curricula for Liberal Studies Majors

For a BA with a major in liberal studies (without licensure), a student must complete the Liberal Arts Core Requirement (48 hours). A student must receive 6 hours in the same language at either the 100 or 200 level based on the results of the placement exam. In addition to the required courses (44 hours), students must also complete a minor or second major:

Liberal Arts Core Requirements – (47 total hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (same language in sequence at appropriate level).....6

Senior Capstone Course (as listed in major hours below)

Education 461

Liberal Studies Major (non-licensure) (40 hours)

ECON 204 Economic Concepts3

or ECON 210 Principles of Microeconomics

EDUC 314 Literacy Development through Language Arts.....3

EDUC 341 Curriculum, Instruction, and Management of the K-6 Classroom.....3

EDUC 414SL Reading Instruction and Assessment3

EDUC 461 Liberal Arts Education Capstone Seminar1

ENG 204 Literature for Children and Youth.....3

GEOG 201 World Regional Geography I.....3

or GEOG 202 World Regional Geography II

or BIOL 303 Soils and Geological Science

GEOL 201 Introduction to Physical Geology3

HIST 201 United States History I.....3

or HIST 202 United States History II

MATH 106 Basic Concepts II.....3

MATH 201 Statistical Concepts and Methods3

MUS 341 General Music Education: Elementary3

or ART 308 Art Methods for Elementary Teachers

or PE 302SL Teaching Health and Physical Education in Elementary School

PHYS 102 Basic Physics and Astronomy3

SPED 318 Techniques for the Inclusion of Diverse Learners3

Elective Hours (33 hours)33

80 Education

For a BA with a major in liberal studies with elementary education K-5 licensure, the following requirements must be met:

Liberal Arts Core Requirements – (47 total hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 101*3

Communication 135* or 230*3

Studies in Mathematics and Science (9 hours)

Mathematics 105.....3

Biology 101 or Biology 1023

Chemistry 100 or Physics 102 or BIOL 303.....3

Studies in Personal/Social Awareness (6-7 hours)

Political Science 101 or 1023

Psychology 204 or 206 or Child and Family Studies 2063

Studies to Enhance a World Perspective (18 hours)

English 201*, 3016

History 133, 134, or 1353

Art 104, Art 210, Art 316, Art 317, Film 310, Music 133, Theatre 110, or Music Ensembles.....3

Language (same language in sequence at appropriate level).....6

Senior Capstone Course (as listed in professional education hours below)

Education 463

Liberal Studies Major (Elementary Education K-5 Licensure) – (38 total hours)

EDUC 205* Introduction to Diagnostic Reading Instruction: Techniques and Strategies.....3

EDUC 314* Literacy Development through Language Arts.....3

EDUC 341* Curriculum, Instruction, and Management of the K-6 Classroom.....3

EDUC 414SL* Reading Instruction and Assessment3

ENG 204* Literature for Children and Youth.....3

MATH 106* Basic Concepts II3

MUS 341* General Music Education: Elementary3

or ART 308* Art Methods for Elementary Teachers

or PE 302SL* Teaching Health and Physical Education in Elementary School

PSY 404* Classroom Management.....2

SPED 318* Techniques for the Inclusion of Diverse Learners3

Electives*12

Professional Education – (35 total hours).

EDUC 203SL* Foundations of Education3

EDUC 204* Educational Technology.....3

EDUC 350* Diversity in Schools, Homes, and Communities2

EDUC 403* Assessment and Evaluations3

EDUC 440* K-8 Mathematics Methods.....3

EDUC 444* K-8 Science Methods.....3

EDUC 449* K-8 Social Studies Methods.....3

SPED 313* Survey of Persons with Exceptionalities.....3

EDUC 463* Seminar in Student Teaching2

EDUC 465* Student Teaching: Placement One5

EDUC 467* Student Teaching: Placement Two5

* Students must make a grade of “C” or better in the course.

To add Special Education Comprehensive K-12 as an additional endorsement, include the following courses: SPED 312 (1 hour), SPED 404 (3 hours), SPED 417 (3 hours), SPED 425 (3 hours) or a total of 10 hours. Students may choose to select elective hours in a content area for an add-on in a specific subject area.

To add Special Education K-8 interventionist as an additional endorsement, include the following courses: SPED 404 (3 hours), SPED 416 (3 hours), and SPED 425 (3 hours) for a total of 9 hours.

For a BA with a major in liberal studies with middle grades (6-8) education licensure, the following requirements must be met:

Liberal Arts Core Requirements – 47 hours

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 101*3

Communication 135* or 230*3

Studies in Mathematics and Science (9 hours)

Mathematics 105.....3

Biology 101.....3

Biology 102 or Chemistry 100 or BIOL 3033

Studies in Personal/Social Awareness (6-7 hours)

Political Science 101 or 1023

Psychology 204 or 206 or Child and Family Studies 2063

Studies to Enhance a World Perspective (18 hours)

English 201*, 3016

History 133, 134, or 1353

Art 104, Art 210, Art 316, Art 317, Film 310, Music 133, Theatre 110, or Music Ensembles.....3

Language (same language in sequence at appropriate level).....6

Senior Capstone Course (as listed in major hours below)

Education 463

Liberal Studies Major (Choose either Mathematics/Science OR Language Arts/Social Studies)

Mathematics/Science (29 hours)

BIOL 102* Environmental Science (whichever course not taken above)3
or CHEM 100*Chemistry in Society

BIOL 105* General Biology I.....4

or BIOL 106* General Biology II

BIOL 303* Soils and Geological Science.....3

MATH 106* Basic Concepts II3

MATH 125* Precalculus4

MATH 151* Calculus I3

MATH 201* Statistical Concepts and Methods3

Math/Science Electives*6

Professional Education - (44 total hours)

EDUC 203SL* Foundations of Education3

EDUC 204* Educational Technology.....3

EDUC 205* Introduction to Diagnostic Reading Instruction: Techniques and Strategies.....3

EDUC 342* Curriculum, Instruction, and Management of the 6-12 Classroom3

EDUC 350* Diversity in Schools, Homes, and Communities2

EDUC 403* Assessment and Evaluations3

EDUC 414SL* Reading Instruction and Assessment3

EDUC 440* K-8 Mathematics Methods.....3

EDUC 444* K-8 Science Methods.....3

SPED 313* Survey of Persons with Exceptionalities.....3

SPED 318* Techniques for the Inclusion of Diverse Learners3

EDUC 463* Seminar in Student Teaching2

EDUC 465* Student Teaching: Placement One5

EDUC 467* Student Teaching: Placement Two5

-- OR --

Language Arts/Social Studies (30 hours)

ENG 204* Literature for Children and Youth.....3

ENG 328* Advanced Composition.....3

ENG 360* American Literature I.....3

or ENG 361* American Literature II

82 Education

ENG 362*	British Literature I.....	3
or ENG 363*	British Literature II.....	
HIST 201*	United States History I.....	3
HIST 202*	United States History II	3
HIST 133*	World History I	3
or HIST 134*	World History II	
HIST 135*	Early Civilizations	3
PSC 101*	Introduction to Civil Rights and Liberties (whichever course not taken above).....	3
or PSC 102*	American Government and Politics	
ECON 210*	Principles of Microeconomics	3
or PSY 102*	Understanding Human Behavior	
or PSY 209*	Psychology of Adjustment and Health	
or SOC 105*	Social Problems	
or SOC 201*	Introduction to Cultural Anthropology	

Professional Education - (41 total hours)

EDUC 203SL*	Foundations of Education	3
EDUC 204*	Educational Technology.....	3
EDUC 205*	Introduction to Diagnostic Reading Instruction: Techniques and Strategies.....	3
EDUC 342*	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350*	Diversity in Schools, Homes, and Communities	2
EDUC 403*	Assessment and Evaluations	3
EDUC 414SL*	Reading Instruction and Assessment	3
EDUC 449*	K-8 Social Studies Methods.....	3
SPED 313*	Survey of Persons with Exceptionalities.....	3
SPED 318*	Techniques for the Inclusion of Diverse Learners	3
EDUC 463*	Seminar in Student Teaching	2
EDUC 465*	Student Teaching: Placement One	5
EDUC 467*	Student Teaching: Placement Two	5

Elective Hours (2 hours).....2

* Student must make a grade of C or better in the course.

Curricula for Special Education Majors

A major in special education may lead to licensure as a Comprehensive K-12 special educator, a K-8 interventionist, or a 6-12 interventionist. For a BS with a major in special education, a student must meet the following requirements:

Liberal Arts Core Requirements (41 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101*	3
Communication 135* or 230*	3

Studies in Mathematics and Science (9 hours)

Mathematics 105.....	3
Biology 101 or 102	3
Physics 102 or Chemistry 100 or Biology 303.....	3

Studies in Personal/Social Awareness (6 hours)

Political Science 101 or 102	3
Psychology 206* or Child and Family Studies 206*	3

Studies to Enhance a World Perspective (12 hours)

English 201*, 301	6
History 133 or 134 or 135.....	3
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3

Senior Capstone Course (as listed in major hours below)

Special Education 463	
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Note: Students may elect 6 hours of foreign language, same language in sequence at appropriate level, in place of ASL 201/202 as listed below.

Special Education Major (Choose Comprehensive K-12 or K-8 Interventionist or 6-12 Interventionist)**Comprehensive K-12 (40 hours)**

ART 308*	Art Methods for Elementary Teachers	3
or MUS 341*	General Music Education: Elementary	
or PE 302SL*	Teaching Health and Physical Education in Elementary School	
or PE 407SL*	Adapted Physical Education	
ASL 201*	American Sign Language I (may substitute foreign language).....	3
ASL 202*	American Sign Language II (may substitute foreign language).....	3
EDUC 205*	Introduction to Diagnostic Reading Instruction: Techniques and Strategies ...	3
EDUC 314*	Literacy Development through Language Arts	3
EDUC 341*	Curriculum, Instruction, and Management of the K-6 Classroom	3
EDUC 414SL*	Reading Instruction and Assessment	3
MATH 106*	Basic Concepts II.....	3
SPED 312*	Transition and Vocation Education.....	1
SPED 318*	Techniques for Inclusion of Diverse Learners.....	3
SPED 408*	Gifted and Talented Learners	3
SPED 416*	Characteristics/Strategies of Mild/Moderate Disabilities.....	3
SPED 417*	Characteristics/Needs of Low Incidence Disabilities.....	3
SPED 425*	Managing Challenging Behaviors.....	3

Professional Education Requirements (29 hours)

EDUC 203SL*	Foundations of Education	3
EDUC 204*	Educational Technology.....	3
EDUC 350*	Diversity in Schools, Homes, and Communities	2
EDUC 403*	Assessment and Evaluations	3
SPED 313*	Survey of Persons with Exceptionalities.....	3
SPED 404*	Assessment and Diagnosis of Persons with Exceptionalities	3
SPED 463*	Seminar in Student Teaching	2
EDUC 465*	Student Teaching: Placement One	5
or SPED 465*	Student Teaching: Placement One	
EDUC 467*	Student Teaching: Placement Two	5
or SPED 467*	Student Teaching: Placement Two	

Elective Hours (10).....10

*Student must make a grade of C or better in the course.

The K-5 endorsement may be added to the special education license by passing the appropriate Praxis II exams.

-- OR --

K-8 Interventionist (44 hours)

ART 308*	Art Methods for Elementary Teachers	3
or MUS 341*	General Music Education: Elementary	
or PE 302SL*	Teaching Health and Physical Education in Elementary School	
or PE 407SL*	Adapted Physical Education	
ASL 201*	American Sign Language I (may substitute foreign language).....	3
ASL 202*	American Sign Language II (may substitute foreign language).....	3
EDUC 205*	Introduction to Diagnostic Reading Instruction: Techniques and Strategies ...	3
EDUC 314*	Literacy Development through Language Arts	3
EDUC 341*	Curriculum, Instruction, and Management of the K-6 Classroom	3
EDUC 414SL*	Reading Instruction and Assessment	3
ENG 204*	Literature for Children and Youth	3
MATH 106*	Basic Concepts II.....	3
PSY 404*	Classroom Management	2
SPED 318*	Techniques for Inclusion of Diverse Learners.....	3
SPED 408*	Gifted and Talented Learners	3
SPED 416*	Characteristics/Strategies of Mild/Moderate Disabilities.....	3
SPED 417*	Characteristics/Needs of Low Incidence Disabilities.....	3
SPED 425*	Managing Challenging Behaviors.....	3

Professional Education Requirements (29 hours)

EDUC 203SL*	Foundations of Education	3
EDUC 204*	Educational Technology.....	3
EDUC 350*	Diversity in Schools, Homes, and Communities	2
EDUC 403*	Assessment and Evaluations	3
SPED 313*	Survey of Persons with Exceptionalities.....	3
SPED 404*	Assessment and Diagnosis of Persons with Exceptionalities	3
SPED 463*	Seminar in Student Teaching	2
EDUC 465*	Student Teaching: Placement One	5
or SPED 465*	Student Teaching: Placement One	
EDUC 467*	Student Teaching: Placement Two	5
or SPED 467*	Student Teaching: Placement Two	

Elective Hours (6 hours).....6

*Student must make a grade of C or better in the course.

-- OR --

6-12 Interventionist (46 hours)

ASL 201*	American Sign Language I (may substitute foreign language).....	3
ASL 202*	American Sign Language II (may substitute foreign language).....	3
EDUC 205*	Introduction to Diagnostic Reading Instruction: Techniques and Strategies ...	3
EDUC 342*	Curriculum, Instruction, and Management of the Middle Grades Classroom .	3
EDUC 414SL*	Reading Instruction and Assessment.....	3
MATH 106*	Basic Concepts II.....	3
SPED 312*	Transition and Vocation Education.....	1
SPED 318*	Techniques for Inclusion of Diverse Learners.....	3
SPED 408*	Gifted and Talented Learners	3
SPED 416*	Characteristics/Strategies of Mild/Moderate Disabilities.....	3
SPED 425*	Managing Challenging Behaviors	3
Content-Specific Courses*	.....	15

Consult with an advisor to choose content-specific courses in a particular core subject (e.g., math, English, history, biology).

Professional Education Requirements (33 hours)

EDUC 203SL*	Foundations of Education	3
EDUC 204*	Educational Technology.....	3
EDUC 350*	Diversity in Schools, Homes, and Communities	2
EDUC 403*	Assessment and Evaluations	3
EDUC 420*	Content-Area Methods in 6-12 Classrooms.....	3
SPED 313*	Survey of Persons with Exceptionalities.....	3
SPED 404*	Assessment and Diagnosis of Persons with Exceptionalities	3
SPED 463*	Seminar in Student Teaching	2
EDUC 465*	Student Teaching: Placement One	5
or SPED 465*	Student Teaching: Placement One	
EDUC 467*	Student Teaching: Placement Two	5
or SPED 467*	Student Teaching: Placement Two	

*Student must make a grade of C or better in the course.

Curricula for Human Exceptionalities Majors

The Human Exceptionalities major offers a program to students interested in working with persons with disabilities but not as licensed teachers. Graduates in Human Exceptionalities work in settings such as adult service agencies, vocational rehabilitation agencies and hospital treatment/institutional settings. Students seeking admission to pre-professional graduate programs in speech-language pathology or occupational therapy will find that the Human Exceptionalities major prepares them to competitively apply by following a prescribed program of electives. Pre-occupational therapy students will also be required to abide by the Health Professions Advising Committee (HPAC) policies.

For a BS with a major in Human Exceptionalities, students must complete the following curriculum:

Liberal Arts Core Requirements (41 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Senior Capstone Course (as listed in major hours below)

Education 461

Human Exceptionalities Major (45 hours)

ASL 201 American Sign Language I (may substitute foreign language)3

ASL 202 American Sign Language II (may substitute foreign language)3

ENG 204 Literature for Children and Youth3

PE 407 Adapted Physical Education3

or MUS 341 General Music Education: Elementary

or PE 302SL Teaching Health and Physical Education in Elementary School

or ART 308 Art Methods for Elementary Teachers

PSY 204 Psychology of Childhood and Adolescence.....3

or PSY 206 Human Development Through the Lifespan

or CFS 206 Human Development Through the Lifespan

EDUC 205 Introduction to Diagnostic Reading Instruction: Techniques and Strategies.....3

EDUC 314 Literacy Development through Language Arts.....3

EDUC 341 Curriculum, Instruction, and Management of the K-6 Classroom.....3

or EDUC 342 Curriculum, Instruction, and Management of the Middle Grades Classroom

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 461 Liberal Arts Education Capstone Seminar1

SPED 313 Survey of Persons with Exceptionalities.....3

SPED 318 Techniques for the Inclusion of Diverse Learners3

SPED 408 Gifted and Talented Learners.....3

SPED 416 Characteristics/Strategies of Mild/Moderate Disabilities3

SPED 417 Characteristics/Needs of Low Incidence Disabilities3

SPED 425 Managing Challenging Behaviors.....3

Elective Hours (34 hours)34

Education Minor

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Requirements for a minor in Education are as follows:

Required Core (6 hours):

EDUC 203SL Foundations of Education3

SPED 313 Survey of Persons with Exceptionalities.....3

Choose 12 hours of courses with the EDUC and/or SPED designation12

English

Joshua Bivens, Matthew Bryant Cheney, Shannon Carpenter Collins, Jennifer Hall, Wesley McMasters, Damjana Mraovic-O’Hare, Shawn O’Hare, Mike Sobiech, Susan O’Dell Underwood, Kip Wheeler

Major
English

- Emphasis in Creative Writing
- Emphasis in Literature

Minor
Creative Writing
English
Professional Writing

Interdisciplinary minors (See descriptions under Majors, Emphases, Minors, Programs.)

- Environment and Community
- Film
- Women’s Studies

Specialization

- English with an emphasis in Creative Writing with 6-12 Teacher Licensure
- English with an emphasis in Literature with 6-12 Teacher Licensure

The Department of English is located on the third floor of Henderson Humanities Building.

Majors are eligible for membership in Sigma Tau Delta, the English honor society. *Ampersand*, a journal for student writing, is published by the Department of English.

Students earning an English major must demonstrate competency in a modern foreign language at the sophomore (201/202) level or achieve equivalent credit through placement tests.

All English majors are required to take 39 hours in English, including 24 hours General Requirements and 15 hours from an emphasis area. English 101, 201 and 301 do not count as hours toward the major requirement.

For a BA degree in **English with an emphasis in Creative Writing**, the student must complete the following requirements:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)	
Liberal Arts 101SL.....	2
Studies in Biblical Traditions (6 hours)	
Religion 101, 102.....	6
Studies in Communications (6 hours)	
English 101	3
Communication 135 or 230	3
Studies in Mathematics and Science (9 hours)	
Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6
Studies in Personal/Social Awareness (6 hours)	
Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Political Science	3
Studies to Enhance a World Perspective (18 hours)	
English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Foreign Language (modern foreign language at the 200-level or equivalent).....	6
Senior Capstone Course (as listed in major hours below)	
English 460	

General Requirements — 24 hours including the following:

ENG 305	Literary Criticism and Theory.....	3
ENG 328	Advanced Grammar and the History of English.....	3
ENG 360	American Literature I.....	3
ENG 361	American Literature II	3
ENG 362	British Literature I.....	3
ENG 363	British Literature II	3
ENG 423	Shakespeare.....	3
ENG 460	English Seminar.....	3

Emphasis in Creative Writing — 15 hours including the following:

ENG 317	Creative Writing: Three Genres	3
ENG 327	Seminar in Creative Writing	3

Six hours from:

ENG 321	Creative Writing: Poetry	3
ENG 323	Creative Writing: Short Story	3
ENG 325	Creative Writing: Memoir and Creative Non-Fiction	3

Three hours from:

ENG 340	Studies in the Novel	3
ENG 341	Studies in the Short Story	3
ENG 342	Studies in Drama.....	3
ENG 343	Studies in Poetry	3

Elective Hours (34 hours)34

For a BA degree in **English with an emphasis in Literature**, the student must complete the following requirements:

Liberal Arts Core Requirements (47 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Political Science	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Foreign Language (modern foreign language at the 200-level or equivalent).....	6

Senior Capstone Course (as listed in major hours below)

English 460	
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General Requirements — 24 hours including the following:

ENG 305	Literary Criticism and Theory.....	3
ENG 328	Advanced Grammar and the History of English.....	3
ENG 360	American Literature I.....	3
ENG 361	American Literature II	3
ENG 362	British Literature I.....	3
ENG 363	British Literature II	3
ENG 423	Shakespeare.....	3
ENG 460	English Seminar.....	3

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Emphasis in Literature — 15 hours including the following:

Three hours from:

ENG 450	Major Authors of American Literature	3
ENG 451	Major Authors of British Literature	3

Three hours from:

ENG 340	Studies in the Novel	3
ENG 341	Studies in the Short Story	3
ENG 342	Studies in Drama	3
ENG 343	Studies in Poetry	3

Three hours from:

ENG 433	Topics	3
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Six ENG elective hours (excluding ENG 300 and 465)6

Electives Hours (34 hours)34

Teacher Licensure: For licensure in English with Creative Writing 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies 206* or Psychology 206*	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Foreign Language (modern foreign language at the 200-level or equivalent).....	6

Senior Capstone Course (as listed in major hours below)

English 460

General Requirements — 27 hours including the following:

ENG 204	Literature for Children and Youth.....	3
ENG 305	Literary Criticism and Theory.....	3
ENG 328	Advanced Grammar and the History of English.....	3
ENG 360	American Literature I.....	3
ENG 361	American Literature II	3
ENG 362	British Literature I.....	3
ENG 363	British Literature II	3
ENG 423	Shakespeare.....	3
ENG 460	English Seminar	3

Emphasis in Creative Writing — 15 hours including the following:

ENG 317	Creative Writing: Three Genres	3
ENG 327	Seminar in Creative Writing	3

Six hours from:

ENG 321	Creative Writing: Poetry	3
ENG 323	Creative Writing: Short Story	3
ENG 325	Creative Writing: Memoir and Creative Non-Fiction.....	3

Three hours from:

ENG 340	Studies in the Novel	3
ENG 341	Studies in the Short Story	3
ENG 342	Studies in Drama.....	3
ENG 343	Studies in Poetry	3

Professional Education (38 hours)

EDUC 203SL	Foundations of Education	3
EDUC 204	Educational Technology.....	3
EDUC 205	Introduction to Diagnostic Reaching Instruction: Techniques and Strategies	3
EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350	Diversity in Schools, Homes, and Communities	2
EDUC 403	Assessment and Evaluation.....	3
EDUC 414SL	Reading Instruction and Assessment	3
EDUC 420	Content-Area Methods in 6-12 Classroom	3
SPED 313	Survey of Persons with Exceptionalities.....	3
EDUC 463	Seminar in Student Teaching	2
EDUC 465	Student Teaching: Placement One	5
EDUC 467	Student Teaching: Placement Two	5

Teacher Licensure: For licensure in English with Literature 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (47 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies 206* or Psychology 206*	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Foreign Language (modern foreign language at the 200-level or equivalent).....	6

Senior Capstone Course (as listed in major hours below)

English 460	
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General Requirements — 27 hours including the following:

ENG 204	Literature for Children and Youth.....	3
ENG 305	Literary Criticism and Theory.....	3
ENG 328	Advanced Grammar and the History of English.....	3
ENG 360	American Literature I.....	3
ENG 361	American Literature II	3
ENG 362	British Literature I.....	3
ENG 363	British Literature II	3
ENG 423	Shakespeare.....	3
ENG 460	English Seminar	3

Emphasis in Literature — 12 hours including the following:

Three hours from:

ENG 450	Major Authors of American Literature	3
ENG 451	Major Authors of British Literature	3

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Three hours from:

ENG 340	Studies in the Novel	3
ENG 341	Studies in the Short Story	3
ENG 342	Studies in Drama	3
ENG 343	Studies in Poetry	3

Three hours from:

ENG 433	Topics	3
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Three ENG elective hours (excluding ENG 300 and 465)3

Professional Education (38 hours)

EDUC 203SL	Foundations of Education	3
EDUC 204	Educational Technology.....	3
EDUC 205	Introduction to Diagnostic Reaching Instruction: Techniques and Strategies	3
EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350	Diversity in Schools, Homes, and Communities	2
EDUC 403	Assessment and Evaluation.....	3
EDUC 414SL	Reading Instruction and Assessment	3
EDUC 420	Content-Area Methods in 6-12 Classroom	3
EDUC 432	Disciplinary Literacy	2
SPED 313	Survey of Persons with Exceptionalities.....	3
EDUC 463	Seminar in Student Teaching	2
EDUC 465	Student Teaching: Placement One	5
EDUC 467	Student Teaching: Placement Two	5

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

English Minor — 18 hours beyond ENG 101, 201, and 301, including the following:

ENG 360	American Literature I.....	3
ENG 361	American Literature II	3
ENG 362	British Literature I.....	3
ENG 363	British Literature II	3
ENG 423	Shakespeare.....	3
Three ENG elective hours (excluding ENG 300 and 465)		3

The Creative Writing Minor prepares students to write in a variety of genres, including poetry, short fiction, creative non-fiction, and memoir. Students will learn to work effectively and collaboratively in creative writing workshops, with a goal of publishing their work.

Creative Writing Minor --- 18 hours beyond ENG 101, 201, and 301, including the following:

ENG 305	Literary Criticism and Theory.....	3
ENG 317	Creative Writing: Three Genres	3
ENG 327	Seminar in Creative Writing	3

Three hours from:

ENG 340	Studies in the Novel	3
ENG 341	Studies in the Short Story	3
ENG 342	Studies in Drama.....	3
ENG 343	Studies in Poetry	3

Six hours from:

ENG 321	Creative Writing: Poetry	3
ENG 323	Creative Writing: Short Story	3
ENG 325	Creative Writing: Memoir and Creative Nonfiction	3

The Professional Writing Minor prepares students for various corporate and non-profit professions, including medical, technical, legal, and administrative. Students will develop both practical experience with and a theoretical knowledge of the writing process, oral and written rhetoric, publishing, editing, and professional problem solving.

Professional Writing Minor --- 18 hours beyond ENG 101, 201, and 301, including the following:

ENG 328	Advanced Grammar and the History of English.....	3
WRIT 201	Business and Professional Communication.....	3
WRIT 307	Scientific and Technical Writing.....	3
WRIT 308	Editing and Publishing.....	3
WRIT 330	Advanced Composition.....	3
WRIT 400	Advanced Rhetoric.....	3

NOTE: Students with low ACT scores in English will be required to complete a course in basic writing skills (ASE 031) prior to enrolling in ENG 101.

The Liberal Arts Core requirement can be met by: (1) completing ENG 101 and 201 or (2) taking the CEEB exam: a score of 4 or 5 on the CEEB entitles a student to credit for ENG 101 or (3) taking the CLEP exam: must pass both the essay and the objective sections of the Subject exams entitled Freshman English to receive credit for ENG 101. The Department of English will evaluate the CLEP exams for appropriate credit.

English Language Institute (ELI) Program

The English Language Institute (ELI) at Carson-Newman University offers an intensive English as a Second Language (ESL) program for international students wishing to improve their academic English language skills to the level needed to enter colleges and universities in the United States. Students enrolled in the ELI have formal instruction in the four skill areas: reading, writing, speaking, listening, as well as grammar and computer instruction. Levels I, II, and III have 25 contact hours of instruction per week and Level IV has 13 contact hours of instruction per week.

Students are allowed to be simultaneously enrolled in Carson-Newman classes while attending the ELI. Level I students are allowed to take 1 credit hour and Levels II and III are allowed to take up to 4 credit hours at Carson-Newman at no extra charge as classes are available and don't conflict with the ELI schedule. Level IV students may take up to 6 undergraduate hours in the University, concurrent with enrollment in the ELI, providing that total credit hours do not exceed 17. The classes taken must be recommended by the ELI director, and they must not conflict with the ELI class schedule. A Level IV student will pay the University at the university hourly rate for each undergraduate semester hour in which the student is enrolled. Students do not receive undergraduate course credit for ELI courses.

Two criteria will be used to determine whether a student may pass from the intensive English program at Carson-Newman's ELI to a regular undergraduate program. First, a student must score at Level C1 or above as administered by two online exams through the ELI on the Common European Framework of Reference for Languages (CEFR). Second, students must receive approval of their writing sample from the Carson-Newman Department of English.

Upon the successful completion of these criteria, students will be matriculated into the regular undergraduate program at CNU. Also, upon successful completion of these criteria, a student will not have to re-take the TOEFL exam for full admission into an undergraduate program. Satisfying these two criteria suffices for admission into the university. Upon the completion of one semester post-ELI with a grade point average of 2.0 or better, students may receive up to 12 hours in ESL to be used as foreign language credit in an undergraduate program that requires foreign language.

For international athletes required to be enrolled in the ELI due to their TOEFL scores, credit hours and grades are used in determining athletic eligibility. Athletic eligibility is set by NCAA rules, and Carson-Newman and the ELI comply with these rules completely.

English Mini-Terms

The English Language Institute may offer a month-long intensive English program for international students at various times throughout the year. Each program will be designed for a specific group of students.

English for Specific Purposes Programs

Special English programs that include internships and observations in local medical institutions, business settings, and educational settings are scheduled as requested by international partner institutions. Contact the Center for Global Education for additional information.

Exercise Science

Greg Stanley, Jean Love

Major

Exercise Science

Exercise Science is located in the Maddox Student Athletics Center (MSAC). Exercise Science is a rigorous program for students aspiring to work in an Allied Health field such as physical therapy, occupational therapy, physician assistant, medicine, athletic training, cardiopulmonary rehab, strength and conditioning, corporate wellness, chiropractic, coaching, or personal training. Students will explore human movement and human physiology and will gain an in-depth understanding of how physical activity affects the human body.

For a BS degree in **Exercise Science**, the student must complete the following requirements:

Liberal Arts Core Requirements (43 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (11 hours)

Mathematics 2013

Biology 207*.....4

Biology 208.....4

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

World History3

Senior Capstone Course (as listed in major hours below)

Exercise Science 449

Content Core Requirements (68 hours)

EXSC 104* Introduction to Exercise Science2

EXSC 215* Testing and Prescription.....4

EXSC 226* Concepts in Exercise and Sport Behavior.....3

EXSC 245* Principles of Strength and Conditioning.....4

EXSC 312SL* Exercise for Special Populations3

EXSC 316* Exercise Science Practicum1

EXSC 331* Prevention and Treatment of Athletic Injuries3

EXSC 440* Physical Activity Epidemiology3

EXSC 449* Strength and Conditioning Program Design.....4

EXSC 469* Exercise Science Internship6

BIOL 105 General Biology I.....4

BIOL 106 General Biology II4

BIOL 305 Medical Terminology I.....2

BIOL 306 Medical Terminology II2

BIOL 403 Physiology of Exercise4

BIOL 407 Kinesiology4

FN 210 Basic Nutrition3

or FN 214 Science of Nutrition

HLTH 202 Wellness: a Lifetime Objective3

PE 402* Human Motor Learning and Performance3

PE 406* Motor Development3

PE 408* Sport Mechanics.....3

Elective Hours (9 hours)9

***Student must make a grade of C or better in the course.**

Family and Consumer Sciences

Lisa Connor, Anna Rae Dutro, Amber N. Roth, Heather M. Whaley

Accreditation

The Carson-Newman Department of Family and Consumer Sciences (FCS) is accredited by the American Association of Family and Consumer Sciences (AAFCS) Council for Accreditation. The Didactic Program in Dietetics (DPD) is accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND) of the Academy of Nutrition and Dietetics (AND).

The family and consumer sciences teacher education programs are approved by the Tennessee State Department of Education and accredited by the Council for the Accreditation of Educator Preparation (CAEP).

Majors

Child and Family Studies

Emphasis in Early Childhood Education preK-3 Teacher Licensure

Family and Consumer Sciences

Emphasis in Consumer Services

Emphasis in Family and Consumer Sciences Education (family and consumer sciences education [6-12] Teacher Licensure)

Fashion Merchandising and Design

Interior Design

Foods and Nutrition

Emphasis in Dietetics

Minor

Interior Design

Located in Blye-Poteat Hall, the Department of Family and Consumer Sciences has expanded, state-of-the-art laboratories and classroom facilities for consumer services; fashion merchandising and design; interior design; foods, nutrition, and dietetics; career and technical education; and child and family studies. In a nearby facility is the Child Development Laboratory (CDL) with a classroom for preschool children, playground, and conference rooms for staff, parents, and student teachers.

All areas of study within the department include a senior internship program for application of college concepts and training. Family and consumer sciences majors, except those in early childhood education, complete a one-semester cooperative learning experience at the cooperative management and housing laboratory, Duncan Hall, located on Russell Street.

Family and consumer sciences majors may join the Carson-Newman student member section of the American Association of Family and Consumer Sciences, the Student Academy of Nutrition and Dietetics, the Carson-Newman Association for the Education of Young Children, the Student Design Association, the Carson-Newman Interior Design Student Organization, and may be eligible for membership in Kappa Omicron Nu, the FCS national scholastic honor society.

Teacher Licensure: Students wishing to receive licensure in early childhood education (PreK-3) or family and consumer sciences education (grades 6-12) must be a major and meet the requirements of the Department of Teacher Education. Because the Tennessee Department of Education changes requirements, it is the student's responsibility to regularly check the Teacher Education Handbook for admission requirements.

Family and Consumer Sciences Core (14 hours)

CS 135*	Personal and Family Management.....	3
CFS 206*	Human Development through the Lifespan.....	3
FCS 121*	Professional Orientation.....	1
FCS 421SL*	Senior Seminar.....	1
FMD 141*	Design, Culture, and the Near Environment.....	3
FN 210 *	Basic Nutrition	3
or FN 214*	Science of Nutrition (required for Foods and Nutrition majors)	

* Students must make a grade of "C" or better in the courses for Child and Family Studies: Early Childhood Education majors, Family and Consumer Sciences Education majors, and Foods and Nutrition majors with Dietetics emphasis with the exception of FMD 141 for the latter major with Dietetics emphasis which requires a grade of "B" or better for FN 114, FN 214, and FN 310. (See specific major for grade requirements.)

Completion of the **liberal arts core**, the **family and consumer sciences core** and **specialization** courses for a major with designated courses from supporting disciplines, along with general electives sufficient to total 120 hours leads to the BS degree.

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For a BS with a major in **child and family studies**, a student must complete courses in the family and consumer sciences core and the following:

Liberal Arts Core Requirements (35 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Any liberal arts laboratory science class.....6

Studies in Personal/Social Awareness (6 hours as listed in FCS core hours)

Consumer Services 135 (as listed in FCS core hours)

Child and Family Studies 206 (as listed in FCS core hours)

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Senior Capstone Course (as listed in FCS core hours)

Family and Consumer Sciences 421SL

Family and Consumer Sciences Core (14 hours)

CS 135 Personal and Family Management.....3

CFS 206 Human Development through the Lifespan.....3

FCS 121 Professional Orientation.....1

FCS 421SL Senior Seminar.....1

FMD 141 Design, Culture, and the Near Environment.....3

FN 210 Basic Nutrition.....3

or FN 214 Science of Nutrition

Child and Family Studies Requirements (41 hours)

CFS 207 Infancy and Early Childhood.....3

CFS 301 Family Relationships3

CFS 304 Parenting3

CFS 305 Family Sciences3

CFS 407 Current Topics in Child and Family Studies.....3

CFS 414 Programs for Young Children I: Creativity and Expression3

CFS 427 Methods of Teaching Child and Family Studies.....1

CFS 465 Internship in Child and Family Studies3

CS 333 Public Policy and the Family3

CS 338 Personal and Family Finance.....3

CS 432 Cooperative Management and Housing4

FCSE 424 Methods of Teaching Family and Consumer Sciences Education.....2

FN 310 Principles of Food Preparation and Meal Management.....4

PSY 421 Human Sexuality.....3

Elective Hours (30 hours)30

For **early childhood education teacher licensure (PreK-3)**, a student must complete courses in the family and consumer sciences core and the following:

Liberal Arts Core Requirements (38 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 101*3

Communication 135* or 230*3

Studies in Mathematics and Science (9 hours)		
Mathematics 105		3
Biology 102 and either Biology 303, Chemistry 100, or Physics 102		6
Studies in Personal/Social Awareness (3 hours)		
History 201 or 202 or Political Science 101 or 102 or 202 (honors)		3
Child and Family Studies 206 (as listed in FCS core hours)		
Studies to Enhance a World Perspective (12 hours)		
English 201*, 301		6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110		3
History 133, 134, or 135		3
Senior Capstone Course (as listed in FCS core hours)		
Family and Consumer Sciences 421SL		
 Family and Consumer Sciences Core (14 hours)		
CS 135*	Personal and Family Management.....	3
CFS 206*	Human Development through the Lifespan.....	3
FCS 121*	Professional Orientation.....	1
FCS 421SL*	Senior Seminar.....	1
FMD 141*	Design, Culture, and the Near Environment.....	3
FN 210 *	Basic Nutrition	3
or FN 214*	Science of Nutrition	
 Early Childhood Education Teacher Licensure Requirements (68 hours)		
CFS 207*	Infancy and Early Childhood.....	3
CFS 301*	Family Relationships	3
CFS 304*	Parenting	3
CFS 305*	Family Sciences	3
CFS 407*	Current Topics in child and Family Studies.....	3
CFS 414*	Programs for Young Children I: Creativity and Expression	3
CFS 415*	Programs for Young Children II: Discovery	4
ENG 204*	Literature for Children and Youth.....	3
MATH 106*	Basic Concepts II	3
SPED 313*	Survey of Persons with Exceptionalities.....	3
EDUC 203SL*	Foundations of Education	3
EDUC 204*	Educational Technology.....	3
EDUC 205*	Introduction to Diagnostic Reading Instruction: Techniques and Strategies.....	3
EDUC 314*	Literacy Development through Language Arts.....	3
EDUC 341*	Children in Elementary Schools	3
EDUC 403*	Assessment and Evaluation.....	3
EDUC 414SL*	Reading Instruction and Assessment	3
EDUC 415*	Mathematics, Science, and Social Studies in the Primary Grades.....	4
EDUC 463*	Seminar in Student Teaching	2
EDUC 465*	Student Teaching: Placement One	5
EDUC 467*	Student Teaching: Placement Two	5

* Students must make a grade of "C" or better in the course.

For a BS with a major in **family and consumer sciences** (without licensure), a student must complete courses in the family and consumer sciences core and the following:

Liberal Arts Core Requirements (35 hours)

Liberal Arts (2 hours)		
Liberal Arts 101SL.....		2
Studies in Biblical Traditions (6 hours)		
Religion 101, 102.....		6
Studies in Communications (6 hours)		
English 101		3
Communication 135 or 230		3
Studies in Mathematics and Science (9 hours)		
Any Mathematics 100 level class, 201, or 207		3
Any liberal arts laboratory science class.....		6

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Studies in Personal/Social Awareness (6 hours as listed in FCS core hours)

- Consumer Services 135 (as listed in FCS core hours)
- Child and Family Studies 206 (as listed in FCS core hours)

Studies to Enhance a World Perspective (12 hours)

- English 201, 3016
- Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103
- History 133, 134, or 1353

Senior Capstone Course (as listed in FCS core hours)

- Family and Consumer Sciences 421SL

Family and Consumer Sciences Core (14 hours)

- CS 135 Personal and Family Management.....3
- CFS 206 Human Development through the Lifespan.....3
- FCS 121 Professional Orientation.....1
- FCS 421SL Senior Seminar.....1
- FMD 141 Design, Culture, and the Near Environment.....3
- FN 210 Basic Nutrition3
- or FN 214 Science of Nutrition

Family and Consumer Services (without licensure) (29-36 hours)

- CFS 301 Family Relationships3
- CFS 304 Parenting3
- CFS 305 Family Sciences3
- CFS 427 Methods of Teaching Practicum1
- or FCSE 426
- CS 338 Personal and Family Finance.....3
- CS 432 Cooperative Management and Housing.....4
- FCS 465 Internship in Family and Consumer Sciences..... 3-10
- or EDUC 465* Student Teaching: Placement One
- and EDUC 467* Student Teaching: Placement Two
- FCSE 320 Introduction to Family and Consumer Sciences Education.....3
- FCSE 424 Methods of Teaching Family and Consumer Sciences2
- FN 310 Principles of Food Preparation and Meal Management.....4

Elective Hours (35-42) 35-42

For a BS with a major in **family and consumer sciences with an emphasis in consumer services**, a student must complete courses in the family and consumer sciences core and the following:

Liberal Arts Core Requirements (35 hours)

Liberal Arts (2 hours)

- Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

- Religion 101, 102.....6

Studies in Communications (6 hours)

- English 1013
- Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

- Any Mathematics 100 level class, 201, or 2073
- Any liberal arts laboratory science class.....6

Studies in Personal/Social Awareness (6 hours as listed in FCS core hours)

- Consumer Services 135 (as listed in FCS core hours)
- Child and Family Studies 206 (as listed in FCS core hours)

Studies to Enhance a World Perspective (12 hours)

- English 201, 3016
- Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103
- History 133, 134, or 1353

Senior Capstone Course (as listed in FCS core hours)

- Family and Consumer Sciences 421SL

Family and Consumer Sciences Core (14 hours)

CS 135	Personal and Family Management.....	3
CFS 206	Human Development through the Lifespan.....	3
FCS 121	Professional Orientation.....	1
FCS 421SL	Senior Seminar.....	1
FMD 141	Design, Culture, and the Near Environment.....	3
FN 210	Basic Nutrition	3
or FN 214	Science of Nutrition	

Consumer Services Requirements (41 hours)

CFS 427	Methods of Teaching Practicum	1
CS 333	Public Policy and the Family	3
CS 338	Personal and Family Finance.....	3
CS 339	Financial Counseling	3
CS 432	Cooperative Management and Housing.....	4
CS 467	Internship in Consumer Services	3
FCSE 320	Introduction to Family and Consumer Sciences Education.....	3
FCSE 424	Methods of Teaching Family and Consumer Sciences Education.....	3
FCS 321	Professional and Multicultural Etiquette	2
FMD 241	Textiles.....	3
FMD 242	Clothing Construction.....	3
FMD 442	Fashion Advertising and Promotion.....	3
FN 310	Principles of Food Preparation and Meal Management.....	4
INTD 101	Interior Design Fundamentals.....	3

Elective Hours (30 hours)30

For a BS in **family and consumer sciences with an emphasis in family and consumer sciences education with licensure**, a student must complete courses within the family and consumer sciences core and the following:

Liberal Arts Core Requirements (35 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101*	3
Communication 135* or 230*	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level class, 201, or 207	3
Any liberal arts laboratory science class.....	6

Studies in Personal/Social Awareness (6 hours as listed in FCS core hours)

Consumer Services 135* (as listed in FCS core hours)	
Child and Family Studies 206* (as listed in FCS core hours)	

Studies to Enhance a World Perspective (12 hours)

English 201*, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in FCS core hours)

Family and Consumer Sciences 421SL*	
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Family and Consumer Sciences Core (14 hours)

CS 135*	Personal and Family Management.....	3
CFS 206*	Human Development through the Lifespan.....	3
FCS 121*	Professional Orientation.....	1
FCS 421SL*	Senior Seminar.....	1
FMD 141*	Design, Culture, and the Near Environment.....	3
FN 210 *	Basic Nutrition	3
or FN 214*	Science of Nutrition	

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Family and Consumer Sciences Education Requirements (66 hours)

CFS 301*	Family Relationships	3
CFS 304*	Parenting	3
CFS 305*	Family Sciences	3
CS 338*	Personal and Family Finance	3
CS 432*	Cooperative Management and Housing	4
FCSE 320*	Introduction to Family and Consumer Sciences Education	3
FCSE 424*	Methods of Teaching Family and Consumer Sciences Education	2
FCSE 426*	Methods of Teaching FCSE Practicum	1
FMD 241*	Textiles	3
FMD 242*	Clothing Construction	3
FN 310*	Principles of Food Preparation and Meal Management	4
INTD 101*	Interior Design Fundamentals	3
EDUC 203SL*	Foundations of Education	3
EDUC 204*	Educational Technology	3
EDUC 205*	Introduction to Diagnostic Reading Instruction: Techniques and Strategies	3
EDUC 342*	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350*	Diversity in Schools, Homes, and Communities	2
EDUC 432*	Disciplinary Literacy	2
EDUC 463*	Seminar in Student Teaching	2
EDUC 465*	Student Teaching: Placement One	5
EDUC 467*	Student Teaching: Placement Two	5
SPED 313*	Survey of Persons with Exceptionalities	3

Elective Hours (5 hours)5

* Students must make a grade of “C” or better in the course.

For additional endorsements in family and consumer sciences education, a student must complete the requirements for family and consumer sciences education and the following additional requirements (12-14 hours):

Early Childhood Care and Services (9-12):

CFS 414*	Programs for Young Children I: Creativity and Expression	3
CFS 415*	Programs for Young Children II: Discovery	4
CFS 465*	Internship in Child and Family Studies	3
FCSE 425*	Occupational Family and Consumer Sciences Education	3

Food Production and Management Services:

FN 313*	Quantity Food Systems	4
FN 316*	Experimental Food Science	4
FN 466*	Field Experience in Foods, Nutrition, and Dietetics	3
FCSE 425*	Occupational Family and Consumer Sciences Education	3

For a BS with a major in **fashion merchandising and design**, a student must complete courses in the family and consumer sciences core and the following:

Liberal Arts Core Requirements (35 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level class, 201, or 207	3
Any liberal arts laboratory science class	6

Studies in Personal/Social Awareness (6 hours as listed in FCS core hours)

Consumer Services 135 (as listed in FCS core hours)	
Child and Family Studies 206 (as listed in FCS core hours)	

Studies to Enhance a World Perspective (12 hours)		
English 201, 301		6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110		3
History 133, 134, or 135		3
Senior Capstone Course (as listed in FCS core hours)		
Family and Consumer Sciences 421SL		
Family and Consumer Sciences Core (14 hours)		
CS 135	Personal and Family Management.....	3
CFS 206	Human Development through the Lifespan.....	3
FCS 121	Professional Orientation.....	1
FCS 421SL	Senior Seminar.....	1
FMD 141	Design, Culture, and the Near Environment.....	3
FN 210	Basic Nutrition	3
or FN 214	Science of Nutrition	
Fashion Merchandising and Design Requirements (50 hours)		
CS 432	Cooperative Management and Housing.....	4
FMD 143	Fashion Industry.....	3
FMD 233	Presentation Techniques for Fashion	3
FMD 241	Textiles.....	3
FMD 242	Clothing Construction.....	3
FMD 341	Merchandising I	3
FMD 342	Merchandising II.....	3
FMD 345	Fashion History I.....	3
FMD 346	Apparel Design I.....	3
FMD 347	Fashion History II	3
FMD 349	Apparel Design II.....	3
FMD 431	Product Development.....	3
FMD 442	Fashion Advertising and Promotion.....	3
FMD 468	Internship in Fashion.....	3
FN 310	Principles of Food Preparation and Meal Management.....	4
INTD 101	Interior Design Fundamentals.....	3
Elective Hours (21 hours)		21

For a BS with a major in **interior design**, a student must complete courses in the family and consumer sciences core, consumer services core, and the following:

Liberal Arts Core Requirements (35 hours)

Liberal Arts (2 hours)		
Liberal Arts 101SL.....		2
Studies in Biblical Traditions (6 hours)		
Religion 101, 102.....		6
Studies in Communications (6 hours)		
English 101		3
Communication 135 or 230		3
Studies in Mathematics and Science (9 hours)		
Any Mathematics 100 level class, 201, or 207		3
Any liberal arts laboratory science class.....		6
Studies in Personal/Social Awareness (6 hours as listed in FCS core hours)		
Consumer Services 135 (as listed in FCS core hours)		
Child and Family Studies 206 (as listed in FCS core hours)		
Studies to Enhance a World Perspective (12 hours)		
English 201, 301		6
Art 210		3
History 133, 134, or 135		3
Senior Capstone Course (as listed in FCS core hours)		
Family and Consumer Sciences 421SL		

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Family and Consumer Sciences Core (14 hours)

CS 135	Personal and Family Management.....	3
CFS 206	Human Development through the Lifespan.....	3
FCS 121	Professional Orientation.....	1
FCS 421SL	Senior Seminar.....	1
FMD 141	Design, Culture, and the Near Environment.....	3
FN 210	Basic Nutrition	3
or FN 214	Science of Nutrition	

Interior Design Requirements (56 hours)

CS 432	Cooperative Management and Housing.....	4
FMD 241	Textiles.....	3
FMD 242	Clothing Construction.....	3
FN 310	Principles of Food Preparation and Meal Management.....	4
INTD 101	Interior Design Fundamentals.....	3
INTD 244	Interior Design Building Systems I.....	3
INTD 245	Interior Design Building Systems II	3
INTD 246	Architectural Drafting.....	3
INTD 252	Space Planning.....	3
INTD 254	Material and Finishes	3
INTD 256	Computer Aided Design.....	3
INTD 345	History of Architecture and Interiors Before 1830	3
INTD 346	History of Architecture and Interiors After 1830	3
INTD 348	Kitchen and Bath Design	3
INTD 350	Residential Design	3
INTD 450	Commercial Design	3
INTD 459	Professional Practice.....	3
INTD 469	Internship in Interior Design.....	3

Elective Hours (15 hours)15

For a BS with a major in **foods and nutrition**, a student must complete courses within the family and consumer sciences core and the following:

Liberal Arts Core Requirements (40 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (11 hours)

Mathematics 201	3
Biology 207 and 208.....	8

Studies in Personal/Social Awareness (3 hours)

Economics 204 or 210	3
Child and Family Studies 206 (as listed in FCS core hours)	

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in FCS core hours)

Family and Consumer Sciences 421SL	
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Family and Consumer Sciences Core (14 hours)

CS 135	Personal and Family Management.....	3
CFS 206	Human Development through the Lifespan.....	3
FCS 121	Professional Orientation.....	1
FCS 421SL	Senior Seminar.....	1
FMD 141	Design, Culture, and the Near Environment.....	3
FN 214	Science of Nutrition	3

Food and Nutrition Requirements (55 hours)

FN 114	Food and Culture.....	3
FN 310	Principles of Food Preparation and Meal Management.....	4
FN 311	Nutrition Education and the Community	3
FN 313	Quantity Food Systems	4
FN 316	Experimental Food Science	4
FN 421	Seminar in Foods, Nutrition, and Dietetics.....	1
FN 466	Field Experience in Foods, Nutrition, and Dietetics.....	3
ACCT 201	Principles of Financial Accounting.....	3
BAD 215	Business Information Tools	3
BIOL 316	Microbiology.....	4
CHEM 103	General Chemistry I.....	4
CHEM 104	General Chemistry II.....	4
CS 338	Personal and Family Finance.....	3
CS 432	Cooperative Management and Housing	4
FCSE 424	Methods of Teaching Family and Consumer Sciences Education.....	2
MGT 301SL	Essentials of Management and Leadership.....	3
PSY 101	Introduction to Behavioral Science.....	3
or PSY 102	Understanding Human Behavior	
or SOC 101	Introduction to Sociology	
or SOC 105	Social Problems	

Elective Hours (11 hours)11

For a BS with a major in **foods and nutrition with a dietetics emphasis and requirements for the ACEND accredited Didactic Program in Dietetics**, a student must complete courses within the family and consumer sciences core and the following:

Liberal Arts Core Requirements (40 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101*	3
Communication 135* or 230*	3

Studies in Mathematics and Science (11 hours)

Mathematics 201*	3
Biology 207* and 208*	8

Studies in Personal/Social Awareness (3 hours)

Economics 204 or 210	3
Child and Family Studies 206* (as listed in FCS core hours)	

Studies to Enhance a World Perspective (12 hours)

English 201*, 301*	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in FCS core hours)

Family and Consumer Sciences 421SL*	
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Family and Consumer Sciences Core (14 hours)

CS 135*	Personal and Family Management.....	3
CFS 206*	Human Development through the Lifespan.....	3
FCS 121*	Professional Orientation.....	1
FCS 421SL*	Senior Seminar.....	1
FMD 141	Design, Culture, and the Near Environment.....	3
FN 214**	Science of Nutrition	3

Food and Nutrition with Dietetics Emphasis Requirements (63 hours)

FN 114**	Food and Culture.....	3
FN 310**	Principles of Food Preparation and Meal Management.....	4
FN 311*	Nutrition Education and the Community	3
FN 313*	Quantity Food Systems	4
FN 316*	Experimental Food Science	4
FN 411*	Advanced Nutrition.....	3
FN 412*	Medical Nutritional Therapy.....	3

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FN 421*	Seminar in Foods, Nutrition, and Dietetics.....	1
FN 466*	Field Experience in Foods, Nutrition, and Dietetics.....	3
ACCT 201*	Principles of Financial Accounting.....	3
or FIN 301*	Introduction to Financial Management	
or MGT 301SL*	Essentials of Management and Leadership	
BIOL 305*	Medical Terminology I.....	2
BIOL 306*	Medical Terminology II.....	2
BIOL 316*	Microbiology.....	4
CHEM 103*	General Chemistry I.....	4
CHEM 104*	General Chemistry II.....	4
CHEM 301*	Organic Chemistry I.....	4
CHEM 310*	Survey of Biochemistry	3
CS 432*	Cooperative Management and Housing	4
FCSE 424*	Methods of Teaching Family and Consumer Sciences Education.....	2
PSY 101*	Introduction to Behavioral Science.....	3
or PSY 102*	Understanding Human Behavior	
or SOC 101*	Introduction to Sociology	
or SOC 105*	Social Problems	

Elective Hours (3 hours)3

* Students must make a grade of “C” or better in the Didactic Program in Dietetics (DPD) required course.

** Students must make a grade of “B” or better in the Didactic Program in Dietetics (DPD) required course.

Additional requirements related to Didactic Program in Dietetics (DPD) required courses: Students must earn a grade of “C” or above on all Didactic Program in Dietetics courses and must maintain a cumulative GPA of at least 2.8. A grade of D constitutes failure in foods, nutrition, and dietetics courses. In most cases, the student must repeat the failed course before taking any other required foods, nutrition and dietetics courses.

NOTE: All areas of study in the Department of Family and Consumer Sciences include an internship as part of the program. Senior standing required.

Minor

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Interior Design Minor Requirements (18 hours)

Required courses

INTD 101	Interior Design Fundamentals.....	3
INTD 254	Materials and Finishes	3
INTD 345	History of Architecture and Interiors Before 1830	3

Nine hours from the following

INTD 246	Architectural Drafting.....	3
INTD 252	Space Planning.....	3
INTD 256	Computer-Aided Design	3
INTD 346	History of Architecture and Interiors After 1830.....	3
INTD 350	Residential Design	3

Film and Digital Media

Film and Digital Media at Carson-Newman University is an interdisciplinary major. Courses are taught in the Departments of Communication and English, as well as other disciplines. Film students are able to use the resources of the Digital Café: A Center for Digital Storytelling and Carson-Newman’s Production Studio.

Film and Digital Media majors follow a sequential curriculum which includes classes on aesthetics, production, film and society, and international cinema. By their senior year students choose one area for their advanced, senior project. The program is designed for students with academic or professional interest in film and filmmaking, and it offers students the opportunity to apply for internships through the Los Angeles Film Studies Center and other organizations.

The Film major requires six hours of the same language at the 100 level or higher. For students with a high school background, the 101 level is considered remedial and does not fulfill the requires six hours.

Liberal Arts Core Requirements (44-45 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL..... 2-3

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (15 hours)

English 201, 3016

Film 310 (as listed in major hours below)

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Film 460

Major requirements (39 hours)

I. Writing and Aesthetics (15 hours)

COMM 123 Introduction to Media Writing3

FILM 310 Introduction to the Art of Film.....3

FILM 311 Film History3

FILM 344 Studies in American Film Genres3

FILM 441 Film Authors3

II. Production (12 hours)

FILM 208 Introduction to Digital Media3

FILM 209SL Video Production3

FILM 304 Advanced Production.....3

One of the following courses

FILM 305 Digital Storytelling.....3

FILM 320 Topics in Film3

III. Film and Society (6 hours)

Two courses from

COMM 250 Media, Religion, and Ministry3

COMM 327 Media in a Changing World3

COMM 404 Communication Law and Ethics.....3

HIST 427 History and Film3

REL 427 Religion and Film3

SOC 427 Sociology and Film.....3

IV. World Cinema (3 hours)

FILM 415 Various courses, mostly from departments of foreign languages and English,
which emphasize film from outside the United States.....3

V. Senior Project (3 hours)

FILM 460 Senior Project.....3

Elective Hours (36-37 hours)..... 36-37

Minor

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Film Minor Requirements (18 hours)

FILM 310	Introduction to the Art of Film.....	3
Fifteen (15) hours from the following:		
FILM 209SL	Video Production	3
FILM 304	Advanced Production.....	3
FILM 305	Digital Storytelling.....	3
FILM 311	Film History	3
FILM 344	Studies in American Film Genres	3
FILM 415	World Cinema	3
FILM 441	Film Authors	3
HIST 427	History and Film	3
REL 427	Religion and Film	3

Interested students should contact the program director, Dr. Mark Borchert, in the Department of Communication.

History and Political Science

Amanda Ford, Stephen G. Joiner, Kara E. Stooksbury, K. Elizabeth Vanlandingham

Majors

History
Political Science

Minors

History
Law and Policy Studies
Political Science

Specializations

History with 6-12 Teacher Licensure
Political Science with certification in Government with 6-12 Teacher Licensure

The History and Political Science program is housed in the History and Political Science Building, located behind Stokely Memorial. The department primarily has classroom space on the second floor of the Baker Building, with classrooms elsewhere used as circumstances dictate.

History and political science majors, as well as non-majors, have the opportunity to work in federal and state government through the Washington Semester program and internships in the State Capital. Many history and political science majors earn licensure to teach and a number of majors enter law school. Others enter graduate training and/or such varied occupations as the ministry, government, business and journalism. Students completing 12 hours of history classes are eligible for membership in Phi Alpha Theta, the international history honor society. Students completing 10 hours of political science classes are eligible for membership in Pi Sigma Alpha, the national political science honor society.

For a major in history, a student must complete no less than 30 hours in history (15 of which must be taken at Carson-Newman) and at least 15 of these hours must be at the 300 or 400 level. A student must make a grade of “C” or better in major courses.

Liberal Arts Core Requirements (41 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (3 hours)

History 201, 202 (as listed in major hours below)	
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134 (as listed in major hours below)	
Foreign Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

History 451	
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Major Requirements for History (39 hours)

HIST 133	World History I	3
HIST 134	World History II	3
HIST 201	United States History I	3
HIST 202	United States History II	3
HIST 210SL	Research and Writing Essentials for Historians	3
HIST 451	Senior Capstone in History	3

Non-Western History (one course)

HIST 312	Modern Middle East	3
HIST 323	Global Feminism: Women in the Modern World	3
HIST 324	Modern Africa	3
HIST 340	Literature and Revolution	3
HIST 341	The Confucian Tradition	3
HIST 343	India in Historical Perspective	3
HIST 347	Japan Past and Present	3
HIST 348	China in Revolution	3
HIST 355	Imperialism	3

European History (one course)

HIST 334	Europe in Transition, 1350-1789	3
HIST 335	Europe in Age of Revolution: Reform and Unification	3
HIST 336	Emergence of Modern Europe, 1901 to the present	3
HIST 437	British History I	3
HIST 438	British History II	3

300 or 400 level HIST	6
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Political Science

PSC 101	Introduction to Civil Rights and Liberties	3
PSC 102	American Government and Politics	3
300 or 400 level PSC course (exclusive of internship hours)		3

Elective Hours (40 hours)	40
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Teacher Licensure: For licensure in History 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (41 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (3 hours)

History 201, 202 (as listed in major hours below)	
Psychology 204, Psychology 206, or Child and Family Studies 206	3

Studies to Enhance a World Perspective (15 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134 (as listed in major hours below)	
Foreign Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

History 451	
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Major Requirements for History (42 hours)

HIST 133	World History I	3	
HIST 134	World History II	3	
HIST 201	United States History I	3	
HIST 202	United States History II	3	
HIST 210SL	Research and Writing Essentials for Historians.....	3	
HIST 451	Senior Capstone in History	3	
Non-Western History (one course)			
HIST 312	Modern Middle East	3	
HIST 323	Global Feminism: Women in the Modern World.....	3	
HIST 324	Modern Africa	3	
HIST 340	Literature and Revolution	3	
HIST 341	The Confucian Tradition	3	
HIST 343	India in Historical Perspective	3	
HIST 347	Japan Past and Present	3	
HIST 348	China in Revolution	3	
HIST 355	Imperialism	3	
European History (one course)			
HIST 334	Europe in Transition, 1350-1789	3	
HIST 335	Europe in Age of Revolution: Reform and Unification	3	
HIST 336	Emergence of Modern Europe, 1901 to the present.....	3	
HIST 437	British History I	3	
HIST 438	British History II.....	3	
American History (one course).....			3
300 or 400 level HIST			6
Political Science			
PSC 101	Introduction to Civil Rights and Liberties	3	
PSC 102	American Government and Politics	3	
300 or 400 level PSC			3

Professional Education (37 hours)

EDUC 203SL	Foundations of Education	3
EDUC 204	Educational Technology	3
EDUC 205	Introduction to Diagnostic Reaching Instruction: Techniques and Strategies	3
EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350	Diversity in Schools, Homes, and Communities	2
EDUC 403	Assessment and Evaluation	3
EDUC 420	Content-Area Methods in 6-12 Classroom	3
EDUC 432	Disciplinary Literacy	2
SPED 313	Survey of Persons with Exceptionalities	3
EDUC 463	Seminar in Student Teaching	2
EDUC 465	Student Teaching: Placement One	5
EDUC 467	Student Teaching: Placement Two	5

For a major in political science, a student must complete no less than 30 hours in political science. A student must make a grade of “C” or better in major courses.

Liberal Arts Core Requirements (44 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Political Science 101, 102 (as listed in major hours below)	
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Foreign Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Political Science 491

Major Requirements for Political Science (39 hours)

PSC 101	Introduction to Civil Rights and Liberties	3
PSC 102	American Government and Politics	3
PSC 491SL	Senior Seminar in Political Science	2
PSC 312	Middle East Politics	3
or PSC 313	Introduction to International Relations	
or PSC 314	International Human Rights	
or PSC 315	Contemporary International Issues	
or HIST 413	American Foreign Relations	
Additional Political Science hours		19
HIST 134	World History II	3
or HIST 202	United States History II	
300 or 400 level HIST (two courses)		6

Elective Hours (37 hours)37

Teacher Licensure: For licensure in Government 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (41 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (3 hours)

Political Science 101 (as listed in major hours below)	
Psychology 204, Psychology 206 or Child and Family Studies 206	3

Studies to Enhance a World Perspective (15 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 134 (as listed in major hours below)	
Foreign Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Political Science 491

Major Requirements for Political Science (36 hours)

PSC 101	Introduction to Civil Rights and Liberties	3
PSC 102	American Government and Politics	3
PSC 201	Global Politics	3
PSC 321	American Political Thought	3
PSC 439	American Constitutional Law II	3
PSC 491SL	Senior Seminar in Political Science	2
Additional Political Science hours		13
HIST 134	World History II	3
300 or 400 level History		3

108 History and Political Science

Professional Education (37 hours)

EDUC 203SL	Foundations of Education	3
EDUC 204	Educational Technology.....	3
EDUC 205	Introduction to Diagnostic Reaching Instruction: Techniques and Strategies	3
EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	3
EDUC 350	Diversity in Schools, Homes, and Communities	2
EDUC 403	Assessment and Evaluation.....	3
EDUC 420	Content-Area Methods in 6-12 Classroom	3
EDUC 432	Disciplinary Literacy	2
SPED 313	Survey of Persons with Exceptionalities.....	3
EDUC 463	Seminar in Student Teaching	2
EDUC 465	Student Teaching: Placement One	5
EDUC 467	Student Teaching: Placement Two	5

Elective Hours (6 hours)6

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Minor in law and policy studies (19 hours)

PSC 101	Introduction to Civil Rights and Liberties	3
PSC 105	Introduction to the Legal Profession.....	1
Choose three (3) hours from the following:		
ACCT 201	Principles of Financial Accounting	3
BAD 301	Legal and Ethical Environment of Business	
PHIL 204	Principles of Logic and Science	
Twelve (12) hours from the following:		
PSC 200	Moot Court (only two hours can be applied to the minor)	2
PSC 330	Law in American Society	3
PSC 335	Church-State Relations	3
PSC 336	Administrative Law	3
PSC 337	Contemporary Criminal Procedure	3
PSC 338	Women and the Law	3
PSC 409	Contemporary Issues in U. S. Public Policy	3
PSC 438	American Constitutional Law I.....	3
PSC 439	American Constitutional Law II	3
*PSC internship	.....	3
PSY/SOC 310	Introduction to Criminology	3
SOC 303	Social Welfare Policy	3
BAD 301	Legal and Ethical Environment of Business (if not taken above)	3

*PSC internship may be legal internship or other relevant internship related to law and policy; variable credit but only three hours may be applied toward the minor.

Minor in History (18 hours)

Six required hours from		
HIST 133-134	World History I-II	6
or		
HIST 201-202	United States History I-II.....	6
Additional History hours	.....	12

Minor in Political Science (18 hours)

PSC 101	Introduction to Civil Rights and Liberties	3
PSC 102	American Government and Politics	3
Additional Political Science Hours	.....	12

Advanced Placement—Credit in the appropriate subject will be three hours for a score of 4 and six hours for a score of 5.

Required Grades--All majors must make a minimum grade of C in all required courses in the major. Additionally, all majors must achieve a 2.0 overall average in all courses taken in the department.

Independent Studies—Courses are available for highly motivated students who want to engage in extensive reading about a subject that is not a part of the catalog course offerings.

Independent studies courses are not offered for catalog courses, except under the most unusual circumstances. A catalog course cannot be taken as an independent study in order to improve a grade.

NOTE: Department faculty reserve the right to determine the prerequisite for all the 300 and 400 level courses.

Honors Program

Director April Dye

Honors courses are generally reserved for Honors students. Academically superior students not involved in the Honors Program may take Honors courses if space is available and by the permission of the instructors of the course and the Honors Director. These courses may substitute for required Liberal Arts Core courses as described in the Liberal Arts Core Requirements section of this catalog.

Honors students are required to take 12 hours of team-taught Honors courses chosen from: FILM/HIST 250, HUM 101-102, HUM 302, FA 301, PSC 302, PSY 318, PSY/SOC 250, and REL 452. Other team-taught courses may be offered from time to time. These courses may be taken in any order or combination. Students who participate in a study abroad experience for at least 3 hours credit may waive one of the above courses. In addition, Honors students are required to fulfill liberal arts core requirements in religion as well as Writing and Literary Studies I with Honors sections of those courses.

Languages

Mary Baldrige, Maria Clark

Majors

Linguistics (Interdisciplinary)

Spanish

Biblical Languages (through the Religion Department)

Minors

German

Linguistics (Interdisciplinary)

Spanish

Specialization

Spanish with 6-12 Teacher Licensure

The World Languages Program is located on the third floor of Henderson Humanities Building. Through the Liberal Arts Core Requirement we enable students to acquire the ability to communicate with, and have a keen awareness of, people of a culture other than their own. Our purpose for the student who elects to pursue advanced study of language(s) is to provide specific knowledge and skills to enhance vocations and opportunities in areas such as business, social work, and Christian service. We also strive to foster a knowledge and appreciation of language as art in the form of literature.

In conjunction with the Division of Education, we strive to recruit and prepare superior language teachers to meet the growing demand.

The national honor society for Spanish students is Sigma Delta Pi.

110 Languages

Students wishing to enroll in foreign language courses at other institutions must secure advanced written permission of the department chair of foreign language at Carson-Newman University. Permission is not generally given for more than one course per semester nor for courses offered by non-consortium institutions.

The Department offers two majors in Spanish (the professional and the corollary major). A major and minor in Biblical Languages are offered through the Department of Religion. The professional major is intended for students who plan to study language and literature at the graduate level or teach the language. Literature and culture are stressed, as well as skills development. The corollary major is communication skills oriented to complement majors in English, Business, Human Services, Religion, Pre-Med, etc. and is offered only as a second major. Requirements for both are listed in this section.

The Department also offers certificates in Spanish and French. A certificate in a language will consist of two courses above the 202 level (which must be 301 and 302 at Carson-Newman or courses in an approved study abroad program) with a minimum of a B average and a standardized test of oral and written proficiency. Upon completion, certificate students will receive a certificate which acknowledges their completion and their level of proficiency in the language certified by the department, but who lack the time to complete a full minor or major in the language. This may be very useful for heritage speakers and children of missionaries.

Liberal Arts Core Requirements (41 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 101*3

Communication 135* or 230*3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Spanish 201 and 202 (as listed in major hours below)

Senior Capstone Course (as listed in major hours below)

Spanish 420

Professional Spanish Major (37 hours)

LING 220 Introduction to Linguistics.....3

SPAN 201 Hispanics in the U. S. III3

SPAN 202 Conversational Spanish for Outreach and Service3

SPAN 301 Written Spanish for the Professional World3

SPAN 310 Spoken Spanish for the Professional World3

SPAN 420 Capstone in Spanish.....1

Nine hours from the following:

SPAN 303 People and Places of Spain3

SPAN 304 People and Places of Latin America3

SPAN 309 Foreign Study/Travel/Language Missions Experience..... 1-6

SPAN 317SL Spanish in Community Service and Missions3

SPAN 320 Interdisciplinary Topics in Spanish..... 1-6

SPAN 327 Translation Theory.....3

Twelve hours from the following:

SPAN 401 *La guerra sucia*: Issues in Conflict.....3

SPAN 402 *Mujeres al borde*: Issues in Gender3

SPAN 403 *Muerto porque no muero*: Issues in Religion.....3

SPAN 404 *Los de abajo*: Issues in Justice.....3

SPAN 405 Foreign Study..... 1-15

Elective Hours (42 hours)42

Teacher Licensure: For licensure in Spanish 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (41 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 101*3

Communication 135* or 230*3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Psychology 204, Psychology 206 or Child and Family Studies 2063

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Spanish 201 and 202 (as listed in major hours below)

Senior Capstone Course (as listed in major hours below)

Spanish 420

Professional Spanish Major (37 hours)

LING 220 Introduction to Linguistics.....3

SPAN 201 Hispanics in the U. S. III3

SPAN 202 Conversational Spanish for Outreach and Service3

SPAN 301 Written Spanish for the Professional World3

SPAN 310 Spoken Spanish for the Professional World3

SPAN 420 Capstone in Spanish.....1

Nine hours from the following:

SPAN 303 People and Places of Spain3

SPAN 304 People and Places of Latin America3

SPAN 309 Foreign Study/Travel/Language Missions Experience..... 1-6

SPAN 317SL Spanish in Community Service and Missions3

SPAN 320 Interdisciplinary Topics in Spanish..... 1-6

SPAN 327 Translation Theory.....3

Twelve hours from the following:

SPAN 401 *La guerra sucia*: Issues in Conflict.....3

SPAN 402 *Mujeres al borde*: Issues in Gender.....3

SPAN 403 *Muerto porque no muero*: Issues in Religion.....3

SPAN 404 *Los de abajo*: Issues in Justice.....3

SPAN 405 Foreign Study..... 1-15

Professional Education (37 hours)

EDUC 203SL Foundations of Education3

EDUC 204 Educational Technology.....3

EDUC 205 Introduction to Diagnostic Reaching Instruction: Techniques and Strategies3

EDUC 342 Curriculum, Instruction, and Management of the 6-12 Classroom3

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 403 Assessment and Evaluation.....3

EDUC 420 Content-Area Methods in 6-12 Classroom3

EDUC 432 Disciplinary Literacy2

SPED 313 Survey of Persons with Exceptionalities.....3

EDUC 463 Seminar in Student Teaching2

EDUC 465 Student Teaching: Placement One5

EDUC 467 Student Teaching: Placement Two5

Elective Hours (5 hours)5

A corollary major is an add-on major. Courses for the degree for the primary major must be completed as well as the requirements for the corollary major.

Corollary Majors Requirements (24 hours)

SPAN 201	Hispanics in the U. S. III	3
SPAN 202	Conversational Spanish for Outreach and Service	3
SPAN 301	Written Spanish for the Professional World	3
SPAN 310	Spoken Spanish for the Professional World	3
Six hours from the following:		
LING 220	Introduction to Linguistics.....	3
SPAN 303	People and Places of Spain.....	3
SPAN 304	People and Places of Latin America	3
SPAN 309	Foreign Study/Travel/Language Missions Experience.....	3
SPAN 317SL	Spanish in Community Service and Missions	3
SPAN 320	Interdisciplinary Topics in Spanish.....	1-6
SPAN 327	Translation Theory.....	3
Six hours from the following:		
SPAN 401	<i>La guerra sucia</i> : Issues in Conflict.....	3
SPAN 402	<i>Mujeres al borde</i> : Issues in Gender.....	3
SPAN 403	<i>Muero porque no muero</i> : Issues in Religion.....	3
SPAN 404	<i>Los de abajo</i> : Issues in Justice.....	3
SPAN 405	Foreign Study.....	1-15

Students can generally expect to get 6 semester hours of credit for a summer study abroad program and 12-15 semester hours of credit for a semester-long study abroad program. Depending on the courses taken, these will fulfill 300 and 400 level requirements for the major, minor, or certificate.

*Capstone will be taken in conjunction with student's final 400 level class in their last semester of coursework.

*Students seeking certification to teach Spanish must enroll in a study abroad or certified immersion experience preapproved by the chair of the department.

*A student who begins at the 300 level will have six additional hours of electives.

Biblical Languages: The major in biblical languages is skill oriented and consists of at least 15 hours in one biblical language (either Koine Greek or Biblical Hebrew) and a minimum of 12 hours in the other. The major is designed as preparation for graduate study in biblical studies.

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

A minor in German or Spanish consists of 18 hours, including GER 301 and GER 302; or SPAN 301 and SPAN 310; and excluding GER or SPAN 400 in all languages. Courses below 201 do not count toward the minor.

A certificate in Spanish or French consists of 12 hours, including SPAN 201, 202, 301, and 310 (or equivalent in study abroad credit) or FREN 201, 202, and 6 additional hours at upper division level in an approved study abroad program. Added to the coursework requirement is a requirement to complete a standardized assessment of oral and written proficiency.

The liberal arts core requirement in language can be met in the following ways:

1. Complete a 6 hour sequence in any language at the 100 or 200 level as determined by degree department. Students with prior study of a language are required to take our placement test. A recommendation of entry level will be made taking into account performance on the test and the number of years of study of the language. If the student follows a recommendation of placement in a 300-level or higher course he may, upon completion of the course with a "C" or better, petition the department for up to 9 hours credit for the exempted courses.
2. International students whose native language is not English can satisfy their requirement in the following ways:
 - a. score at least 600 on the TOEFL (paper-based test) or 250 (computer-based test).
 - b. complete one 3-hour course in English language or American literature after completion of ENG 101-201.
 - c. complete 6 hours of literature in native language if applicable.
 - d. comply with the requirement for American students by satisfying either part 1 (201-202 sequence) or part 4 (CLEP) in a language other than English or the student's native language.
 - e. receive 12 foreign language credit hours by completing Level II of ELI, receiving recommendation from ELI, and successfully completing six semester hours Carson-Newman credit.

Advanced courses (300 level and above) are offered frequently and consistently.

Linguistics

Linguistics, the study of human language, is an interdisciplinary major, corollary major and minor at Carson-Newman University. Due to the interdisciplinary nature of the field, linguistics students are afforded a great deal of flexibility in designing their program of study. While all linguistics students are required to take courses in the various branches of linguistic analysis, students enjoy the option of combining this with coursework in Communication, Education, English, Foreign Languages, Philosophy, Psychology, and Sociology. The program in Linguistics is designed for students with academic or professional interest in Linguistics and offers students the unique opportunity to pursue this field of study in both a liberal arts tradition and a Christian context.

Liberal Arts Core Requirements (41 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Foreign Language (as listed in major hours below)

Senior Capstone Course (as listed in major hours below)

Linguistics 475

Requirements for the major (33 hours)

I. Introduction to linguistic inquiry/analysis

LING 220 Introduction to Linguistics.....3

II. Knowledge of the structure of a foreign/second language

Foreign language 201/202 (at least 6 hours at second-year level).....6

III. Core

LING 305 Syntax3

LING 310SL Phonology3

IV. Core electives (two or more of the following, for 6+ hours credit)

LING 320 Topics in Linguistics (can be repeated).....3

LING 327 Translation Theory.....3

LING 415SL Advanced Topics in Linguistics (can be repeated)3

LING 420 Advanced Seminar in Linguistics (can be repeated).....3

LING 430 Language and the Brain/Psycholinguistics3

LING 450 Linguistics Research Group (up to 6 hours of LING 450 may count toward the major, but you must take at least one additional course (3 credits) from the “core electives” category).....3

ENG 328 Advanced Grammar and the History of English.....3

V. Capstone project

LING 475 Senior Project.....3

VI. Related courses (additional courses from the following for a total of at least 33 hours in the major)

Any approved advanced course in English/German/Spanish (may be repeated with permission)

LING 390 Independent Study3

PHIL 204 Principles of Logic and Science.....3

MATH 201 Statistical Concepts and Methods3

or PSY 203 Statistical Concepts and Methods

PHYS 101 Physics of Musical Sound.....3

PSY 213 Research Design and Interpretation3

PSY 320 Topics in Psychology: Clinical Neuropsychology3

Elective Hours (46 hours)46

A corollary major is an add-on major. Courses for the degree for the primary major must be completed as well as the requirements for the corollary major.

Requirements for the corollary major (24 hours):

I.	Introduction to linguistic inquiry/analysis	
	LING 220 Introduction to Linguistics	3
II.	Knowledge of the structure of a foreign/second language	
	Foreign language 201/202 (at least 6 hours at second-year level)	6
III.	Core curriculum	
	LING 305 Syntax	3
	LING 310SL Phonology	3
IV.	Core electives (one or more of the following courses, for 3+ hours credit)	
	LING 320 Topics in Linguistics (can be repeated)	3
	LING 327 Translation Theory	3
	LING 415SL Advanced Topics in Linguistics (can be repeated)	3
	LING 420 Advanced Seminar in Linguistics (can be repeated)	3
	LING 430 Language and the Brain/Psycholinguistics	3
	LING 450 Linguistics Research Group (up to 6 hours of LING 450 may count toward the corollary major)	3
	ENG 328 Advanced Grammar and the History of English	3
V.	Related courses (addition courses from the following for a total of at least 24 hours in the corollary major)	
	Any approved advanced course in French/English/German/Spanish (may be repeated with permission)	
	LING 390 Independent Study	3
	PHIL 204 Principles of Logic and Science	3
	MATH 201 Statistical Concepts and Methods	3
	or PSY 203 Statistical Concepts and Methods	
	PHYS 101 Physics of Musical Sound	3
	PSY 213 Research Design and Interpretation	3
	PSY 320 Topics in Psychology: Clinical Neuropsychology	3

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Requirements for the minor (18 hours):

I.	Introduction to linguistic inquiry/analysis	
	LING 220 Introduction to Linguistics	3
II.	Knowledge of the structure of a foreign/second language	
	Foreign language 201/202 (at least 6 hours at second-year level)	6
III.	Core curriculum	
	LING 305 Syntax	3
	LING 310SL Phonology	3
IV.	Core electives and related courses (at least one of the following, for 3+ hours credit)	
	Any approved advanced course in French/English/German/Spanish (can be repeated with permission)	
	LING 320 Topics in Linguistics (can be repeated)	3
	LING 327 Translation Theory	3
	LING 390 Independent Study	3
	LING 415SL Advanced Topics in Linguistics (can be repeated)	3
	LING 420 Advanced Seminar in Linguistics (can be repeated)	3
	LING 430 Language and the Brain/Psycholinguistics	3
	LING 450 Linguistics Research Group	1-3
	PHIL 204 Principles of Logic and Science	3
	MATH 201 Statistical Concepts and Methods	3
	or PSY 203 Statistical Concepts and Methods	
	PHYS 101 Physics of Musical Sound	3
	PSY 213 Statistics and Research Interpretation	3
	PSY 320 Topics in Psychology: Clinical Neuropsychology	3
	ENG 328 Advanced Grammar and the History of English	3

Mathematics

Thomas Bass, Kenneth Massey, B. Alden Starnes, Henry Suters

Major

Mathematics

Minors

Mathematics

Specialization

Mathematics with 6-12 Teacher Licensure

The Mathematics Program is located on the first level of Dougherty Science Center. Its facilities include a computer center.

Mathematics majors who meet the requirements for membership will be invited to join Kappa Mu Epsilon, the national mathematics honor society. To be qualified for membership, a person must be a regularly enrolled student with at least the standing of a second semester sophomore of Carson-Newman University; must rank in the upper 35% of his/her class; and must complete with an overall average in mathematics of 3.00 at least three college mathematics courses including at least one semester of calculus.

Objectives

The Department seeks to develop skills in the application of mathematics to those disciplines which it enhances, and to provide a solid foundation in the principles of the discipline.

Liberal Arts Core Requirements (44-46 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Mathematics 151 (as listed in major hours below)

Laboratory Science 6-8

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Mathematics 412

Major Requirements (39 hours)

MATH 151 Calculus I3

MATH 152 Calculus II.....3

MATH 201 Statistical Concepts and Methods3

or MATH 406 Mathematical Statistics

MATH 207 Discrete Mathematics.....3

MATH 208 Linear Algebra I3

MATH 211 Calculus III.....3

MATH 212 Introduction to Abstract Mathematics.....3

MATH 404 Abstract Algebra3

MATH 412 Senior Seminar in Mathematics3

MATH 414 Linear Algebra II.....3

Two additional 300/400 level MATH courses6

CSC 107 Computer Programming I3

Elective Hours (35-37 hours)..... 35-37

116 Mathematics

Certain upper division courses are appropriate for specific future vocational choices; a list of these will be given to each student by his/her advisor. Math courses below Math 151 do not count as hours toward the major requirement.

Teacher Licensure: For licensure in Mathematics 6-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (44-46 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Mathematics 151 (as listed in major hours below)

Laboratory Science 6-8

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Psychology 204, Psychology 206, or Child and Family Studies 2063

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Mathematics 412

Major Requirements (39 hours)

MATH 151 Calculus I3

MATH 152 Calculus II.....3

MATH 201 Statistical Concepts and Methods3
or MATH 406 Mathematical Statistics

MATH 207 Discrete Mathematics.....3

MATH 208 Linear Algebra I3

MATH 211 Calculus III.....3

MATH 212 Introduction to Abstract Mathematics.....3

MATH 306 Modern Geometries3

MATH 404 Abstract Algebra3

MATH 412 Senior Seminar in Mathematics3

MATH 414 Linear Algebra II.....3

One additional 300/400 level MATH courses.....3

CSC 107 Computer Programming I3

Professional Education (37 hours)

EDUC 203SL Foundations of Education3

EDUC 204 Educational Technology.....3

EDUC 205 Introduction to Diagnostic Reaching Instruction: Techniques and Strategies3

EDUC 342 Curriculum, Instruction, and Management of the 6-12 Classroom3

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 403 Assessment and Evaluation.....3

EDUC 420 Content-Area Methods in 6-12 Classroom3

EDUC 432 Disciplinary Literacy2

SPED 313 Survey of Persons with Exceptionalities.....3

EDUC 463 Seminar in Student Teaching2

EDUC 465 Student Teaching: Placement One5

EDUC 467 Student Teaching: Placement Two5

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Requirements for the minor (18 hours)

MATH 151	Calculus I	3
MATH 152	Calculus II	3
MATH 207	Discrete Mathematics	3
MATH 201	Statistical Concepts and Methods	3
or MATH 406 Mathematical Statistics		
Two additional 300/400 level MATH courses		6

Language Requirement - Six hours in a single language at either the 100- or 200-level, or equivalent AP or CLEP credit.

The department policy regarding academic credit for Advanced Placement (AP) courses is as follows:

1. Statistics—Three hours credit in elementary statistics (MATH 201) will be awarded for a score of 4 or higher on the AP test. Scores below 4 receive no academic credit.
2. Calculus—A score of 4 or 5 on the Calculus AB test or on the AB sub-score of Calculus BC test, will give a student 3 hours credit for MATH 151. A score of 4 or 5 on the Calculus BC test will give a student 6 hours credit for MATH 151 and 152.
3. Computer Science—Three hours credit in CSC 107 will be awarded for scores of 3 or higher.

Local tests—A student wishing to receive academic credit in a course listed in the catalog may arrange with the department chair to take an exam. A score of 80% or higher is required for credit, and grading will be S/F. An examination for credit for a particular course can be taken no more than one time.

Military Science

Lieutenant Colonel Luis Cruz, Captain David Hoy, Master Sergeant Damron Yancey

Minor

Military Leadership

The Military Science program, located at 706 Ken Sparks Way, Baker Building Room 105, offers courses to develop leadership and management skills for both military and civilian careers. The Army Reserve Officers Training Corps (ROTC) program provides qualified students opportunities to serve their country full or part time as officers in the U.S. Army. Students enrolled in ROTC who meet specified qualifications can earn a commission as a Second Lieutenant in the U.S. Army, Army National Guard or the U.S. Army Reserve.

ROTC students may participate in the Color Guard, Ranger Challenge Club, Officers Christian Fellowship, annual Military Ball and many social functions sponsored by Cadets and Cadre. Each year the Ranger Challenge Club attends a regional, multi-state intercollegiate competition of physical stamina, leadership ability and teamwork.

Military Science courses are open to all students; however, to enroll in advanced ROTC courses which lead to a commission as a Second Lieutenant, a student must meet U.S. Army administrative, physical, medical and mental standards and be accepted by the Professor of Military Science.

Military Leadership Minor

Enhanced leadership development focused in an organizational setting. Students complete the 21 hour sequence to include MILS 100, 101-102, 201-202, 301-302, 401-402. The student **is not** required to be contracted in the ROTC program nor to attend the ROTC Leader Development and Assessment Course (ROTC Cadet Advance Camp) during the summer when enrolled in MILS 101-102, 201-202. The student **is** required to be contracted in the ROTC program and attend ROTC Cadet Advance Camp during the summer between their junior and senior years when enrolled in MILS 301-302, 401-402. **Contact** the Department of Military Science. ROTC Cadet Advance Camp is a 30 day training event which both assesses where Cadets are in their overall leadership development and is Army training providing additional development to further enhance their leadership capabilities.

Military Science Curriculum

Military Science courses are designed to fulfill the educational and training requirements for commissioning as a Second Lieutenant in the U.S. Army.

The curriculum consists of a Basic Course (first two years) and an Advanced Course (final two years). In addition to the specified military science courses, the Army requires successful completion of a college degree and one course in military history.

Basic Course

Freshman Year

- MILS 100, Military History of the US (may be taken during other years)
- MILS 101, Introduction to the Army and Critical Thinking
- MILS 102, Introduction to the Profession of Arms

Sophomore Year

- MILS 201, Leadership and Decision Making
- MILS 202, Army Doctrine and Team Development

Advanced Course

Junior Year

- MILS 301, Training Management and the Warfighting Functions
- MILS 302, Applied Leadership in Small Unit Operations

Summer

- MILS 303, ROTC Cadet Advance Camp

Senior Year

- MILS 401, The Army Officer
- MILS 402, Company Grade Leadership

A two year program, available when a student has only two academic years remaining at Carson-Newman, consists of the last two years of ROTC (Advanced Course) and an authorized substitute for the Basic Course. Authorized substitutes are:

1. MILS 300, ROTC Cadet Basic Camp, taken during the summer between the sophomore and junior years. This is a 30 day training program at Fort Knox, KY, which supplements the freshmen and sophomore courses in order to transition a student with no previous experience into the ROTC Advance Course.
2. At least three years of high school Junior ROTC and approval of the Professor of Military Science.
3. Successful completion of a basic training program in the U.S. Army, Navy, Air Force or Marine Corps.

Military Service Obligation

A student incurs NO military obligation by taking any of the classes in the ROTC Basic Course. A student who accepts a scholarship or signs a contract to participate in the Advanced Course during the junior and senior years is obligated to serve either full time on active duty in the U.S. Army or part time in the Army Reserves or Army National Guard for a specific period after graduation. See the Department of Military Science faculty for an explanation of the various options.

Pay, Uniforms and Equipment

Each ROTC student is furnished uniforms and textbooks at no charge. The advanced ROTC student signs a contract with the U.S. Government agreeing to complete the Advanced Course and accept a Regular Army, U.S. Army Reserve, or National Guard commission as a Second Lieutenant upon graduation. While enrolled in the Advanced Course (two years), the student receives \$420 per month tax free and approximately \$700 plus travel expenses, housing and meals to attend Summer Camp between the junior and senior years.

Scholarship Program

High school seniors may apply for the four-year Army ROTC scholarship. There are two types of 4-year scholarships available, either general or dedicated nurse scholarships. Carson-Newman University is one of only a small number of Partnership in Nurse Education Schools which offers dedicated nurse scholarships. High school seniors can fill out the scholarship application online at www.armyrotc.com. Typically, scholarship applications for high school seniors should be completed prior to October 1 of their senior year in order to be eligible for all scholarship selection boards. High school seniors are normally selected in early February and early application is strongly encouraged. Carson-Newman University freshmen, sophomores, and juniors can apply for the three and two-year Army ROTC scholarships and should contact the Department of Military Science for applications. Scholarships are based on merit and overall performance in academics, athletics, and leadership. Scholarships pay tuition, up to \$600 per semester for books, and up to \$500 per month tax-free spending allowance. Carson-Newman University awards ROTC Scholarship Cadets up to a \$8,000 award, less other aid, to assist with the cost of an on-campus room and meal plan. To qualify for this award, students must live on-campus and file the Free Application for Federal Student Aid (FAFSA). The university reserves the right to reduce the ROTC Room and Board Award by the amount of any additional aid the student receives.

Music

Pat Bivens, Jeremy Buckner, Ryan Fogg, Mark Hussung, Clark Measels, Richard Scruggs, Jayme Taylor, Eric Thorson, Joshua Zink

Majors

Bachelor of Arts in Music

Bachelor of Arts in Music with Emphasis in Worship Leadership

Bachelor of Music in Performance (Instrumental, Piano or Voice)

Bachelor of Music in Church Music

Bachelor of Music in Music Education with K-12 Teacher Licensure - Instrumental

Bachelor of Music in Music Education with K-12 Teacher Licensure - Vocal/General

Bachelor of Music in Music Theory

Bachelor of Music in Combination with an Outside Field

Minor

Music

Accreditation

Carson-Newman University is an institutional member of the National Association of Schools of Music.

The Department of Music is housed in the Mabel Lewallen Tarr Music Building, one of the finest buildings on the Carson-Newman campus. The building features a recital hall, private rehearsal studios, music library, and an electronic music lab. There are several music ensembles, both vocal and instrumental, that give concerts and tour the area during the school year. The Department of Music also presents a Lyric Theater production in the fall and spring. Applied music lessons and ensembles are open to music majors and non-music majors.

Music majors are eligible for membership in Delta Omicron, Music Teachers National Association, National Association for Music Education, and Pi Kappa Lambda.

Teacher Licensure: Any student wishing to teach Music (K-12) must be a music education major and meet the requirements of the Department of Teacher Education.

Advanced Placement: Credit for MUS 111 will be given for a score of 4 on the AP exam in music. Credit for both MUS 111 and 112 will be given for a score of 5. No CLEP credit is awarded in music.

Mission

The mission of the Department of Music is to nurture and challenge students in a Christian environment helping them to reach their potential as educated musicians to serve and lead in church, schools, and community. Our department serves the Carson-Newman University mission by (1) providing professional degree programs in music, (2) providing a liberal arts degree program in music, and (3) providing general music education (courses, ensembles, and applied lessons) and performance opportunities for the university community at large in order to develop musical skills and knowledge of music for the enrichment of life.

Music Program Curricula

The program curricula of the Department of Music provide a musically rich context to support the education and development of music majors to attain either the professional Bachelor of Music degree or the liberal arts Bachelor of Arts - Music degree.

1. Music majors seeking the Bachelor of Music degree study to become professional musicians by developing musical performance skills and cultivating an advancing knowledge and appreciation of music. This academic and musical foundation equips graduates to lead as school music teachers or church musicians and/or to pursue graduate studies in music.

2. Music majors seeking the Bachelor of Arts degree study in order to obtain a diverse liberal arts education and to develop musical skills that foster their intellectual growth in the knowledge and appreciation of music.

For a **BA degree with a major in music**, a student must complete the following curriculum:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

120 Music

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, or TH 110.....	3
(BA candidates must take Fine Arts outside the Department of Music.)	
Language for BA degrees at the 100 level	6

Senior Capstone Course (as listed in major hours below)

Music 461	
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Courses in Music (43 hours)

Applied Music - voice, instrument or piano	4
Applied Music - keyboard	2
Ensemble	4
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2
Music 211-212 Advanced Theory I-II.....	6
Music 431-432 Music History I-II	6
Music 461 Senior Seminar for BA in Music.....	1
Music electives (6 hours upper level)	10

Elective Hours (30 hours).....	30
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For a BA degree with a major in music with an emphasis in worship leadership, a student must complete the following curriculum:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, or TH 110.....	3
(BA candidates must take Fine Arts outside the Department of Music.)	
Language for BA degrees at the 100 level	6

Senior Capstone Course (as listed in major hours below)

Music 461	
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Courses in Music (55 hours)

Applied Music Primary.....	6
Ensemble	6
Music 026 Contemporary Ensemble Lab (.5 credit, 2 semesters).....	1
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2
Music 140 Formation for Music Ministry	1

Music 141	Contemporary Worship Leadership	1
Music 211	Advanced Theory I.....	3
Music 249	Music and Sound Technology.....	1
Music 321	The Songs of the Church.....	3
Music 322	Christian Worship Practices	2
Music 325	Church Music Leadership (with Internship)	3
Music 348	Electronic Music Methods	2
Music 431-432	Music History I-II	6
Music 441	Methods and Techniques of Conduction.....	2
Music 461	Senior Seminar for BA in Music.....	2
Applied Music Secondary (see below)		6
Keyboard Majors (6 hours total with each area represented)		
Music 105, Keyboard Improvisation in Worship		
Music 155, Voice		
Music 157, Guitar		
Music 170, Percussion		
Instrumental Majors (6 hours total with each area represented)		
Music 105, Keyboard Improvisation in Worship		
Music 150/Class, Piano (2 hours)		
Music 155, Voice		
Music 157, Guitar		
Music 170, Percussion		
Vocal Majors (6 hours total with each area represented)		
Music 105, Keyboard Improvisation in Worship		
Music 150/Class, Piano (2 hours)		
Music 157, Guitar		
Music 170, Percussion		
Non-Music Elective Hours (18 hours)		18

Students are encouraged to take additional Religion courses (especially Religion 224 and Religion 361) or pursue a minor in Religion.

For a **BM with a major in performance (instrumental: brass, percussion, and woodwind)**, a student must complete the following curriculum:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
History 133, 134, or 135	3
ART 204, ART 210, FA 301 (Honors), FILM 310, TH 110, OR MUSIC ENSEMBLES	3
French/German (6 hours of same language)	6

Senior Capstone Course (as listed in major hours below)

 Part of Applied credit in the Senior Recital Semester

Courses in Music (78 hours)

Applied Music	Instrument	20
Applied Music	Keyboard.....	4
Ensemble	(to include semesters of MUS 035)	8
Music 111-112	Elementary Theory I-II	6
Music 117-118	Sight-Singing and Ear Training I-II	2
Music 135-136	Introduction to Music History.....	2

Music 211-212	Advanced Theory I-II.....	6
Music 217-218	Sight-Singing and Ear Training III-IV	2
Music 411	Form and Analysis	3
Music 413	Counterpart	3
Music 415	Instrumentation	2
Music 431-432	Music History I-II	6
Music 436	Wind Literature	3
or Music 437	Percussion Literature	3
Music 440	Pedagogy Internship.....	3
Music 441-442	Conducting I-II	4
Music Electives	.....	4

For a **BM with a major in performance (piano)**, a student must complete the following curriculum:

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science.....	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (21 hours)

English 201, 301	6
History 133, 134, or 135	3
Music Ensemble (as listed in hours above)	
French/German (6 hours same language)	6

Senior Capstone Course (as listed in major hours below)

Part of Applied credit in the Senior Recital Semester

Courses in Music - General (42 hours)

Ensemble	8
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II.....	2
Music 135-136 Introduction to Music History.....	2
Music 211-212 Advanced Theory I-II.....	6
Music 217-218 Sight-Singing and Ear Training III-IV	2
Music 411 Form and Analysis	3
Music 413 Counterpoint	3
Music 431-432 Music History I-II	6
Music 441-442 Conducting I-II	4

Courses in Music - Piano-Specific (39 hours)

Applied Piano	24
Music 205 Class Piano V	1
Music 230 Accompanying Seminar	1
Music 347-349 Piano Pedagogy I-II	6
Music 446-447 Piano Literature I-II	6

At least one semester of each of the following:

Music 017	Piano Ensemble.....	0.5
Music 035	Instrumental Chamber Ensemble	0.5

For a **BM with a major in performance (voice)**, the student must complete the following curriculum:

Liberal Arts Core Requirements (53 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory science.....6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (24 hours)

English 201, 3016

History 133, 134, or 1353

Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, TH 110, or Music Ensembles.....3

Foreign Language for BM Performance in Voice - French6

Foreign Language for BM Performance in Voice - German.....6

Senior Capstone Course (as listed in major hours below)

Part of Applied credit in the Senior Recital Semester

Courses in Music (78 hours)

Applied Music Voice20

Applied Music Keyboard.....4

Ensemble8

Music 030 Lyric Theatre (spring semester - Opera Workshop).....1

Music 109 Foreign Language Diction3

Music 111-112 Elementary Theory I-II6

Music 117-118 Sight-Singing and Ear Training I-II2

Music 135-136 Introduction to Music History2

Music 211-212 Advanced Theory I-II6

Music 217-218 Sight-Singing and Ear Training III-IV2

Music 342 Vocal Pedagogy.....3

Music 431-432 Music History I-II6

Music 435 Song Literature.....3

Music 411 Form and Analysis3

Music 413 Counterpoint3

Music 441-442 Conducting I-II4

Music Electives2

For a **BM with a major in church music**, a student must complete the following curriculum:

NOTE: Piano sequence is not complete until the piano proficiency requirements have been met.

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory science.....6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

124 Music

Studies to Enhance a World Perspective (18 hours)

ENG 201 or HUM 102 (Honors) and ENG 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, TH 110, or Music Ensembles	3
Language	6

Senior Capstone Course (as listed in major hours below)

Part of Applied credit in the Senior Recital Semester

Courses in Music (83 hours)

Applied Music Major	16
Applied Music Piano Sequence	4
Ensemble	8
Music 026 Contemporary Ensemble Lab (.5 credit, 2 semesters)	1
* Music 105 Keyboard Improvisation in Worship	1
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2
Music 140 Formation for Music Ministry	1
Music 141 Contemporary Worship Leadership	1
Music 155 Voice (Keyboard and Instrumental emphasis)	2
Music 157 Guitar	1
Music 170 Percussion	1
Music 211-212 Advanced Theory I-II	6
Music 217-218 Sight-Singing and Ear Training III-IV	2
Music 249 Music and Sound Technology	1
Music 321 The Songs of the Church	3
Music 322 Christian Worship Practices	2
Music 325 Church Music Leadership (with Internship)	3
Music 348 Electronic Music Methods	2
Music 415 Instrumentation	2
Music 431-432 Music History I-II	6
Music 441-442 Conducting I-II	4
Music 443 Teaching General Music Education K-8	3
Music 445 Teaching Choral Methods (practicum)	2
Music 460 Field Work in Church Music	1

*for vocal and instrument primaries; keyboard primaries take Music 205.

*For a **BM with a major in music education-instrumental K-12**, a student must complete following curriculum:

Liberal Arts Core Requirements (41 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies 206 or Psychology 204 or 206	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, TH 110, or Music Ensembles	3

Senior Capstone Course (as listed in major hours below)

Part of credit in the Senior Teaching Seminar

Courses in Music (70.5 hours)

Applied Music Major	13
Applied Music Keyboard	4
Applied Music Voice	1
Ensemble	10.5
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2
Music 211-212 Advanced Theory I-II	6
Music 217-218 Sight-Singing and Ear Training III-IV	2
Music 241 Percussion Methods and Literature	2
Music 242 Woodwind Methods and Literature	2
Music 246 Brass Methods and Literature	2
Music 343 Instrumental Music Methods (practicum)	2
Music 345SL Teaching Music Methods (practicum)	2
Music 346 String Methods and Literature	2
Music 415 Instrumentation	2
Music 431-432 Music History I-II	6
Music 441-442 Conducting I-II	4

Professional Education (28 hours)

Education 203SL Foundations of Education	3
Education 205 Introduction to Diagnostic Reading Instruction: Techniques and Strategies	3
Education 350 Diversity in Schools, Home, Community	2
Education 432 Disciplinary Literacy	2
Special Ed 313 Survey of Exceptional Persons (practicum)	3
Music 249 Music and Sound Technology	1
Music 348 Electronic Music Methods	2
Education 463 Student Teaching Seminar	2
Music 465 Student Teaching: Placement One	5
Music 467 Student Teaching: Placement Two	5

*Music education majors are eligible to apply for teacher licensure in Tennessee upon completion of their curriculum.

NOTES:

1. Applied music study must include wind or percussion instrument. Enrollment in a small ensemble each semester is required of wind and percussion instrumental majors.
2. For vocal licensure, add MUS 443, MUS 445, and one additional semester of private applied voice.
3. Before student teaching, students must have upper division status in their major applied area and must have completed piano proficiency.

*For a **BM with a major in music education--vocal/choral K-12**, a student must complete the following curriculum:

Liberal Arts Core Requirements (41 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies 206 or Psychology 204 or 206	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, TH 110, or Music Ensembles	3

Senior Capstone Course (as listed in major hours below)

Part of credit in the Student Teaching Seminar	
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Courses in Music (64 hours)

Applied Music Major	14
Applied Music Keyboard	4
Ensemble	7
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2
Music 211-212 Advanced Theory I-II	6
Music 217-218 Sight-Singing and Ear Training III-IV	2
Music 240 Instrument Studies	2
Music 345SL Teaching Music Methods (practicum)	2
Music 415 Instrumentation	2
Music 431-432 Music History I-II	6
Music 441-442 Conducting I-II	4
Music 443 Teaching General Music Education K-8	3
Music 445 Teaching Choral Methods (practicum)	2

Professional Education (28 hours)

Education 203SL Foundations of Education	3
Education 205 Introduction to Diagnostic Reading Instruction: Techniques and Strategies	3
Education 350 Diversity in Schools, Homes, Community	2
Education 432 Disciplinary Literacy	2
Special Ed 313 Survey of Exceptional Persons (practicum)	3
Music 249 Music and Sound Technology	1
Music 348 Electronic Music Methods	2
Education 463 Student Teaching Seminar	2
Music 465 Student Teaching: Placement One	5
Music 467 Student Teaching: Placement Two	5

*Music education majors are eligible to apply for teacher licensure in Tennessee upon completion of their curriculum.

NOTES:

1. Applied music study may be voice or keyboard and must include four semesters of applied vocal instruction and four semesters of applied keyboard instruction. Keyboard majors must include MUS 205.
2. For instrumental licensure, add MUS 241, 242, 246, 343 and 346.
3. Before student teaching, students must have upper division status in their major applied area and must have completed piano proficiency.

For a **BM with a major in music education--K-12 (without licensure)**, a student must complete the following curriculum:

Liberal Arts Core Requirements (41 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies 206 or Psychology 204 or 206	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, TH 110, or Music Ensembles	3

Senior Capstone Course (as listed in major hours below)

Part of applied credit in the Senior Recital Semester

Courses in Music (60-63 hours)

Music Requirements for all majors

Applied Music Major ¹	14
Applied Music Keyboard	4
Ensemble	7
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2
Music 211-212 Advanced Theory I-II	6
Music 217-218 Sight-Singing and Ear Training III-IV	2
Music 415 Instrumentation	2
Music 431-432 Music History I-II	6
Music 441-442 Conducting I-II	4

Vocal and Keyboard majors

Music 443 Teacher General Music Education K-8	3
Music 445 Teaching Choral Methods (practicum)	2

Wind and Percussion majors

Music 343 Instrumental Music Methods (practicum)	2
Choose three (3) of the following:	
Music 241 Percussion Methods and Literature	2
Music 242 Woodwind Methods and Literature	2
Music 246 Brass Methods and Literature	2
Music 346 String Methods and Literature	2

Professional Education (24 hours)

Education 203SL Foundations of Education	3
Education 205 Introduction to Diagnostic Reading Instruction: Techniques and Strategies	3
Education 350 Diversity in Schools, Homes, Community	2
Education 432 Disciplinary Literacy	2
Special Ed 313 Survey of Exceptional Persons (practicum)	3
Music 249 Music and Sound Technology	1
Music 348 Electronic Music Methods	2
Professional Education electives ^{3, 4}	8

Total for Vocal/Keyboard -- 125

Total for Wind/Percussion -- 128

NOTES:

1. Applied music study may be voice, wind, keyboard, or percussion and must include four semesters of applied keyboard instruction. Keyboard majors must include MUS 205. Keyboard, Wind, and Percussion majors must include 1 hour of class voice (or applied voice).
2. Before student teaching, students must have upper division status in their major applied area and must have completed piano proficiency.
3. Professional electives can include EDUC 341, EDUC 342, EDUC 403, SPED 318.
4. These elective options require admission into the Teacher Education Program which leads to Licensure but are not required in non-licensure track. However, students who have completed these courses, but unsuccessfully complete PRAXIS Subject Assessment exams, may substitute hours from these courses to meet Professional Education Electives: MUS 345SL, Teaching Music Methods (practicum), 2 hours; EDUC 463², Student Teaching Seminar, 2 hours; MUS 465-467², Student Teaching: Placements I-II, 10 hours.

For a **BM with a major in music theory**, a student must complete the following curriculum:

Liberal Arts Core Requirements (53 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science	6

128 Music

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, TH 110, or Music Ensembles.....	3
Foreign Language for BM Theory - French or German	12

Senior Capstone Course (as listed in major hours below)

Part of Applied credit in the Senior Project credit

Courses in Music (78 hours)

Applied Music Major	12
Applied Music Keyboard.....	4
Ensemble	8
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2
Music 211-212 Advanced Theory I-II	6
Music 217-218 Sight-Singing and Ear Training III-IV	2
Music 219-419 Composition I-II	4
Music 348 Electronic Music Methods	2
Music 411 Form and Analysis	3
Music 413 Counterpoint	3
Music 415 Instrumentation	2
Music 416 Senior Project	3
Music 431-432 Music History I-II	6
Music 441-442 Conducting I-II	4
Music Electives	9

For a **BM in combination with an outside field**, a student must complete the following curriculum:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory science.....	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
History 133, 134, or 135	3
Art 104, Art 210, Art 316, Art 317, FA 301 (Honors), FILM 310, TH 110, or Music Ensembles.....	3
Language.....	6

Senior Capstone Course (as listed in major hours below)

Part of Applied credit in the Senior Recital Semester

Courses in Music (65 hours)

Applied Music Major	12
Applied Music Keyboard.....	4
Ensemble	8
Music 111-112 Elementary Theory I-II	6
Music 117-118 Sight-Singing and Ear Training I-II	2
Music 135-136 Introduction to Music History	2

Music 211-212	Advanced Theory I-II	6
Music 217-218	Sight-Singing and Ear Training III-IV	2
Music 431-432	Music History I-II	6
Music 441	Conducting I	2
Music Electives	(12 hours must be upper level).....	15

Outside Field (18 hours).....18

*Applied music must include at least one semester of upper division credit.

The outside field must fulfill a minor, if offered, or have department of music approval.

For a **Minor in Music**, a student must complete the following:

Music 111, 112, 135, 136

Applied Music - 4 hours

Music electives - 6 hours

A number of factors are considered in the decision to accept a student as a music major. Among the requirements that the faculty takes under advisement are the student's ability to relate musical sound to notation and terminology both quickly and accurately enough to undertake basic musicianship, and the level of achievement in music performance demonstrated by audition for the appropriate faculty committee. Those who do not exhibit appropriate skills and knowledge in either area may be deferred for acceptance for one semester while they attempt to develop the necessary abilities. Decisions regarding these students will be made by the respective applied jury and the theory faculty at the end of the student's first semester of study.

All music majors are advised by music faculty members. Sophomores and transfers are required to participate in a Sophomore/Transfer Review which assesses their possibilities of success as a music major. Different majors within music require different talents. The initial audition for acceptance and the above noted evaluation is intended to direct students into majors that match their abilities and desires.

Applied music instruction is available in piano, organ, voice, wind, percussion, and string instruments in either private lessons or for some instruments in group classes. Non-music majors may only enroll for one credit hour per semester and must receive private instructor's approval prior to enrolling. Group classes (for non-music majors or secondary applied music majors) carry one hour of credit. Applied music finals are given by a faculty jury. All Bachelor of Music students must pass all portions of the piano proficiency examination before they are allowed to schedule a senior recital and for music education students before the Music Faculty will support their request for student teaching. Bachelor of Arts students are not required to pass piano proficiency. All Bachelor of Music candidates must audition for upper division status after four semesters of study in their major applied area. Keyboard majors are required to take MUS 205, Class Piano V. Academic credit is awarded for applied music lessons as follows:

1 credit hour = 1/2 hour of instruction per week; 6 hours of required practice time per week

2 credit hours = 1 hour of instruction per week; 12 hours of required practice time per week

3 credit hours = 1 hour of instruction per week; 18 hours of required practice time per week

Students may take no more than 4 applied hours per semester and no more than 1 applied hour in a secondary area per semester, unless approved by the department chair. Students also meet collectively with the applied instructor on a regular basis (either weekly or bi-weekly) for repertoire classes.

Recitals may be given by all music majors. Students must have completed 1 semester of upper division applied study before giving a junior or senior recital. Performance majors are required to present a junior recital (presented jointly) and a full senior recital. Church Music, Music Education, and Music with an Outside Field majors are required to present a senior recital (presented jointly). Lecture recitals are an option to all except performance majors. A hearing will be held by a faculty committee at least two weeks prior to all junior and senior recitals. Recital candidates must pass the hearing before they are allowed to perform a junior or senior recital.

Music majors are required to attend 18 concerts or recitals presented by the Department of Music each semester. Non-music majors enrolled in applied music courses must attend a minimum of 5 recitals throughout the semester.

Performer's certificates are awarded in recognition of excellence of musicianship and technical proficiency. Students must be nominated by the faculty committee at their senior recital hearing. A ballot of the faculty will be taken following the performance.

Ensembles: Music majors are required to participate in at least one 1-credit hour ensemble each semester. Normally voice majors are required to sing in a vocal ensemble each semester, and instrumental majors (brass, woodwinds, and percussion) are required to play in marching and concert band. Semester grades in ensembles are based on attendance and participation. For music majors only, ensemble hours above four may count as upper division credits for juniors and seniors.

Nursing

Greg Casalenuovo, Beau Christian, Adam Einhardt, Jenna Frost, Carolanne Henley, Roberta Jones, Sharon McAnear, Pam Rogers, Lana Spence, Courtney Watson, Angela Wood, Bonnie Young

Major

Nursing - The Carson-Newman University Department of Nursing offers studies toward a Bachelor of Science in Nursing degree. The traditional program consists of 8 semesters over four years with nursing courses beginning in January. The accelerated program can be completed in 8 continuous semesters with nursing courses beginning in August.

Accreditation

The baccalaureate degree program in nursing at Carson-Newman University is accredited by the Commission on Collegiate Nursing Education (www.ccnaccreditation.org). The Baccalaureate Program is approved by the Tennessee Board of Nursing, holds membership in the Commission on Collegiate Nursing Education (CCNE) and the American Association of Colleges of Nursing, and is an Army ROTC Partnership in Nursing Education (PNE) school.

The Department of Nursing has classrooms, a clinical skills lab, a simulation lab, and a health assessment lab in the Hannah Hylton Pedersen Nursing Building, located on Davis Street, and administrative offices, faculty offices, computer lab, clinical skills lab and student lounge in Heritage Hall immediately behind the Pedersen Building. Nursing majors have clinical study and practice at a variety of institutions and health care facilities in both rural and urban settings.

Carson-Newman University Department of Nursing offers a rigorous baccalaureate nursing curriculum that includes academic and clinical performance requirements. To be awarded a Bachelor of Science in Nursing degree, the student must successfully complete both elements of the program. Students who receive a nursing degree from Carson-Newman University will have been exposed to the skills and knowledge necessary to attain licensure and to perform the clinical tasks normally expected of registered nurses.

All nursing majors are eligible for membership in the National Student Nurses' Association. Membership in the Rho Mu-at-large chapter of Sigma Theta Tau, International, is available by invitation based on GPA and class standing.

Nursing Major

All students who declare nursing as a major are assigned a departmental advisor who will closely follow the student's academic progress. Those students who wish to transfer into nursing from another major must first file a change of major form and be assigned an advisor for nursing. Transfer students from other institutions must have their previous work evaluated before being admitted to the university and declaring a nursing major. Granting credit for coursework completed at other institutions is determined by the university registrar and department chair.

Goal

The overall goal of the Bachelor of Science in Nursing program is to prepare entry level baccalaureate nurses who have "the skills and knowledge necessary to attain licensure and to perform the clinical tasks normally expected of registered nurses".

Types of Students

1. Qualified **high school seniors admitted as freshmen** to Carson-Newman University may at the time of admission to the University be admitted as pre-nursing majors. Freshman admission to the pre-nursing major guarantees the student, upon successful completion of prerequisites and satisfying all admission criteria, placement in the nursing program in the second semester of the sophomore year. Students will complete an application in the semester prior to their projected start of nursing coursework.
2. Carson-Newman students who begin as freshmen in a different major and then **change majors to pre-nursing**, must complete a change of major form. In the semester prior to starting nursing courses, students must complete the undergraduate nursing application. Upon successful completion of the prerequisites and satisfying all admission criteria, admission to the nursing major guarantees the student placement in the nursing program.
3. **Transfer students** must complete an application for admission to the nursing department. Admission into the nursing department is dependent upon successful completion of prerequisites and satisfying all admission criteria. Transfer students will be considered on a space available basis.
4. **Transfer students with nursing coursework** completed at other institutions must complete an application for admission to the nursing department which will be processed after admission to the University. In addition, the student must attach a letter of good standing from the previous university. To be considered for admission, a student may have no more than one nursing course failure as defined by the previous institution. Admission into the nursing department is dependent upon successful completion of prerequisites and satisfying all admission criteria. Transfer students will be considered on a space available basis.

5. **Admission information:** If the number of qualified students exceeds the number that can be accommodated in the class, the following criteria will be utilized in selection: cumulative GPA, Carson-Newman credit hours, ROTC enrollment, current military service, prior nursing education or experience, prior degree, nursing prerequisite grades, number of course withdrawals and repeats, grade improvement over time, number of prerequisite courses to complete, and interview as deemed necessary by the admission and progression committee.

After graduation from Carson-Newman, registered nurse (RN) licensure is acquired when the NCLEX-RN examination is successfully completed. Any state board of nursing reserves the right to deny licensure to anyone ever convicted of a crime other than a minor traffic violation. Anyone having such a conviction should contact the appropriate state board of nursing for advice prior to enrolling in nursing as a major. Successful completion of the BSN degree does not guarantee successful completion of NCLEX-RN.

Please see the nursing student handbook at www.cn.edu/nursing/ for additional information and policies.

Admission Criteria for the Traditional/Accelerated BSN Program

All students must meet the following admission criteria:

1. Cumulative GPA of 2.75 or higher.
Science GPA of 2.5 or higher. Science courses include BIOL 207, BIOL 208, BIOL 316, and CHEM 101 or equivalent.
2. Completion of all prerequisite courses with a C or better plus a maximum of one retake per course.
3. Successful completion of a criminal background check.
4. Accelerated program only -- can only have four (4) liberal arts courses left to complete prior to enrolling in nursing courses.

Degree Graduation Requirements

There are three groups of courses that are taken to satisfy nursing degree graduation requirements — prerequisites, liberal arts, and nursing.

1. Prerequisites are completed prior to beginning nursing courses.
BIOL 207 and BIOL 208, Anatomy and Physiology I and II
BIOL 316, Microbiology
CHEM 101, General Chemistry
CFS 206 *or* PSY 206, Human Development Across the Lifespan
English 101 and 201
FN 210, Basic Nutrition, *or* FN 214, Science of Nutrition, *or* 200 level course for transfer students
MATH 201, Statistics - prior to beginning nursing courses for the accelerated program or prior to NURS 315 for the traditional program
2. Liberal Arts Core requirements contain those courses as specified below. There is no language requirement for the nursing degree.
3. Nursing courses comprise 66 semester hours including NURS 202, 203, 212, 217, 302, 303, 307, 308, 315, 404, 405, 412, 413, 414, and an approved nursing elective. NURS 405 is the Senior Capstone Course required to fulfill liberal arts core requirements.

Liberal Arts Core Requirements (46-47 hours)

Liberal Arts (1-2 hours)

Liberal Arts 101SL..... 1-2
or Liberal Arts 102SL (for transfer students with 45 or more hours)

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013
Communication 135 or 2303

Studies in Mathematics and Science (15 hours)

Mathematics 2013
Biology 207, 208.....8
Chemistry 1014

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3
Child and Family Studies 206 or Psychology 206.....3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, Music Ensembles, MUS 133, or TH 1103
History 133, 134, or 1353

Senior Capstone Course (as listed in major hours below)

Nursing 405

Additional Courses Required for Nursing Major (7 hours)

Biology 316.....	4
Food and Nutrition 210	3
or Food and Nutrition 214	

Traditional Program Requirements (67 hours).....	67
or Accelerated Program Requirements (67 hours)	

TRADITIONAL PROGRAM REQUIREMENTS (67 hours)**First Semester – Spring**

NURS 202	Health Assessment	3
NURS 203	Pharmacology	3
NURS 212	Fundamentals of Nursing Practice	6
NURS 217SL	Health Care of the Elderly	2

Second Semester – Fall

NURS 302	Introduction to Altered Health States.....	4
NURS 303	Health Pattern Alterations in Adults	8

Third Semester – Spring

NURS 307	Child Health Patterns	5
NURS 308	Psychiatric Nursing	5
NURS 315	Foundations of Nursing Research.....	3

Fourth Semester – Fall

NURS 404SL	Community Health Nursing	5
NURS 413	Childbearing Health Patterns and Alterations	5
NURS 432	NCLEX Success Prep	1
	Nursing elective	2

Fifth Semester – Spring

NURS 405	Leadership and Management (senior capstone course)	6
NURS 412	Dimensions of Professional Nursing	3
NURS 414	Complex Alterations of Health Patterns	6

ACCELERATED PROGRAM REQUIREMENTS (67 hours)**First Semester – Fall**

NURS 202	Health Assessment	3
NURS 203	Pharmacology	3
NURS 212	Fundamentals of Nursing Practice	6
NURS 217SL	Health Care of the Elderly	2

Second Semester – Spring

NURS 302	Introduction to Altered Health States.....	4
NURS 303	Health Pattern Alterations in Adults	8

Third Semester – Summer

NURS 307	Child Health Patterns	5
NURS 413	Childbearing Health Patterns and Alterations	5
	Nursing elective	2

Fourth Semester – Fall

NURS 308	Psychiatric Nursing	5
NURS 315	Foundations of Nursing Research.....	3
NURS 404SL	Community Health Nursing	5
NURS 432	NCLEX Success Prep	1

Fifth Semester – Spring

NURS 405	Leadership and Management (senior capstone course)	6
NURS 412	Dimensions of Professional Nursing	3
NURS 414	Complex Alterations of Health Patterns	6

Philosophy

Brian Austin, John McClellan

Majors

Philosophy

The Philosophy program is located on the third floor of Henderson Humanities Building in the Philosophy, Linguistics, and World Languages Suite.

Students who have completed six hours in philosophy and who have a 3.00 GPA are eligible for membership in Phi Sigma Tau, the philosophy national honor society.

Students earning a philosophy major must demonstrate competency in a modern foreign language at the sophomore (201/202) level or achieve equivalent credit through placement tests.

For a major in philosophy, a student must complete no fewer than 28 hours of philosophy courses, including PHIL 410 during the senior year.

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Foreign Language (in sequence at appropriate level).....6

Senior Capstone Course (as listed in major hours below)

Philosophy 410

Philosophy Requirements (27 hours)

Twenty-seven (27) hours from the list below:

PHIL 101 Introduction to Philosophy and Critical Thinking3

PHIL 204 Principles of Logic and Science.....3

PHIL 301SL Christian Ethics.....3

PHIL 303 Ancient Philosophy3

PHIL 304 Medieval Philosophy3

PHIL 305 Modern Philosophy3

PHIL 306 Contemporary Philosophy3

PHIL 321 Religion and Science.....3

PHIL 400 Teaching Assistantship 1-3

PHIL 401 Problems of Philosophy3

PHIL 402SL Philosophy of Religion3

PHIL 403 Aesthetics3

PHIL 404 Nonwestern Religious Thought3

Philosophy Capstone (1 hour)

PHIL 410 Philosophy Colloquium (senior capstone course).....1

Elective Hours (45 hours)45

Honors students may use HUM 101, Humanities and the Cosmos I, as 3 hours of the PHIL hour requirement.

Physical Education

Jeff Knox, Jean Love

Major

Physical Education

Youth Athletics and Recreational Management

Minor

Recreation

Wilderness Recreational Management

Specialization

Physical Education with K-12 Teacher Licensure

The physical education degree program prepares students to enter the physical education field with a K-12 teacher license. Students may also teach wellness at the high school level with this certification.

The Youth Athletics and Recreation Management major is designed for students who want to teach physical activity and recreation to children, but do not want to teach Physical Education in schools. Graduates would be well suited as youth activity directors or other children's programming positions. Additionally, graduates will be well suited for a variety of careers in entertainment programming.

Students must be certified in First Aid and CPR by either the American Red Cross or the American Heart Association at some time during their collegiate career.

***Students must make a grade of "C" or better in courses marked with an asterisk.**

For a **BS in Physical Education with K-12 Teacher Licensure**, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (42 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 101*3

Communication 135 or 2303

Studies in Mathematics and Science (10 hours)

Any Mathematics 100 level course, 201, or 2073

Biology 101.....3

Biology 207*.....4

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Psychology 204.....3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, Film 310, Music ensembles, Music 133, or Theatre 1103

History 133, 134, or 1353

Senior Capstone Course (as listed in major hours below)

Physical Education 403

Physical Education Core (29 hours)

EXSC 245 Principles of Strength and Conditioning.....4

HLTH 202 Wellness: a Lifetime Objective.....3

PE 102 History and Philosophy of Physical Education.....1

PE 302SL* Teaching Physical Education in the Elementary School.....3

PE 360SL* Theory and Methods of Individual and Dual Sports.....3

PE 361SL* Theory and Methods of Team Games and Leisure Activities.....3

PE 402*	Human Motor Learning and Performance	3
PE 403*	Teaching Physical Education and Wellness in the Secondary School	3
PE 407SL	Adapted Physical Education	3
Any racquet sport or tennis class		1
Any two activity elective classes (not varsity athletics)		2

Professional Education Requirements (41-42 hours)

EDUC 203SL*	Foundations of Education	3
EDUC 204*	Educational Technology.....	3
EDUC 205	Introduction to Diagnostic Reading Instruction.....	3
EDUC 341	Curriculum, Instruction, and Management of the K-6 Classroom.....	3
or EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	
EDUC 350*	Diversity in Schools, Homes, and Communities	2
EDUC 403*	Assessment and Evaluation.....	3
EDUC 414SL	Reading Instruction and Assessment	3
or EDUC 432	Disciplinary Literacy	
EDUC 461	Liberal Arts Education Capstone Seminar	1
PSY 404	Educational Psychology II: Classroom Management	2-3
or SPED 425	Management of Challenging Behaviors	
SPED 313*	Survey of Persons with Exceptionalities.....	3
SPED 318	Techniques for the Inclusion of Diverse Learners	3
EDUC 463*	Seminar in Student Teaching	2
EDUC 465*	Student Teaching: Placement One	5
EDUC 467*	Student Teaching: Placement Two	5

Elective Hours (7-8 hours) 7-8

For a **BS in Physical Education (non-licensure)**, a student must complete the following curriculum:

Liberal Arts Core Requirements (42 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101*	3
Communication 135 or 230	3

Studies in Mathematics and Science (10 hours)

Any Mathematics 100 level course, 201, or 207	3
Biology 101.....	3
Biology 207.....	4

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Psychology 204.....	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
Art 210 or Music 133	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in major hours below)

Physical Education 403

Physical Education Core (29 hours)

EXSC 245	Principles of Strength and Conditioning.....	4
HLTH 202	Wellness: a Lifetime Objective.....	3
PE 102	History and Philosophy of Physical Education.....	1
PE 302SL	Teaching Physical Education in the Elementary School.....	3
PE 360SL	Theory and Methods of Individual and Dual Sports.....	3
PE 361SL	Theory and Methods of Team Games and Leisure Activities	3
PE 402	Human Motor Learning and Performance	3
PE 403	Teaching Physical Education and Wellness in the Secondary School	3
PE 407SL	Adapted Physical Education	3
Any racquet sport or tennis class		1
Any two activity elective classes (not varsity athletics)		2

Additional Requirements (38-39 hours)

EDUC 203SL	Foundations of Education	3
EDUC 204	Educational Technology.....	3
EDUC 205	Introduction to Diagnostic Reading Instruction.....	3
EDUC 341	Curriculum, Instruction, and Management of the K-6 Classroom.....	3
or EDUC 342	Curriculum, Instruction, and Management of the 6-12 Classroom	
EDUC 350	Diversity in Schools, Homes, and Communities	2
EDUC 414SL	Reading Instruction and Assessment	3
or EDUC 432	Disciplinary Literacy	
PSY 404	Educational Psychology II: Classroom Management	2-3
or SPED 425	Management of Challenging Behaviors	
SPED 313	Survey of Persons with Exceptionalities.....	3
SPED 318	Techniques for the Inclusion of Diverse Learners	3
Advisor approved electives.....		13

Additional Elective Hours (10-11 hours)..... 10-11

For a **BS in Youth Athletics and Recreational Management**, a student must complete the following curriculum:

Liberal Arts Core Requirements (41 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101*	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Biology 101.....	3
Laboratory Science	3

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Psychology 204.....	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in major hours below)

Physical Education 440	
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Content Core (37-39 hours)

PE 102	History and Philosophy of Physical Education.....	1
ID 213	Leadership Methods.....	2-3
or MGT 301	Essentials of Management and Leadership	
or REL 241	Introduction to Leadership	
PE 202	Principles of Coaching.....	2-3
or PE 210	Coaching Football	
or PE 212	Coaching Basketball	
or PE 214	Coaching Track and Field	
or PE 302SL	Teaching Health and Physical Education in Elementary School	
or CFS 414	Programs for Young Children I: Creativity and Expression	
PE 311SL	Sport as a Mission.....	3
or PE 335	Ethical Consideration in Sport	
PE 318	Practical Skills for Professionals in Sport and Recreation Management.....	3
or BAD 215	Business Information Tools	
PE 360SL	Theory and Methods of Individual and Dual Sports.....	3
or PE 361SL	Theory and Methods of Team Games and Leisure Activities	
PE 402	Human Motor Learning and Performance	3
or PE 406	Motor Development	
or PE 408	Sport Mechanics	
PE 407SL	Adapted Physical Education	3
PE 440	Policy and Risk Management in Sport and Recreation	3
PE 469	Exercise, Recreation, and Sport Sciences Internship.....	6

REC 304SL	Recreation Program Planning and Management.....	3
REC 440	Wilderness Leadership.....	3
Any two activity elective classes		2

Related Area Requirements (11 hours)

PSY 212	Social Entrepreneurship Seminar.....	2
REL 238	Introduction to Children's Ministry	3
or REL 240	Introduction to Youth Ministry	
SOC 207	American Minority Groups.....	3
or SOC 105	Social Problems	
or SOC 205	Sociology of Community	
or SOC 305	Urban Sociology	
PSY 312SL	Social Entrepreneurship and Non Profit Studies.....	3

Elective Hours (29-31 hours)..... 29-31

Minor

Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours.

The Wilderness Recreational Management Minor provides students experience and knowledge so they can manage wilderness recreation settings and guide excursions. Students learn to lead experiences in hiking and backpacking, kayaking, high and low ropes, and rock climbing. Graduates become knowledgeable in managerial skills, leadership styles, and risk management to lead wilderness based groups and organizations.

For a minor in wilderness recreational management (19 hours), students will complete the following courses:

ID 213	Leadership Methods.....	2
PE 012	Hiking/Backpacking	1
PE 052	Beginning Kayaking	1
PE 056	Rock Climbing and High Course Management	2
PE 318	Practical Skills for Professionals in Sport and Recreation Management.....	3
PE 407SL	Adapted Physical Education	3
REC 220	Recreation Practicum	1
REC 304SL	Recreation Program Planning and Management.....	3
REC 440	Wilderness Leadership.....	3

or a minor in recreation (19 hours), students will complete the following courses:

REC 200	Foundations of Recreation	3
REC 220	Recreation Practicum	1
REC 304SL	Recreation Program Planning and Management.....	3
REC 306	Administration of Recreation Programs	3
REC 340	Outdoor Recreation	3
REC 440	Wilderness Leadership.....	3
REC 461	Critical Issues in Recreation	3

Physical Education Add-on Endorsement

This option is for individuals already possessing a teaching license and wanting to add the physical education endorsement. In order to gain the endorsement, the courses must meet the knowledge and skills of the teaching areas, thereby satisfying the requirement for adding this endorsement to an existing license. An initial license requires that the same knowledge and skill be met plus the equivalent of an undergraduate major. Every endorsement (initial and add-on) requires the pertinent PRAXIS specialty area test(s).

The minimum total hour requirement for the add-on is 22. The following courses are required:

EXSC 245	Principles of Strength and Conditioning.....	4
PE 302	Teaching Physical Education and Health in the Elementary School	3
PE 360SL	Theory and Methods of Individual and Dual Sports.....	3
PE 361SL	Theory and Methods of Team Games and Leisure Activities.....	3
PE 402	Human Motor Learning and Performance	3
PE 403	Teaching Physical Education and Wellness in the Secondary School.....	3
PE 407SL	Adapted Physical Education	3

Additional Field Experience (as deemed appropriate if needed, depending on previous experience and area of initial licensure)

Driver Education Endorsement

The department offers courses through which a student will be qualified to add a driver education instructor endorsement to the teaching certification. The courses are offered during the summer session only.

Physics

Samuel Emmons, Jessica Short-Long

Major

- Physics
 - Emphasis in Applied Physics
 - Emphasis in Professional Physics

Minor

Physics

Specialization

Physics with 6-12 Teacher Licensure

The Physics program is located on the first level of Dougherty Science Center. Facilities include the Brown Laboratory of Physics, shop, darkroom, classrooms, and student study room.

The Physics program offers a high-quality, contemporary Physics Major and a Physics Minor. The major provides a solid foundation in the core areas of physics suitable as a preparation for careers in science and engineering or as a springboard for applying technical knowledge in such fields as business, medicine, law, public policy, and education.

The major has a strong fundamental technical core consisting of 33 hours of classes in general physics with lab, intermediate physics, calculus, and general chemistry with lab. Professional Physics requires an additional 12 hours of coursework in physics for a total of 45 hours. Applied Physics requires a student to select courses in a variety of different disciplines to complete the required 12 hours.

Professional Physics is intended primarily to prepare graduates for entry into respected graduate or professional schools. Through classes and laboratories, directed research, and summer internships, graduates of the program will be well-prepared for further study.

Applied Physics involves selected coursework and research chosen from among a variety of applied topics in physics and cognate areas in the sciences, mathematics, and computer science. Applied Physics is intended to prepare students for graduate work in engineering, graduate work in a health-related profession, or for entry-level employment in a variety of technical fields immediately following graduation.

Pre-Engineering is intended for students who plan to transfer to an undergraduate engineering program after completing two years of study at Carson-Newman. Students interested in obtaining a four-year degree and then entering into a graduate engineering program should follow the Applied Physics emphasis.

The **Physics Minor** consists of 20 hours of classes and laboratory work taken in physics and mathematics.

For a major in physics, a student must complete the following curriculum:

Liberal Arts Core Requirements (32 hours)

Liberal Arts (2 hours)	
Liberal Arts 101SL.....	2
Studies in Biblical Traditions (6 hours)	
Religion 101, 102.....	6
Studies in Communications (6 hours)	
English 101	3
Communication 135 or 230	3
Studies in Mathematics and Science (11 hours)	
Mathematics 151 (as listed in major hours below)	
Physics 201 (as listed in major hours below)	
Physics 202 (as listed in major hours below)	

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (12 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3

Senior Capstone Course (as listed in major hours below)

Physics 491	
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Common core courses required for Applied Physics and Professional Physics (33 hours)

PHYS 201	Principles of Physics I.....	4
PHYS 202	Principles of Physics II	4
PHYS 307	Modern Physics.....	3
PHYS 318	Experimental Physics.....	2
PHYS 330	Mechanics	3
PHYS 491	Senior Seminar.....	1
MATH 151	Calculus I	3
MATH 152	Calculus II.....	3
MATH 211	Calculus III.....	3
CHEM 103	General Chemistry I.....	4
CSC 107	Computer Programming I.....	3

Professional Physics Requirements (12 hours)

Twelve additional hours from PHYS courses	12
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Elective Hours (43 hours)43

- OR -

Applied Physics Requirements (12 hours)

Twelve additional hours selected from the courses below. Courses may be substituted at the discretion of the advisor in order to customize curricula for individual students. At least three of the twelve hours must be selected from courses with prefix PHYS.

BIOL 303	Soils and Geologic Science.....	3
CHEM 104	General Chemistry II.....	4
CHEM 201	Excel for Scientists	2
CHEM 301	Organic Chemistry I.....	4
CHEM 302	Organic Chemistry II	4
CHEM 305SL	Quantitative Analysis	4
CHEM 306	Instrumental Methods of Analysis	4
CHEM 310	Survey of Biochemistry	3
CHEM 401/415	Thermodynamics and Laboratory	4
MATH 201	Statistical Concepts and Methods	3
MATH 208	Linear Algebra I.....	3
MATH 303	Differential Equations	3
MATH 304	Mathematical Modeling.....	3
MATH 313	Calculus IV	3
MATH 406	Mathematical Statistics	3
MATH 408	Numerical Methods.....	3
MATH 409	Complex Analysis	3

Any CSC course

Any ENGR course

Any PHYS course numbered 300 or higher

Elective Hours (43 hours)43

For student planning to attend graduate school, additional courses in physics and mathematics are recommended. These courses should be chosen in consultation with the student's advisor.

140 Physics

Teacher Licensure: For licensure in Physics 6-12, students can complete either the applied or professional physics emphasis and must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (32 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (11 hours)

Mathematics 151 (as listed in major hours below)

Physics 201 (as listed in major hours below)

Physics 202 (as listed in major hours below)

Studies in Personal/Social Awareness (6 hours)

History 201 or 202 or Political Science 101 or 102.....3

Psychology 204, Psychology 206, or Child and Family Studies 206.....3

Studies to Enhance a World Perspective (12 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Senior Capstone Course (as listed in major hours below)

Physics 491

Physics Core Requirements (36 hours)

PHYS 201 Principles of Physics I.....4

PHYS 202 Principles of Physics II4

PHYS 110 Astronomy.....3

PHYS 307 Modern Physics.....3

PHYS 308 Quantum Physics3

PHYS 318 Experimental Physics.....2

PHYS 330 Mechanics3

PHYS 491 Senior Seminar.....1

MATH 151 Calculus I3

MATH 152 Calculus II.....3

MATH 211 Calculus III.....3

CHEM 103 General Chemistry I.....4

Additional Physics Requirements (6 hours)

Six additional hours from PHYS courses6

Related Area Requirements (8 hours)

CHEM 104 General Chemistry II.....4

BIOL 105 General Biology I.....4

Professional Education (37 hours)

EDUC 203SL Foundations of Education3

EDUC 204 Educational Technology.....3

EDUC 205 Introduction to Diagnostic Reaching Instruction: Techniques and Strategies3

EDUC 342 Curriculum, Instruction, and Management of the 6-12 Classroom3

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 403 Assessment and Evaluation.....3

EDUC 420 Content-Area Methods in 6-12 Classroom3

EDUC 432 Disciplinary Literacy2

SPED 313 Survey of Persons with Exceptionalities.....3

EDUC 463 Seminar in Student Teaching2

EDUC 465 Student Teaching: Placement One5

EDUC 467 Student Teaching: Placement Two5

Elective Hours (1 hour)1

Minors

Minors consist of a minimum of 20 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

Courses required for a Physics Minor (20 hours)

PHYS 201	Principles of Physics I.....	4
PHYS 202	Principles of Physics II	4
Any physics course numbered 300 or above		6
MATH 151	Calculus I	3
MATH 152	Calculus II	3

AP Credit

To obtain AP credit for PHYS 103 and 104, students must score 4 or above on the AP exam. On AP Test B, a score of 4 will receive credit for PHYS 103 and a score of 5 will receive credit for PHYS 103 and 104. On AP Test C: Mechanics, a score of 4 or above will receive credit for PHYS 201. On AP Test C: Electricity and Magnetism, a score of 4 or above will receive credit for PHYS 202.

Psychology

Robyn Branca, James E. Collins, April K. Dye, Larry Osborne, Laura Wadlington

Majors

Psychology

Social Entrepreneurship

Minors

Applied Developmental Psychology

Applied Psychology

Criminology

Mental Health

Positive Psychology

Social Entrepreneurship

Specialization

Psychology with 6-12 Teacher Licensure

The Psychology Department at Carson-Newman University seeks to provide an excellent undergraduate learning experience within a supportive Christian environment. The department is located in the Chambliss Building. In addition to traditional academic courses, the Psychology Department offers several practical opportunities through community field work, internships, independent research projects and teaching assistantships. One distinguishing feature of the Psychology Department is our emphasis on community participation and service. Following graduation, alumni have entered a variety of vocational fields, including mental health, the ministry, education, law, research, business and industry.

Students may choose between two primary majors: Psychology or Social Entrepreneurship. Psychology provides an overview of the field of psychology. Students going into bachelor's level mental health work or graduate study in applied fields such as counseling, youth work, psychological research, or social services should also choose a minor in psychology. An additional major, Social Entrepreneurship, is available for students wishing to help people by building strong communities through non-profit organizations of public policy advocacy. All majors are expected to participate in the co-curricular program of the psychology department by attending announced meetings, guest speaker programs as well as working closely with their faculty advisors in academic and career planning. Often students will choose to major and minor in psychology.

Students in the psychology major are eligible for membership in Psi Chi, the national psychology honor society, and the Psychology Club, which helps plan departmental activities.

Because recommended job and graduate school preparations can vary widely depending on career direction, CAREFULLY PLAN your course of studies by meeting regularly with your faculty advisor.

Advanced Placement - Three hours of credit for general psychology will be granted for a score of 4 or 5. Applicants must submit to the chair of the department a written description of the content of their high school psychology course, the most important and interesting topics they covered, and any course activities or projects. The chair will determine whether credit is to be awarded for PSY 101 or 102.

Language - General Psychology majors, Applied Psychology majors, and Social Entrepreneurship majors require six hours of language at the 100 level or higher. The language does not have to be in the same language.

Psychology Major

Designed for students interested in a broadbased, liberal arts education with a comprehensive introduction to the field of psychology. It is also ideal as a second major or for students who wish to both major and minor in psychology. The psychology majors require six hours of language at the 100 level or higher.

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language.....6

Senior Capstone Course (as listed in major hours below)

Psychology 412SL

Psychology Requirements (30 hours)

PSY 101 Introduction of Behavioral Science3

PSY 102 Understanding Human Behavior.....3

PSY 204 Childhood and Adolescence.....3

or 206 Human Development Through the Lifespan

PSY 213 Statistics and Research Design3

PSY 301 Social Psychology3

or 318 Humanity and the Biosphere

PSY 302 Abnormal Psychology.....3

PSY 405 History and Systems of Psychology3

PSY 412SL Senior Seminar.....3

PSY Electives.....6

Elective Hours (43 hours)43

Collateral Areas:

It is highly recommended that students preparing for graduate study in psychology, theology, law, medicine, or other professions take an additional emphasis, minor, or major in another area. Examples are biology, math, computer science, English, philosophy, religion, language, political science, history, sociology, cross-cultural sociology, art, music, conflict and justice studies, creative writing, film study, women's studies, Latin American studies, photography, management, or economics.

Teacher Licensure: For licensure in Psychology 9-12, students must meet state-mandated requirements as well as complete the following curriculum:

Liberal Arts Core Requirements (44 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

History 201 or 2023

Psychology 206 (as listed in major hours below)

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language.....6

Senior Capstone Course (as listed in major hours below)

Psychology 412SL

Psychology Requirements (30 hours)

PSY 101 Introduction of Behavioral Science3

PSY 102 Understanding Human Behavior.....3

PSY 206 Human Development Through the Lifespan.....3

PSY 213 Statistics and Research Design3

PSY 301 Social Psychology.....3

PSY 302 Abnormal Psychology.....3

PSY 405 History and Systems of Psychology3

PSY 412SL Senior Seminar.....3

PSY Electives.....6

Professional Education (37 hours)

EDUC 203SL Foundations of Education3

EDUC 204 Educational Technology.....3

EDUC 205 Introduction to Diagnostic Reaching Instruction: Techniques and Strategies3

EDUC 342 Instruction, and Management of the 6-12 Classroom

EDUC 350 Diversity in Schools, Homes, and Communities2

EDUC 403 Assessment and Evaluation.....3

EDUC 420 Content-Area Methods in 6-12 Classroom3

EDUC 432 Disciplinary Literacy2

SPED 313 Survey of Persons with Exceptionalities.....3

EDUC 463 Seminar in Student Teaching2

EDUC 465 Student Teaching: Placement One5

EDUC 467 Student Teaching: Placement Two5

Elective Hours (9 hours)9

Social Entrepreneurship Major

The Social Entrepreneurship: Citizens Creating Change for the Common Good is a major designed to equip students to assume positions of leadership and service in the citizenship sector working for positive change in the world and to start their own volunteer or non-profit organizations intended to address an identified social injustice or human need. The psychology majors require six hours of foreign language at the 100 level or higher.

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

144 Psychology

Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language	6

Senior Capstone Course (as listed in major hours below)

Psychology 412SL	
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Social Entrepreneurship Requirements (35 hours)

Required Courses (26 hours)

ECON 204	Economic Concepts	3
or ECON 210	Principles of Microeconomics	
MGT 306	Organizational Behavior	3
PSY 408	Psychology of Gender	3
or PSC 323	Global Feminisms: Women in the Modern World	
PSY 212	Social Entrepreneurship Seminar	2
PSY 312SL	Social Entrepreneurship and Non-Profit Studies	3
PSY 323	Peace Psychology	3
or PSY 209	Psychology of Adjustment and Health	
or PSY 250	Society and the Individual	
REL/PHIL 301SL	Christian Ethics	3
PSY 301	Social Psychology	3
or SOC 205SL	Sociology of Community	
PSY 412SL	Senior Seminar	3

Additional 9 hours of one course from each of the following subject areas:

Political Science:

PSC 101	Introduction to Civil Rights and Liberties	3
PSC 102	American Government and Politics	3
PSC 409	Contemporary Issues in U. S. Public Policy	3

Sociology:

SOC 207	American Minority Groups	3
SOC 305	Urban Sociology	3
SOC 402	People and Problems of the Third World	3

Social Science Elective:

PSC 241	History of Environmentalism and Environmental Politics	3
PSY 318	Humanity and the Biosphere	3
SOC 311	Environmental Sociology	3

Elective Hours (38 hours)38

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. The minors are for both psychology majors and non-majors. Minors available and their requirements are:

Minor in Applied Psychology (18 hours)

PSY 101	Introduction to Behavioral Science	3
PSY 102	Understanding Human Behavior	3
PSY Electives	.....	12

Minor in Applied Developmental Psychology (18 hours)

PSY 101	Introduction to Behavioral Science.....	3
or PSY 102	Understanding Human Behavior	
PSY 204	Childhood and Adolescence.....	3
or PSY 209	Psychology of Adjustment and Health	
or PSY 407	Gerontology	
PSY 206	Human Development Through the Lifespan.....	3
PSY 318	Humanity and the Biosphere.....	3
or PSY 308	Cognitive Psychology	
or PSY 410	Advanced Skills and Practice	
SOC 309	Marriage and Family.....	3
or CFS 301	Family Relationships	
or CFS 304	Parenting	
PSY Electives.....		3

Minor in Criminology (18 hours)

PSC 101	Introduction to Civil Right and Liberties.....	3
or PSC 102	American Government and Politics	
PSY 102	Understanding Human Behavior.....	3
or SOC 105	Social Problems	
PSY 302	Abnormal Psychology.....	3
PSY 316	Forensic Psychology	3
PSY 310	Criminology	3
or SOC 310	Introduction to Criminology	
SOC 401	Family Violence	3

Minor in Mental Health (18 hours)

PSY 102	Understanding Human Behavior.....	3
PSY 206	Human Development Through the Lifespan.....	3
PSY 209	Personal Adjustment and Health.....	3
PSY 302	Abnormal Psychology.....	3
PSY 304	Child and Adolescent Psychopathology.....	3
or PSY 316	Forensic Psychology	
or PSY 334	Group Counseling	
PSY 413	Counseling Theories and Techniques.....	3

Minor in Positive Psychology (18 hours)

PSY 101	Introduction to Behavioral Science.....	3
or PSY 102	Understanding Human Behavior	
PSY 209	Psychology of Adjustment and Health.....	3
PSY 425	Positive Psychology	3

Six (6) hours from the following:

PSY 301	Social Psychology	3
PSY 318	Humanity and the Biosphere.....	3
PSY 323	Peace Psychology.....	3
PSY 325	Psychology of Humor	3
PSY 406	Personality Theories.....	3
PSY 408	Psychology of Gender.....	3
PSY 413	Counseling Theories and Techniques.....	3
PSY 491	Psychological Research	2-3

Experience/Capstone Electives (3 hours)

PSY 410	Advanced Skills and Practice.....	3
PSY 491	Psychological Research	3

Minor in Social Entrepreneurship (18 hours)

ECON 204	Economic Concepts	3
or ECON 210	Principles of Microeconomics	
MGT 306	Organizational Behavior	3
PSC 102	American Federal Government I	3
or PSC 330	Law in American Society	
or PSC 409	Contemporary Issues in U. S. Public Policy	
PSY 212	Social Entrepreneurship Seminar.....	2
PSY 312SL	Social Entrepreneurship and Non-Profit Studies	3
REL/PHIL 301SL	Christian Ethics.....	3
PSY 301	Social Psychology	3
or SOC 205SL	Sociology of Community	

Religion

Andrew Burrow, David Crutchley, Merrill Hawkins, Christine Jones, Andrew King, Andrew Smith, Ryan Stokes

Majors

- Biblical Languages
- Religion
 - General
 - Emphasis in Biblical Studies
 - Emphasis in Leadership and Ethics
 - Emphasis in Ministry to Children and Youth
 - Emphasis in Ministry Studies
 - Emphasis in Missions
 - Emphasis in Spirituality and the Arts

Minors

- Biblical Languages
- Greek
- Hebrew
- Missions
- Oxford Studies
- Religion

Interdisciplinary Minors (See descriptions under Majors, Emphases, Minors, Programs.)

- Religious Studies
- Women’s Studies
- Worship Leadership

The School of Religion is located on the second floor of Henderson Humanities Building. The Religion major is designed to provide a foundational understanding of each of the major theological disciplines. Religion majors also have the opportunity to earn credit through practical experiences supervised by the faculty. A Religion faculty advisor will help the student plan a curriculum based on vocational goals. Majors are eligible for membership in *Theta Alpha Kappa*, the national Religion honor society. Opportunities also exist for students to study at Oxford University, to intern with the Baptist Joint Committee for Religious Liberty in Washington, DC, to participate in a travel seminar or an archaeological dig in the lands of the Bible, and to enroll in international mission practicums.

Majors are encouraged and assisted by the Religion faculty to pursue seminary or graduate studies following graduation. The background they receive at Carson-Newman University (including significant study offered in the biblical languages) makes our strongest majors eligible for advanced academic standing and significant graduate scholarships or fellowships.

Areas of Study:

Biblical Studies:

REL 313	Proverbs, Job, Ecclesiastes	3
REL 314	Psalms	3
REL 315	Worship in the New Testament	3
REL 317	Johannine Literature.....	3
REL 318	Sermon on the Mount.....	3
REL 319	Paul	3
REL 411	Parables of Jesus	3
REL 412	Luke-Acts.....	3
REL 415	Old Testament Prophets	3
REL 416	Woman and Biblical Tradition	3
REL 417	Pentateuch	3

Comparative Studies:

REL 320	Religions of the World	3
REL 322	New Religious Movements.....	3
REL 324	Islam.....	3
REL 329	Denominations in America	3
REL 404	Nonwestern Religious Thought	3
REL 420	Archaeology of Palestine	3
REL 426	Religion and Popular Culture in America.....	3
PHIL 321	Religion and Science.....	3

Historical Studies:

REL 155	Who Are the Baptists?	1
REL 339	History of Christianity	3
REL 355	History of the Baptist People	3
REL 357	Tutorial in Baptist Research I	3
REL 358	Tutorial in Baptist Research II	3
REL 359	Readings in British and Baptist Life.....	3
REL 433	American Religious History	3
REL 437	Woman in Christian History	3
REL 438	The Reformation: Protestant and Catholic.....	3
REL 459	Oxford Residency in Baptist Research	6

Ministry Studies:

REL 238	Introduction to Children's Ministry	3
REL 240	Introduction to Youth Ministry	3
REL 241	Introduction to Leadership.....	3
REL 347	Sermon Preparation and Delivery.....	3
REL 427	Religion and Film	3
REL 440	Understanding Families	3
REL 441	Love	1
REL 442	Grief.....	1
REL 443	Anger.....	1
REL 444	Guilt	1
REL 445	Self Esteem	1
REL 446	In Search of Yourself.....	1
REL 449	Introduction to Pastoral Theology and Care	3
REL 450	Discovering the Mission of God.....	3
REL 452	Cross Cultural Experience and World Awareness Practicum.....	3
REL 453	A History of the Church on Mission with God.....	3
REL 454	Topics in Missions	3

Theological Studies:

REL 301SL	Christian Ethics.....	3
REL 361	Introduction to Systematic Theology.....	3
REL 362	Readings in Christian Theology.....	3
REL 402SL	Philosophy of Religion	3

For a major in Biblical Languages, see the Foreign Language Department section of this catalog. The major in biblical languages is skill oriented and consists of at least 15 hours in one biblical language (either Koine Greek or Biblical Hebrew) and a minimum of 12 hours in the other. The major is designed as preparation for graduate study in biblical studies. The courses are offered through the Foreign Language Department and taught by the Religion Department faculty.

Religion**General****Emphasis in Biblical Studies****Emphasis in Leadership and Ethics****Emphasis in Ministry to Children and Youth****Emphasis in Ministry Studies****Emphasis in Missions****Emphasis in Spirituality and the Arts**

148 Religion

For a General major in Religion or for a major in Religion with an Emphasis area, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. These include:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Religion 469SL

Religion Core Requirements (30 hours)

REL 201 Introduction to Ministry3

REL 224SL Spiritual Growth and Development3

REL 469SL Senior Seminar.....3

Biblical Studies Elective3

Comparative Studies Elective3

Historical Studies Elective.....3

Ministry Studies Elective3

Theological Studies Elective3

Additional Religion Electives.....6

Elective Hours (43 hours)43

If the student chooses to take any more courses in Religion (no more than 18 additional hours will count toward graduation), then the faculty strongly suggests up to 18 hours chosen from the “Areas of Study” courses as follows:

General Religion major (18 hours)

Biblical Studies Elective – a course in Old Testament3

Biblical Studies Elective – a course in New Testament3

Comparative Studies Elective3

Historical Studies

or Theological Studies Elective3

REL Elective(s)

or Biblical Language sequence (201-202)6

For a major in Religion with an Emphasis area, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. The only difference in the curriculum among these different emphases is found in the list of courses in the “Area Emphasis” which defines each particular major course of study.

For a major in Religion with Emphasis in Biblical Studies, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. In addition, the student will complete 15 hours of required electives in the “Area Emphasis” courses as follows:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

Studies to Enhance a World Perspective (18 hours)

English 201, 3016

Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 1103

History 133, 134, or 1353

Language (in sequence at appropriate level)6

Senior Capstone Course (as listed in major hours below)

Religion 469SL

Religion Core Requirements (30 hours)

REL 201 Introduction to Ministry3

REL 224SL Spiritual Growth and Development3

REL 469SL Senior Seminar.....3

Biblical Studies Elective3

Comparative Studies Elective3

Historical Studies Elective3

Ministry Studies Elective3

Theological Studies Elective3

Additional Religion Electives6

Biblical Studies Emphasis Requirements (15 hours)

Biblical Studies Elective (course in Old Testament)3

Biblical Studies Elective (course in New Testament)3

Biblical Studies Elective (course in Old or New Testament)3

Hebrew 201-202 sequence OR Greek 201-202 sequence6

Elective Hours (28 hours)28

For a major in Religion with Emphasis in Leadership and Ethics, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. In addition, the student will complete 18 hours of required electives to be selected from the “Area Emphasis” courses as follows:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....2

Studies in Biblical Traditions (6 hours)

Religion 101, 102.....6

Studies in Communications (6 hours)

English 1013

Communication 135 or 2303

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 2073

Laboratory Science6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science3

Child and Family Studies, Linguistics, Psychology, or Sociology3

150 Religion

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Religion 469SL

Religion Core Requirements (30 hours)

REL 201	Introduction to Ministry	3
REL 224SL	Spiritual Growth and Development	3
REL 469SL	Senior Seminar	3
Biblical Studies Elective		3
Comparative Studies Elective		3
Historical Studies Elective		3
Ministry Studies Elective		3
Theological Studies Elective		3
Additional Religion Electives		6

Leadership and Ethics Emphasis Requirements (18 hours)

REL 241	Introduction to Leadership	3
REL 301SL	Christian Ethics (also PHIL 301SL)	3
REL 415	Prophets	3
or REL 313	Proverbs, Job, Ecclesiastes	
REL 318	Sermon on the Mount	3
REL Elective		
	Theological Studies Elective or Historical Studies Elective	3
PSC 315	Contemporary International Issues	3
or PHIL 306	Contemporary Philosophy	

Elective Hours (25 hours)

For a major in Religion with Emphasis in Ministry to Children and Youth, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. In addition, the student will complete a total of 18 hours of both requirements and electives from the “Area Emphasis” courses as follows:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Religion 469SL

Religion Core Requirements (30 hours)

REL 201	Introduction to Ministry	3
REL 224SL	Spiritual Growth and Development	3
REL 469SL	Senior Seminar	3

Biblical Studies Elective	3
Comparative Studies Elective	3
Historical Studies Elective	3
Ministry Studies Elective	3
Theological Studies Elective	3
Additional Religion Electives	6

Ministry to Children and Youth Emphasis Requirements (18 hours)

Nine (9) hours from the following area requirements:

REL 238	Introduction to Children's Ministry	3
REL 240	Introduction to Youth Ministry	3
REL 241	Introduction to Leadership	3
PSY 204	Psychology of Childhood and Adolescence	3

Nine (9) hours from the following area electives:

REL 238	Introduction to Children's Ministry (if not taken above).....	3
REL 240	Introduction to Youth Ministry (if not taken above).....	3
REL 440	Understanding Families	3
CFS 301	Family Relationships	3
COMM 250	Media, Religion and Ministry	3
PSY (CFS) 206	Human Development Through the Lifespan.....	3
SOC 205SL	Sociology of Community	3
SOC 309	Marriage and Family.....	3
SOC 401	Family Violence	3

Elective Hours (25 hours)25

For a major in Religion with Emphasis in Ministry Studies, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. In addition, the student will complete 18 hours of required electives to be selected from the "Area Emphasis" courses as follows:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Religion 469SL	
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Religion Core Requirements (30 hours)

<u>Core Requirements (60 hours)</u>		
REL 201	Introduction to Ministry	3
REL 224SL	Spiritual Growth and Development	3
REL 469SL	Senior Seminar.....	3
Biblical Studies Elective		3
Comparative Studies Elective		3
Historical Studies Elective.....		3
Ministry Studies Elective		3
Theological Studies Elective		3
Additional Religion Electives		6

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Ministry Studies Emphasis (18 hours)

Twelve (12) hours from the following area requirements:

REL 238	Introduction to Children's Ministry	3
REL 240	Introduction to Youth Ministry	3
REL 241	Introduction to Leadership	3
REL 347	Sermon Preparation and Delivery	3
REL 440	Understanding Families	3
REL 441-6	Love, Grief, Anger, Guilt, Self-Esteem, Resilience (1 hour modules)	3
REL 449	Pastoral Theology and Care	3
REL 450	Discovering the Mission of God	3
REL 452	Cross-Cultural Experience and World Awareness Practicum	3

Six (6) hours from the following area electives:

PSY 204	Childhood and Adolescence	3
or PSY 206	Human Development Through the Lifespan (also CFS 206)	
PSY 302	Abnormal Psychology.....	3
SOC 309	Marriage and Family.....	3
or CFS 301	Family Relationships	
SOC 312	Sociology of Religion	3
SOC 401	Family Violence	3

<u>Elective Hours (25 hours)</u>	25
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For a major in Religion with Emphasis in Missions, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. In addition, the student will complete 18 hours of both requirements and electives from the "Area Emphasis" courses as follows:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL.....	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102.....	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Religion 469SL	
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Religion Core Requirements (30 hours)

REL 201	Introduction to Ministry	3
REL 224SL	Spiritual Growth and Development	3
REL 469SL	Senior Seminar.....	3
Biblical Studies Elective		3
Comparative Studies Elective		3
Historical Studies Elective		3
Ministry Studies Elective		3
Theological Studies Elective		3
Additional Religion Electives		6

Missions Emphasis Requirements (18 hours)

REL 320	Religions of the World	3
REL 450	Discovering the Mission of God	3
SOC 201	Cultural Anthropology	3

Nine (9) hours from the following:

REL 241	Introduction to Leadership	3
REL 452	Cross-Culture Missions and World Awareness Practicum	3
REL 453	A History of the Church on Mission With God	3
REL 454	Topics in Missions	3

Elective Hours (25 hours)25

For a major in Religion with Emphasis in Spirituality and the Arts, the student will complete the Liberal Arts Core Requirements and the Religion Core Requirements. In addition, the student will complete 17-18 hours of required electives to be selected from the “Area Emphasis” courses as follows:

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language (in sequence at appropriate level)	6

Senior Capstone Course (as listed in major hours below)

Religion 469SL	
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Religion Core Requirements (30 hours)

REL 201	Introduction to Ministry	3
REL 224SL	Spiritual Growth and Development	3
REL 469SL	Senior Seminar.....	3
Biblical Studies Elective		3
Comparative Studies Elective		3
Historical Studies Elective.....		3
Ministry Studies Elective		3
Theological Studies Elective		3
Additional Religion Electives		3

Spirituality and the Arts Emphasis Requirements (17-18 hours)

REL 240	Introduction to Leadership	3
REL 427	Religion and Film	3
REL 462	Readings in Christian Theology	3
ART 316	Art History I	3
ART 317	Art History II	3
ENG 451	Major Authors in British Literature	3
MUS 135	Introduction to Music History and Literature I	1
MUS 136	Introduction to Music History and Literature II	1
MUS 321	The Songs of the Church	3
or MUS 322	Christian Worship Practices	2

Elective Hours (25-26 hours)..... 25-26

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

- For a minor in Religion**, a student must complete 18 hours in addition to REL 101 and 102. Three hours must be taken from each of the five areas in the religion curriculum plus one additional REL elective.
 - For a minor in Biblical Languages**, a student must take 12 hours of Greek and 12 hours of Hebrew.
 - For a minor in Greek**, a student must take 18 hours of Greek.
 - For a minor in Hebrew**, a student must take 18 hours of Hebrew.
 - For a minor in Missions**, a student must complete 18 hours (12 hours required courses and 6 hours elective courses) in addition to REL 101 and 102. The required courses are REL 224SL, REL 320, REL 450, and SOC 201. Six hours elective credit may be taken from REL 241, REL 452, REL 453, and REL 454.
 - For an Oxford Studies minor**, a student must complete 18 hours to include 6 hours tutoring in preparation for Oxford, 3 hours in Baptist History, 3 hours in Readings in British and Baptist Life, and 6 hours credit for the Trinity term at Regents Park College of Oxford University, England (contact the Religion Department for the application process).
 - For a minor in Religious Studies**, a student must complete 18 hours (12 hours required courses and 6 hours elective courses) in addition to REL 101 and 102. The required courses are PHIL 402SL and 404, REL 320, and SOC 312. Six hours elective credit may be taken from either REL 324 or HIST 341 and a course from REL 322, 426, or 433.
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Sociology

Teresa Harper, Maria Hartley, Greg Hoover

Majors

Sociology
Human Services

Minors

Criminology (see psychology minors)
Sociology
Human Services

Interdisciplinary Minors (See descriptions under Majors, Emphases, Minors, Programs.)
Environment and Community

The Sociology program is located in the Chambliss Building. Sociology and Human Services majors have opportunities for practical experience in service-learning settings such as the Tennessee Department of Human Services, community organizations, and urban or overseas missions. Majors with a 3.5 GPA become members of Alpha Kappa, the department’s honor society.

The sociology and the human services majors require six hours of language at the 100 level or higher. The language does not have to be in the same language.

For a major in sociology, a student must complete no less than 30 hours within the department.

Liberal Arts Core Requirements (47 hours)

Liberal Arts (2 hours)	
Liberal Arts 101SL.....	2
Studies in Biblical Traditions (6 hours)	
Religion 101, 102.....	6
Studies in Communications (6 hours)	
English 101	3
Communication 135 or 230	3
Studies in Mathematics and Science (9 hours)	
Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language	6

Senior Capstone Course (as listed in major hours below)

Sociology 441

Sociology Core Requirements (11 hours)

SOC 101	Introduction to Sociology	3
SOC 204	Introduction to Sociological Research	3
SOC 405	Social Theory	3
SOC 441	Seminar in Sociology	2

General Sociology Emphasis (19 hours)

Three of the following courses:

SOC 105	Social Problems	3
SOC 203	Statistical Concepts and Methods	3
SOC 301	Social Psychology	3
SOC 309	Marriage and Family	3
SOC 310	Introduction to Criminology	3
SOC 311	Environmental Sociology	3
SOC 312	Sociology of Religion	3

Electives in Sociology10

Elective hours (43 hours)43

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Cross-Cultural Emphasis (19 hours)

SOC 406SL	Cross-Cultural Field Experience	3
or SOC 410SL	Cross-Cultural Communication Practicum	

Four of the following courses:

SOC 201	Introduction to Cultural Anthropology	3
SOC 203	Statistical Concepts and Methods	3
SOC 205SL	Sociology of Community	3
SOC 207	American Minority Groups	3
SOC 305	Urban Sociology	3
SOC 312	Sociology of Religion	3
SOC 402	People and Problems of the Third World	3

Electives in Sociology4

Elective hours (43 hours)43

The human services major teaches helping skills to be used in the field of social work. **For a major in human services**, a student must complete no less than 30 hours within the department.

Liberal Arts Core Requirements (47 hours)**Liberal Arts (2 hours)**

Liberal Arts 101SL	2
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Studies in Biblical Traditions (6 hours)

Religion 101, 102	6
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Studies in Communications (6 hours)

English 101	3
Communication 135 or 230	3

Studies in Mathematics and Science (9 hours)

Any Mathematics 100 level course, 201, or 207	3
Laboratory Science	6

Studies in Personal/Social Awareness (6 hours)

Consumer Services, Economics, History, Philosophy, or Political Science	3
Child and Family Studies, Linguistics, Psychology, or Sociology	3

Studies to Enhance a World Perspective (18 hours)

English 201, 301	6
Art 104, Art 210, Art 316, Art 317, FA 301, FILM 310, music ensembles, MUS 133, or TH 110	3
History 133, 134, or 135	3
Language	6

Senior Capstone Course (as listed in major hours below)

Sociology 442	
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Human Services Requirements (30 hours)

SOC 101	Introduction to Sociology	3
SOC 102	Introduction to Human Services	3
SOC 202	Human Services Practice, Theory, and Skills	3
SOC 204	Introduction to Sociological Research	3
SOC 218	Human Behavior in the Social Environment I	3
SOC 303	Social Welfare Policy	3
SOC 318	Human Behavior in the Social Environment II	3
SOC 401	Family Violence	3
SOC 409SL	Human Services Field Experience	3
SOC 442	Seminar in Human Services	2
Sociology Electives		1

Elective hours (43 hours)	43
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NOTE: Courses in one major within the Sociology Department may not count toward the other major offered by the department unless such courses are designated as required by both majors. Courses so designated and counted in more than one major are limited to two.

Minors

Minors consist of a minimum of 18 credit hours. Courses in the minor may not count toward a major, another minor, or the core unless such courses are designated as required. Courses so designated and counted in more than one area are limited to 6 hours. Minors available and their requirements are:

For a minor in sociology, a student must complete 18 hours in sociology

SOC 101	Introduction to Sociology	3
Nine (9) hours from the following:		
SOC 105	Social Problems	3
SOC 201	Introduction to Cultural Anthropology	3
SOC 203	Statistical Concepts and Methods	3
or PSY 213	Research Design and Interpretation	
SOC 204	Introduction to Sociological Research	3
SOC 205SL	Sociology of Community	3
SOC 207	American Minority Groups	3
SOC 301	Social Psychology	3
SOC 302	Sociology and the Christian Faith	3
SOC 305	Urban Sociology	3
SOC 309	Marriage and Family	3
SOC 310	Introduction to Criminology	3
SOC 311	Environmental Sociology	3
SOC 312	Sociology of Religion	3
SOC 321	Native Americans of the Great Plains	3
SOC 402	People and Problems of the Third World	3
SOC 405	Social Theory	3
SOC 406SL	Cross-Cultural Field Experience	3
SOC 410SL	Cross-Cultural Communication Practicum	1-3
Six (6) hours from above courses or other Sociology electives		6

For a minor in human services, a student must complete 18 hours of sociology

SOC 101	Introduction to Sociology	3
SOC 102	Introduction to Human Services	3
SOC 202	Human Services Practice, Theory, and Skills	3
SOC 218	Human Behavior in the Social Environment I.....	3
SOC 409SL	Human Services Field Experience	3
Three (3) hours from the following:		
SOC 105	Social Problems	3
SOC 204	Introduction to Sociological Research	3
SOC 206	Poverty and Homelessness.....	2-4
SOC 209	Internship in Human Services	1-3
SOC 303	Social Welfare Policy	3
SOC 318	Human Behavior in the Social Environment II.....	3
SOC 401	Family Violence	3
SOC 416	Policy and Practice in Health Care Setting.....	3
SOC 417	Gerontology	3

Health Pre-Professions

For students interested in continuing on to graduate school in allied health areas. These areas include Chiropractic Medicine, Dentistry, Medical Technology, Medicine (Allopathic and Osteopathic), Occupational Therapy, Optometry, Pharmacy, Physical Therapy, Physician Assistant, Podiatry, and Veterinary Medicine (this does not include Nursing or Athletic Training). Students are required to abide by the following Health Professions Advising Committee (HPAC) policies. These policies are reviewed annually by the HPAC.

Health Pre-Profession Policies

1. You must identify yourself as a health pre-professional student and be included in our Health Professions database. Contact the administrative assistant (DSC 203), 865-471-3250, or the Director of Health Pre-Professions.
2. You will be assigned a faculty advisor who is a member of the HPAC.
3. You must complete a 1-hour course, ID 208 (Career Planning in Health Professions), before the local HPAC interview. We recommend that ID 208 be taken during your first fall semester at Carson-Newman University.
4. You must accumulate at least 40 hours of experience (which can include shadowing) in your specific career choice before scheduling the local HPAC interview.
5. You must be interviewed by the HPAC before a letter of recommendation will be written in support of your application to professional school.
6. If you are a transfer student, you must pass two lab science courses at Carson-Newman University under two different professors before scheduling your HPAC interview.
7. Once you are admitted to Carson-Newman, you are expected to take the lab science courses required by the professional schools to which you plan to apply at Carson-Newman University.
8. You must use the HPAC composite letter of recommendation for admission to professional school. If exceptions are found, contact the Director of Health Pre-Professions. Carson-Newman faculty are asked NOT to write individual letters of recommendation directly to professional schools to support admission to health professional schools.

Post-Baccalaureate Health Professions Program

The Health Pre-Professional Program at Carson-Newman University offers a bridge program for students who already have earned a bachelor's degree and desire a change of career into one of the health professions. Requirements will center around the health professions career choice and the specific professional schools to which the student selects to apply. Post-Baccalaureate students will need to work closely with their Health Professions advisor. This program is not a graduate program or a degree program and thus does not need to satisfy a major or the Carson-Newman University Liberal Arts Core Requirements. It is anticipated that required courses can be completed in an intense 12 to 24 month period. Students in this program are expected to maximize their exposure to the Carson-Newman University environment. Therefore, Post-Baccalaureate students will be able to take advantage of the strong health pre-professional program already in place at the university. Components of this preparation include academic advising, required curriculum, shadowing in the career, the Committee interview, letter of recommendation, and MCAT prep program. For more information, contact Dr. Stephen Karr, Director of Health Professions, at 865-471-3250. This program is not aid eligible.

Articulation Agreement

University of St. Augustine (FL)

Carson-Newman is a participating institution in the Ambassador Program involving the Doctor of Physical Therapy and both the Master's and the Doctor of Occupational Therapy at the University of St. Augustine (FL). Students who meet all requirements for admission (see listed websites) at St. Augustine and all local requirements at Carson-Newman will gain preferred admission status. Students are expected to work closely with their HPAC Advisor and to identify their desire to participate in the Ambassador Program to the Director of Health Pre-Professions as soon as possible but before the start of their junior year.

COURSE DESCRIPTIONS

Academic Skills Enhancement (ASE)

ASE 030. Reading Skills, 3 hours*, Fall, Spring

Comprehension and vocabulary development, listening, note-taking, test-taking and time-management skills.

ASE 031. Basic Writing Skills, 3 hours*, Fall, Spring

Basic reviews and development of grammar, spelling, vocabulary, and composition (essay) skills and mechanics.

ASE 033. Basic Writing Skills for International Students, 3 hours*, Taught as needed

Taught as needed for those students whose second language is English. Development of grammar, spelling and composition (essay) skills.

ASE 034. Intermediate Algebra, 3 hours*, Fall, Spring

The number system, basic operations and properties, equations and inequalities, quadratic equations, graphs, exponents and radicals, ratio, proportion, and variation.

ASE 070. Intermediate Algebra II, 2 hours*, Fall, Spring

Additional skill development in college algebra. Placement based on ACT math score.

***Hours are not degree credit hours and cannot be used toward graduation requirements.**

Accounting (ACCT)

ACCT 201. Principles of Financial Accounting, 3 hours, Fall, Spring

Introduction to basic concepts and terminology of financial accounting. Study of basic financial statements, recording of transactions, and control of assets for various forms of business organizations in retail and service industries, financing through the use of debt, and capital stock transactions.

ACCT 202. Principles of Managerial Accounting, 3 hours, Fall, Spring

Introduction of the basic concepts and terminology of managerial accounting. Study of the basic cost behaviors, product costing, profit planning and budget preparation necessary for decision making. **Prerequisite: ACCT 201.**

ACCT 301. Intermediate Accounting I, 3 hours, Fall

The study of accounting standards, conceptual framework, accounting process and the balance sheet accounts. **Prerequisite: Business Foundation Core.**

ACCT 302. Intermediate Accounting II, 3 hours, Spring

The study of stockholder equity, earnings per share, income taxes, pensions, leases, cash flow and accounting concepts. **Prerequisite: ACCT 301.**

ACCT 306. Strategic Cost Accounting, 3 hours, Spring

Study of the creation and measurement of value in business organizations. Provides the skills needed to help organizations improve their financial and operating performance, thereby increasing the value of the firms. **Prerequisite: Business Foundation Core.**

ACCT 307. Accounting Theory, 3 hours, Offered periodically

Study of theories, principles and postulates of accounting. Includes a study of history of standard setting process, analysis of the APBs and FASBs and a survey of current topics. Students make major presentation on some issue affecting the profession. **Prerequisite: ACCT 301.**

ACCT 308. Not-for-Profit Accounting, 3 hours, Offered periodically

Study of budgeting, accounting and control procedures for non-profit organizations such as governmental units, philanthropic organizations, churches, hospitals and colleges. Includes theory and principles as stated in FASB and GASB standards. **Prerequisite: Business Foundation Core.**

ACCT 309. Accounting Information Systems, 3 hours, Fall

Introduction to the use of relational databases and the design of accounting information systems that use such databases with respect to the revenue cycle, expenditure cycle, and payroll cycle. Database design using the REA data model and implementing an REA model in relational databases are covered. Students study computer fraud and systems controls to detect fraud. **Prerequisite: Business Foundation Core.**

ACCT 402. Auditing I, 3 hours, Spring

The auditing profession, types of reports, professional ethics, legal liability, and methods of conducting audits. **Prerequisite: Business Foundation Core.**

ACCT 406. Advanced Accounting, 3 hours, Fall

Study of accounting procedures for consolidated firms, partnerships and a survey of accounting for not-for-profit organizations. **Prerequisites:** ACCT 301 and 302.

ACCT 414. Federal Taxation I, 3 hours, Fall

Federal tax fundamentals with emphasis on Internal Revenue Service rules and regulations as applicable to individual taxpayer. **Prerequisite:** Business Foundation Core.

ACCT 415. Federal Taxation II, 3 hours, Spring

Federal income tax fundamentals with emphasis on Internal Revenue Service rules and regulations as applicable to corporations, partnerships, estates, and trusts. **Prerequisite:** ACCT 414.

ACCT 465. Accounting Internship, 1-6 hours, Offered periodically

Practical experience as an accountant or accountant trainee. Proposals must be submitted for approval to faculty member supervising the internship. Credit assigned will be at the sole discretion of supervising faculty member. Course may be repeated to a maximum of 6 hours credit. S/F grading. **Prerequisites:** Business Foundation Core, junior standing, instructor's consent.

American Sign Language (ASL)

ASL 201. American Sign Language I, 3 hours, Fall, Spring, Summer

This course will give the student a basic understanding of American Sign Language and introduction of Deaf culture. The focus will be on development of both expressive and receptive skills.

ASL 202. American Sign Language II, 3 hours, Fall, Spring, Summer

Continuation of ASL 201. **Prerequisite:** ASL 201.

Art (ART)

ART 100. Art Fundamentals I, 6 studio hours, 3 hours credit, studio fee, Fall

Study and practical applications of the basic fundamentals of visual art, with an emphasis on 2-dimensional design and composition, including the exploration of line, shape, value, texture, color, and space. **\$100 fee.**

ART 103. Art Fundamentals II, 6 studio hours, 3 hours credit, studio fee, Spring

A continuation of the study and applications of the basic fundamentals of visual art started in ART 100, with an emphasis on 3-dimensional design and composition, the appropriate and safe use of artmaking tools and materials, and professional presentation methods. **Prerequisite:** ART 100. **\$100 fee.**

ART 104. Photography I, 6 studio hours, 3 hours credit, studio fee, Fall, Spring

Introduction to the basic concepts, processes, and techniques of traditional analog film photography, including 35mm camera usage, exposure, and black and white film and print development in a traditional chemical darkroom. ***The student is responsible for providing his or her own 35 mm film SLR (single lens reflex) camera for this course*** **\$150 fee.**

ART 105. Drawing I, 6 studio hours, 3 hours credit, studio fee, Fall

Problems in drawing and sketching as applied to the realistic and expressive representation of still life, landscape and figure motifs. Emphasis on composition, line and value qualities, rapid figure sketching and use of varied drawing media. **\$120 fee.**

ART 113. Computer Graphics, 3 hours, Fall, Spring

An introduction to computer hardware and software used in graphic design and the visual arts. **\$150 fee.**

ART 121. Orientation for Art and Photography Majors, 2 hours, Fall

Orientation to the policies and procedures of the Art Department, including submitting to and preparing work for the student gallery, annual portfolio review, using equipment and tools within the department, safety and appropriate use of hazardous materials, and overall professionalism. This course is required and should be taken during the fall of either the freshman or transfer year.

ART 204. Photography II, 6 studio hours, 3 hours credit, studio fee, Spring

Continuation of 35 mm black and white analog film and print development techniques started in Art 104, in a traditional chemical darkroom, with emphasis on categorical photography and special techniques. **Prerequisite:** ART 104. **\$150 fee.**

ART 205. Drawing II, 6 studio hours, 3 hours credit, studio fee, Spring

Problems aimed at developing skill and expressiveness in drawing the basic form, construction and action of the human figure from live models. **Prerequisite:** ART 105. **\$120 fee.**

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ART 210. Art Appreciation, 3 hours, Fall, Spring, Summer

An introduction to visual art covering the following topics: the meanings, purposes, and styles of art; the art elements and principles of design; key achievements in art history; and the various media used to create works of art.

ART 224. Digital Photography, 6 studio hours, 3 hours credit, studio fee, Fall

Investigation and practical application of digital capture, storage, digital manipulation, and output of digital photography. **Prerequisite:** ART 104. *\$150 fee.*

ART 229. Printmaking, 6 studio hours, 3 hours credit, studio fee, Offered periodically

This course will explore a variety of processes in printmaking from traditional relief and intaglio printing to basic screen printing, experimental monotype approaches, and an introduction to historical typography using the letterpress. *\$150 fee.*

ART 233. Graphic Design I, 6 studio hours, 3 hours credit, Spring

Basic design principles are applied to projects exploring resources, conceptual principles, and procedures underlying the practice of graphic design, in particular, the process of problem solving. An emphasis is placed on typography as a medium and message of design. **Prerequisite:** ART 113. *\$150 fee.*

ART 234. History of Photography, 3 hours credit, Fall odd years

Study of the historical development of photography and noteworthy photographers.

ART 243. Graphic Design II, 6 studio hours, 3 hours credit, Fall

The development of layout concepts emphasizing the integration of typography and visual imagery. Students develop more sophisticated abilities through problem-solving activities geared to increasing graphic design awareness and skills, as well as a general understanding of production through computer enhanced design and the designer-client roles and responsibilities. **Prerequisite:** ART 233. *\$150 fee.*

ART 264. Studio Photography, 6 studio hours, 3 hours credit, studio fee, Spring odd years

Introduction to digital studio photography, including the fundamentals of studio lighting. Emphasis is placed on gaining technical skills, mastering necessary techniques and using studio lighting to obtain the desired aesthetic effect. **Prerequisite:** ART 224. *\$150 fee.*

ART 284. Fine Art Photography, 6 studio hours, 3 hours credit, studio fee, Spring even years

Investigation and development of individualized photographic image-making for the fine art arena, with emphasis on professional quality work. **Prerequisite:** ART 204. *\$50 fee.*

ART 300. Teaching Assistantship, 1-3 hours, Fall, Spring

An opportunity for the student to gain teaching-related, Art Department-related, and/or professional art-related experience while working for college credit. Each student is assigned to help one or more of the professors in the Art Department. For each credit hour earned, the student will work two clock hours per week during the semester. Credit variable 1-3 hours. Course is repeatable. **Prerequisite:** Instructor's consent.

ART 302. Painting I, 6 studio hours, 3 hours credit, studio fee, Fall, Spring

Introduction to painting materials and techniques related to watercolor, oil and/or acrylics through studio problems and reading assignments. *\$175 fee.*

ART 305. Drawing III, 6 studio hours, 3 hours credit, Spring

Advanced problems in drawing the human form with an emphasis on composition, exploration of drawing media and drawing as an end product of visual expression. **Prerequisites:** ART 105 and 205.

ART 308. Art Methods for Elementary Teachers, 3 hours, materials fee, Fall

Designed to help prepare students to be effective teachers of art at the elementary and middle school levels. Focus will be on effective lesson planning, experience with media appropriate for the age group, development of a teaching file, and examination of the stages of artistic development (with appropriate art lessons and teaching strategies for each age group). Practicum required for art majors. *\$75 fee.*

ART 313. History of Graphic Design, 3 hours, Fall odd years

A survey of the historical development of graphic design from first attempts at communication through cave painting and invention of writing to current design trends in print, web, and motion graphics.

ART 316. Art History Survey I, 3 hours, Fall

A survey covering the history of Western visual art from prehistoric times to the Gothic period.

ART 317. Art History Survey II, 3 hours, Spring

A survey covering the history of Western visual art from the Renaissance period to the present.

ART 323. Web and Interactive Design, 6 studio hours, 3 hours credit, studio fee, Fall even years

This is a course in web page and interactive design, including how to build a basic site and digital portfolio. An emphasis will be placed on the balance between technical skill and aesthetics. Topics covered include understanding and navigating a CMS system, page layout, digital imaging,

color, typography for web-based use, integrated content, appropriate file types, portability, and user performance. **Prerequisites:** Art 113 and 233. *\$50 fee, additional web hosting fees may apply.*

ART 324SL. Color Photography, 6 studio hours, 3 hours credit, studio fee, Fall even years

Explorations of color photography, including digital image capture and printing, and traditional film and chemical color darkroom printing materials and methods. **Prerequisites:** ART 204 and 224. *\$175 fee.* This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

ART 343SL. Graphic Design III, 6 studio hours, 3 hours credit, Fall odd years

Continuation of essential graphic design skills through conceptualization and evolution of complex projects in which the designer must determine how to communicate visually with a specific audience. Projects will focus on socially responsible design and how graphic designers can play a key role in the betterment of society. **Prerequisite:** ART 243. *\$150 fee.* This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

ART 365. Internship in Visual Arts, 3-6 hours, Offered as needed

An internship with an established art, graphic design, or photography professional firm. Requires the recommendation of the Art Department Chair. Credit hours determined by work hours arranged with the firm.

ART 402. Painting II, 6 studio hours, 3 hours credit, studio fee, Fall, Spring

Continuation of ART 302 aimed at individual skill development in terms of expressive ability and quality of work. **Prerequisite:** ART 302. *\$175 fee.*

ART 408. Art Methods for Secondary Teachers, 3 hours, materials fee, Fall

Designed to help prepare students to be effective teachers of art at the high school level. Includes experience observing and teaching in a high school art classroom, experience working with media commonly used at the high school level, examination of methods appropriate for the various levels of art instruction, and effective curriculum planning. Practicum required. **Prerequisite:** Admission to the Teacher Education Program. *\$75 fee.*

ART 411. Senior Seminar, 3 hours, materials fee, Fall

Seminar style investigation of topics relevant to post-graduate experiences for emerging professional artists and photographers. Includes discussion of exhibition, employment, and graduate school opportunities, and the creation of a professional portfolio of the student's work. For art majors and photography majors, to be taken in the senior year. *\$100 fee.*

ART 414. Alternative Photographic Processes, 6 studio hours, 3 hours credit, studio fee, Spring even years

Exploration of non-traditional applications and presentation methods of silver-based and digital photographic processes, as well as of non-silver wet darkroom photographic methods and processes. **Prerequisite:** ART 204. *\$100 fee.*

ART 417. Modern and Contemporary Art, 3 hours, Fall even years

A study of significant Western visual art and architecture produced in the modern, postmodern, and contemporary periods.

ART 418. Non-Western Art, 3 hours, Spring odd years

An overview of the culture and art of several non-western civilizations throughout the ages.

ART 434. Photojournalism, 6 studio hours, 3 hours credit, studio fee, Spring odd years

Exploration of the professional practice and the actual production of journalistic photographs and documentary photographs, emphasizing professional quality work. **Prerequisite:** ART 204. *\$150 fee.*

ART 440. Advanced Photographic Methods, 6 studio hours, 3 hours credit, Fall

Advanced skill development of photographic image-making, emphasizing individual projects, individual style and thematic exploration, and professional quality of work. Course may be repeated only once for additional credit. **Prerequisites:** ART 103 and 204. *\$50 fee.*

ART 444. Commercial Photography, 6 studio hours, 3 hours credit, studio fee, Spring even years

A concentration on the production of commercial, advertising, industrial, and/or fashion photographs, with an emphasis on professional quality work. **Prerequisite:** ART 204. *\$50 fee.*

ART 450. Advanced Artmaking Methods, 6 studio hours, 3 hours credit, Fall, Spring

Advanced individualized exploration of problem-solving and skill development of previously studied visual artmaking media and methods. Course may be repeated only once for additional credit. **Prerequisites:** ART 103 and 205.

ART 453. Graphic Design IV, 6 studio hours, 3 hours credit, Spring even years

Each student will develop an independent semester long project of his/her choice. Students must form a visual concept for the project and generate final printed materials that will be presented during a final critique. A written project brief and description, along with a timeline outlining points of completion within the project, and a process book are all supporting requirements. **Prerequisite:** ART 343SL. *\$150 fee.*

Biology (BIOL)

BIOL 101. Human Biology, 3 hours, Fall, Summer periodically

Introduction to the structure and function of the human body with emphasis on human health and welfare. Cannot be applied toward the major without departmental approval. Three lectures and one two-hour lab a week. *\$20 fee.*

BIOL 102. Environmental Science, 3 hours, Spring, Summer periodically

Exploration of the workings of nature and man's impact on it; environmental problems and possible solutions. Cannot be applied toward the major without departmental approval. Three lectures and one two-hour lab a week. *\$20 fee.*

BIOL 105. General Biology I, 4 hours, Fall

An introduction to the Biological Sciences for the science/health professions major. Topics include ecological principles, animal behavior, evolution, genetics, chemistry as it applies to living systems, cell and function, energy transductions, mitosis, and molecular genetics. Three lectures and one two-hour lab a week. *\$20 fee.*

BIOL 106. General Biology II, 4 hours, Spring

An introduction to the Biological Sciences for the science/health professions major. Topics include systematics, taxonomy and classification, basic microbiology, anatomy and physiology of plants and animals (with emphasis on human systems), meiosis and reproduction in plants and animals, development. Continuation of BIOL 105. Three lectures and one two-hour lab a week. *\$20 fee.*

BIOL 207. Human Anatomy and Physiology I, 4 hours, Fall, Summer periodically

Structure and functions of the major organ systems of the human body. Chemical basis of life, cells, cellular metabolism, tissues, integumentary, skeletal, muscular and nervous systems. Three lectures and one two-hour lab a week. *\$20 fee.*

BIOL 208. Human Anatomy and Physiology II, 4 hours, Spring, Summer periodically

Structure and functions of the endocrine, digestive, respiratory, circulatory, lymphatic, urinary and reproductive systems. Continuation of BIOL 207. Three lectures and one two-hour lab a week. **Recommended prerequisite: BIOL 207.** *\$20 fee.*

BIOL 300. Teaching Assistantship, 1-3 hours

Assist in lab preparation, lab instruction, lab report grading, and review/tutoring sessions. Must have junior status.

BIOL 301. Botany, 4 hours, Fall

Plant anatomy and physiology including cells, tissues, development in vegetative and reproductive structures, plant biochemistry and metabolism, hormonal regulation of development. Survey of kingdoms Plantae, Protista (except Protozoa), Fungi, Bacteria, and Archaea. Three lectures and one two-hour lab a week. **Prerequisites: BIOL 105 and 106.** *\$20 fee.*

BIOL 302. Zoology, 4 hours, Spring

A detailed comparative study of the major invertebrate and vertebrate animal groups including protozoa, sponges, radiate animals, acoelomates, pseudocoelomates, mollusks, annelids, arthropods, echinoderms, the fishes, amphibians, reptiles, birds and mammals. Morphology, physiological adaptations, evolution and ecology are stressed in association with all animal groups. Three lectures and one three-hour lab a week. **Prerequisites: BIOL 105 and 106.** *\$20 fee.*

BIOL 303. Soils and Geologic Science, 3 hours, Spring

Earth space relationship, global features, mineral and soil classification, as well as study of the interaction between humans and the geologic processes that shape the Earth's environment. Three class periods and one two-hour lab a week. **Prerequisite: Sophomore level standing or instructor's consent.** *\$20 fee.*

BIOL 304. Field Botany, 3 hours, Once every 3-4 years

Field experience and taxonomy of select plant groups including mosses, fungi, lichens, ferns, aquatic vascular plants, woody plants, and wildflowers. Two lectures and one field trip or lab a week. *Overnight camping trip required.*

BIOL 305. Medical Terminology I, 2 hours, Fall, Mayterm periodically

Introduction to medical terminology through the study of prefixes, suffixes and root words of commonly used medical terms. Terminology of clinical procedures, laboratory tests, and pathologies presented as well. Course is taught in an independent study format.

BIOL 306. Medical Terminology II, 2 hours, Spring, Mayterm periodically

Continuation of medical terminology through the study of prefixes, suffixes and root words of commonly used medical terms. Terminology of clinical procedures, laboratory tests, and pathologies presented as well. Course is taught in an independent study format. **Prerequisite: BIOL 305.**

BIOL 314. Genetics, 4 hours, Spring

Principles of gene transmission and expression, with an emphasis on human health and welfare. Three lectures and one three-hour lab a week. **Prerequisites: BIOL 105 and 106 or instructor's consent.** *\$20 fee.*

BIOL 315SL. Ecology, 4 hours, Fall

Principles governing interactions between organisms and their environment. Three lectures and one three-hour lab or field trip a week. **Prerequisites:** **BIOL 105 and 106 or instructor's consent.** *\$20 fee.* This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

BIOL 316. Microbiology, 4 hours, Fall, Spring

Classical bacteriology, virology, microbial genetics, bacterial metabolism, immunology and the various applications of microbiological knowledge. Three lectures and one two-hour lab a week. **Prerequisites:** **BIOL 105 and 106, or Biology 207 and 208, or instructor's consent.** *\$20 fee.*

BIOL 317SL. Natural History, 4 hours, Spring

A survey of the adaptation of living organisms to their environment over time, as evidenced by the fossil record and comparisons among living species, and an indepth review of the possible mechanisms involved. Three lectures and one two-hour lab/discussion per week. **Prerequisites:** **BIOL 105 and 106.** *\$20 fee.* This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

BIOL 319SL. Animal Behavior, 4 hours, Fall

An introduction to the principles of animal behavior that considers the influences of genetics, ecology, physiology, and evolutionary history on behavior. Topics include communication, reproductive strategies, social interactions, foraging, defense, migration, habitat selection, and learning. Three lectures and one three-hour lab per week. **Prerequisites:** **BIOL 105 and 106, or instructor's consent.** *\$20 fee.* This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

BIOL 320. Molecular Cell Biology, 4 hours, Fall

Study of the major cellular components with particular attention to the relationship between functions and the organization of the cell. Topics include cell architecture, macromolecules, metabolism, energy transductions, cellular control mechanisms and molecular genetics. Three lectures and one three-hour lab a week. **Prerequisites:** **BIOL 105 and 106, CHEM 104 or instructor's consent.** *\$20 fee.*

BIOL 350. Field Ecology, 4 hours, Spring

This course includes a field experience that introduces students to biological ecosystems found outside of East Tennessee. Guided hikes will expose students to a diversity of organisms (from plants to mammals) found within various ecosystems. The complex relationships between these organisms and their communities will be investigated.

BIOL 380. Zoology for non-science majors, 3 hours, Mayterm

Exploration of the animal kingdom, adaptations, and the significance of animal groups to mankind. Includes readings, field trips, lab work, creative writing, and a group project.

BIOL 381. Pharmacology, 3 hours, Mayterm periodically, Summer periodically

Introduction to basic pharmacological principles including molecular pharmacology, pharmacokinetics, toxicology, chemotherapeutics and systemic drug survey.

BIOL 382. Cancer Biology, 3 hours, Mayterm periodically/Summer periodically

Etiology, diagnosis and treatment of cancer in humans. Course will also include field trips to regional cancer centers.

BIOL 383. Biology Externship, 3 hours, Mayterm/Summer

An externship course allowing the Biology major to gain field, laboratory, or work experience in a desired area. Opportunities may include, but not limited to, externships at the Zoo, National and State Parks, laboratories in both academic and industrial settings. **Prerequisite:** **instructor's consent.**

BIOL 400. Teaching Assistantship, 1-3 hours

Assist in lab preparation, lab instruction, lab report grading, and review/tutoring sessions. Must have senior status.

BIOL 402SL. Gross Anatomy, 5 hours, Spring

Detailed gross and microscopic anatomy of the human. Three lectures and one four-hour lab a week. **Prerequisites:** **BIOL 105 and 106 and instructor's consent.** *\$20 fee.* This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

BIOL 403. Physiology of Exercise, 4 hours, Spring

Physiological foundations for acute responses and chronic adaptations to exercise. Three lectures and one two-hour lab a week. **Prerequisite:** **BIOL 207; BIOL 208 recommended.** *\$20 fee.*

BIOL 404. Mammalian Physiology, 5 hours, Fall

Applied analysis of the functioning of mammals, with focus on the human, involving a systems approach. Three lectures and one four-hour lab a week. **Prerequisites:** **BIOL 105 and 106, CHEM 104.** *\$20 fee.*

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BIOL 405. Environmental Assessment, 4 hours, Spring odd years

A lecture-discussion course on the nature of and generation of environmental assessment statements and environmental impact statements. Topics also include soils, hydrology, and other issues pertinent to environmental studies. **Prerequisites: Junior or Senior in the Environmental Studies track and BIOL 315SL, or instructor's consent. \$20 fee.**

BIOL 406. Field Biology, 3 hours, Once every 3-4 years

Field experience and study of plant and animal life in selected habitats, including geographical distribution, climatic and soil relationships, methods and use of instruments necessary for a critical study of plant and animal communities. Two lectures and one three-hour field trip or lab a week.

BIOL 407. Kinesiology, 4 hours, Fall

Basic anatomical, mechanical and neuro-muscular concepts applied to human motion. Three lectures and one two-hour lab a week. **Prerequisite: BIOL 207. \$20 fee.**

BIOL 408. Immunology, 4 hours, Fall

Basic aspects of specific and non-specific defense mechanisms. Humoral and cellular mechanisms as well as the synthesis, structure and action of antibodies and lymphokines, cytotoxic reactions and regulatory mechanisms. Three lectures and one four-hour lab a week. **Prerequisites: BIOL 105 and 106 or instructor's consent. \$20 fee.**

BIOL 410. Directed Readings in Biology, 1 hour, Fall

Biological and scientific investigation. Selected readings, both classical and current; methods, access and use of scientific literature. Planning and conduct of library research and report writing. **Prerequisite: At least 4 BIOL courses or junior/senior standing.**

BIOL 411SL. Senior Seminar, 1 hour, Spring

Discussion of current and controversial topics in biology with an emphasis on advances in biological research. Each student will present a formal seminar on an approved topic. **Prerequisite: BIOL 410.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

BIOL 475. Introduction to Bioinformatics, 2 hours, Fall

New area of science in which biology, chemistry, computer science, and mathematics are combined to decipher information encoded with the DNA and protein of each living organism. An introductory course in the use of computers to evaluate large biological data sets. Will be presented in webCT as an interactive online course.

BIOL 491. Directed Projects in Biology, 1-4 hours

May consist of field, laboratory or library research on any topic of mutual interest to the student and instructor. Research may spread over one or more semesters and culminates in written reports on results and conclusions. **Prerequisite: instructor's consent.**

Business Administration (BAD)

BAD 201. Business and Professional Communication, 3 hours, Fall, Spring

Designed to assist students in solving business problems through effective expression of ideas and information—writing, speaking, and listening. Covers the principles and methods of written and oral communication in a high technology environment and includes intercultural, legal, and ethical aspects of communication. **Prerequisites: ENG 101. Corequisite: Business Foundation Core.** Same as WRIT 201.

BAD 205. Introduction to Business Analytics, 3 hours, Fall, Spring

This course introduces students to fundamental statistical analysis and inference concepts with a focus on business analytics and managerial decision making. These concepts are taught in an empirical fashion using cases and models in Microsoft Excel. Topics covered include data virtualization, descriptive statistics, data cleaning and mining, predictive modeling and forecasting, decision analysis and optimization.

BAD 215. Business Information Tools, 3 hours, Fall, Spring

Students use advanced features and capabilities of word processing, spreadsheet, and basic database software to analyze and resolve business problems and business information management and dissemination issues. **Corequisite: Business Foundation Core. \$140 fee.**

BAD 301. Legal and Ethical Environment of Business, 3 hours, Fall, Spring

U.S. legal system coupled with consideration of ethical issues confronting the business professional. Topics covered include torts, contracts, agency, employment law, intellectual property rights, consumer protection, and other business concerns. **Prerequisite: Business Foundation Core.**

BAD 302. Law of Business Organizations and Commercial Transactions, 3 hours, Spring

Introduction to legal implications of basic business transactions including securities law, business associations—corporations, bankruptcy, insurance, commercial sales, commercial paper, secured transactions, bulk transfers, documents of title and legal responsibilities of accountants **Prerequisites: junior standing, BAD 301.**

BAD 401. International Business, 3 hours, Offered periodically

A study of the various facets of international business operations: ownership, management, marketing, production, accounting and finance, legal, and growth. Also includes economic and political issues affecting international business. **Prerequisite: Business Foundation Core.**

BAD 463. International Business Experience, 3 hours, Summer

An immersion experience in or closely related to the international economy, international business, international political or cultural relations, or international missions. **Prerequisites: Business Foundation Core, instructor's consent, senior standing.**

BAD 465. Business Administration Internship, 1-6 hours, Offered periodically

Practical experience gained through an internship in the private or public sector. Proposal must be submitted and approved by supervising instructor. **Prerequisites: Business Foundation Core, instructor's consent.**

Chemistry (CHEM)

CHEM 100. Chemistry in Society, 3 hours, Spring

Fundamentals of chemistry for non-science majors. Study and use of the scientific method as a thought process and the role of chemistry in society. Two lectures and one two-hour lab a week. **\$30 fee.**

CHEM 101. Introductory Chemistry, 4 hours, Fall, Spring

An introduction to basic chemical principles for students majoring in nursing, family and consumer sciences, and exercise science. Also serves as a preparatory course for CHEM 103. Three lectures and one three-hour lab a week. **\$30 fee.**

CHEM 103. General Chemistry I, 4 hours, Fall, Spring

Atomic structure, bonding and molecular structure, solids, liquids, gases; thermochemistry. For students majoring in natural sciences. Previous exposure to chemistry is very helpful but not required. A good working knowledge of algebra is expected. Three lectures and one three-hour lab a week. **\$30 fee.**

CHEM 104. General Chemistry II, 4 hours, Spring

Solutions, kinetics, equilibrium, thermodynamics, and electrochemistry. Also includes discussion of typical properties of the representative elements and first transition elements and their compounds. CHEM 104 is a prerequisite for all chemistry courses with higher numbers. Three lectures and one three-hour lab a week. **Prerequisite: CHEM 103. \$30 fee.**

CHEM 201. Excel for Scientists, 2 hours, Fall

Advanced Excel topics (i.e. statistical analysis tools, least squares, calibration methods, solving equations, 2-D and 3-D graphs, data smoothing, Fourier transform, and macros) with relation to chemical systems. Some prior knowledge of Excel is expected. **Prerequisites: CHEM 103 and 104, or instructor's consent.**

CHEM 300. Teaching Assistant, 1-2 hours, Fall, Spring

Assist faculty during lab with materials, safety, and individual instruction. Academic credit may be received for either one or two hours, but only one hour of credit may be counted toward a chemistry major. Two hours of credit may be obtained in one semester or in different semesters. Students who are serving as TA's in order to receive AP credit for Chemistry 103 and 104 may not receive credit. **Prerequisites: Instructor's consent.**

CHEM 301. Organic Chemistry I, 4 hours, Fall

An extensive study of aliphatic hydrocarbons, stereochemistry, substitution reactions and spectroscopy. Three hours lecture and one three-hour lab a week. **Prerequisite: CHEM 104. \$30 fee.**

CHEM 302. Organic Chemistry II, 4 hours, Spring

An extensive study of aromatics, aldehydes, ketones, carboxylic acids and their derivatives and amines; introduction to biochemical molecules. Three hours lecture and one three-hour lab a week. **Prerequisite: CHEM 301. \$30 fee.**

CHEM 305SL. Quantitative Analysis, 4 hours, Fall odd years

Volumetric, gravimetric and instrumental methods of analysis. Two lectures and two three-hour labs a week. **Prerequisite: CHEM 104. Prerequisite or corequisite: CHEM 201. \$30 fee.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

CHEM 306. Instrumental Methods of Analysis, 4 hours, Spring even years

Absorption spectroscopy (UV, visible, atomic and IR), potentiometry, polarography, conductimetry and chromatography. Two lectures and two three-hour labs a week. **Prerequisite: CHEM 305SL or instructor's consent. \$30 fee.**

CHEM 307. Chemical Industry Externship, 3 hours, Mayterm or Summer

Work/training experience for exploration of a career in chemistry. Work site(s) (such as industrial, corporate, government) must be approved by instructor prior to registration. Students wishing to take the course must notify the instructor before spring break in order to have time to make the arrangements. **Prerequisite: instructor's consent. \$30 fee.**

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CHEM 308. Hospital Externship, 3 hours, Mayterm and Summer

Externships are available in medically related areas in order to increase exposure to a field of study and help with career choices. Can be taken a maximum of two times provided the experiences are in two different professional areas. Can be listed as Biology credit. Students must apply through the chair of Health Professions before April 1. This course is intended for health professions students. *\$30 fee.*

CHEM 310. Survey of Biochemistry, 3 hours, Spring

Introductory course in biochemistry dealing with the chemistry and biochemistry of proteins, lipids, carbohydrates, nucleic acids, other biomolecules, and includes an overview of metabolism. **Prerequisites:** CHEM 103, CHEM 104, and CHEM 301.

CHEM 311. Biochemistry I, 3 hours, Fall

Organization of living systems at the molecular level and the thermodynamic principles allowing for the flow of energy through living systems will be introduced. The important classes of biomolecules, such as proteins, carbohydrates, lipids, and nucleotides will be studied. The structure and function of cell membranes and membrane transport is also covered. **Prerequisites:** BIOL 105 and CHEM 302.

CHEM 311L. Biochemistry I Laboratory, 1 hour, Fall

Techniques having broad application across the biological sciences will be covered, including buffers, spectroscopy, chromatography, and enzyme purification. The proper use of a laboratory notebook will be essential. One three-hour laboratory a week. **Prerequisites:** BIOL 105 and CHEM 302. **Corequisite:** CHEM 311. *\$30 fee.*

CHEM 312. Biochemistry II, 3 hours, Spring

Enzyme mechanisms, kinetics, and regulation will be introduced. Carbohydrate metabolism and regulation will be covered in addition to lipid metabolism. **Prerequisite:** CHEM 311.

CHEM 312L. Biochemistry I Laboratory, 1 hour, Spring

Independence in the laboratory is stressed as projects involving chromatography, enzyme kinetics, and electrophoresis are pursued. One three-hour laboratory a week. **Prerequisites:** CHEM 311 and CHEM 311L. **Corequisite:** CHEM 312. *\$30 fee.*

CHEM 401. Thermodynamics, 3 hours, Fall even years

Gas laws, thermodynamics, equilibria and solutions. Three hours lecture a week. **Prerequisites:** CHEM 301, MATH 151, and either PHYS 103/104 or PHYS 201/202. **Corequisite:** CHEM 415. Same as PHYS 304.

CHEM 402. Biophysical Chemistry, 3 hours, Spring odd years

Electrochemistry, atomic and molecular structure, rates and mechanisms of chemical reactions. **Prerequisite:** CHEM 401. **Corequisite:** CHEM 416.

CHEM 403. Statistical and Quantum Mechanics, 3 hours, Offered periodically

Theories of relativity, statistical mechanics and quantum mechanics. **Prerequisite:** PHYS 201 or instructor's consent. Same as PHYS 307.

CHEM 407. Inorganic Chemistry, 3 hours, Spring odd years

Descriptive and theoretical chemistry. Three hours lecture a week. **Prerequisites:** CHEM 103 and 104 (401 recommended).

CHEM 411. Special Topics in Chemistry, 1 hour, Fall

Introduction to the chemical literature, review of common chemical journals, group and individual reviews of journal articles, other selected projects such as resume preparation, and skills of the short interview. One lecture hour a week. **Prerequisites:** CHEM 301 and two years of college chemistry.

CHEM 412. Seminar in Chemistry, 1 hour, Spring

The capstone course for all chemistry degrees. Development of a topic and paper, presentation of a formal seminar, and may include other selected projects. One lecture hour a week. **Prerequisite:** COMM 135 and CHEM 411 or instructor's consent.

CHEM 415. Thermodynamics Laboratory, 1 hour, Fall even years

Gases, thermodynamics and phase equilibria. One three-hour lab a week. **Prerequisite:** Same as CHEM 401. **Corequisite:** CHEM 401. *\$30 fee.*

CHEM 416. Biophysical Chemistry Laboratory, 1 hour, Spring odd years

Ionic equilibria, electrochemistry, kinetics, spectroscopy. One three-hour lab a week. **Prerequisite:** CHEM 401. **Corequisite:** CHEM 402. *\$30 fee.*

CHEM 491. Research Techniques in Biochemistry, 2-4 hours, Fall, Spring

Experience in isolation, analysis and characterization of biologically important compounds. One lecture and 3-9 lab hours a week. **Prerequisite:** instructor's consent. *\$30 fee.*

CHEM 492. Research Techniques in Inorganic or Analytical Chemistry, 2-4 hours, Fall, Spring

Methodology and techniques appropriate to the synthesis, separation and characterization of inorganic compounds. One lecture and 3-9 lab hours a week. **Prerequisite:** instructor's consent. *\$30 fee.*

CHEM 493. Research Techniques in Organic Chemistry, 2-4 hours, Fall, Spring

Procedures and techniques involved in research in organic chemistry. One lecture and 3-9 lab hours a week. **Prerequisite:** instructor's consent. *\$30 fee.*

CHEM 494. Research Techniques in Physical Chemistry, 2-4 hours, Fall, Spring

Procedures and techniques involved in research in physical chemistry. One lecture and 3-9 lab hours a week. **Prerequisite:** instructor's consent. *\$30 fee.*

Child and Family Studies (CFS)

CFS 206. Human Development Through the Lifespan, 3 hours, Fall, Spring

Major milestones of development in each stage from prenatal to late adulthood and death. Physical, cognitive, and psycho-social growth. Same as PSY 206.

CFS 207. Infancy and Early Childhood, 3 hours, Fall

Research on developmental milestones from birth through middle childhood. Emphasis on developmentally appropriate practice with infants and young children. **Prerequisite:** CFS 206.

CFS 301. Family Relationships, 3 hours, Fall, Spring

Family dynamics and roles of family interaction. The influence of family experiences on individual growth, development, and relationship functioning. **Prerequisite:** junior/senior standing.

CFS 304. Parenting, 3 hours, Spring

Parenting as a developmental role throughout the life span. Discipline techniques, strategies and resources. **Prerequisite:** CFS 206 or instructor's consent.

CFS 305. Family Sciences, 3 hours, Spring

Examination of existing theoretical frameworks to provide a context for understanding today's family in the complex social world. **Prerequisite:** CFS 206, 301 or instructor's consent.

CFS 407. Current Topics in Child and Family Studies, 3 hours, Fall

Research and readings on selected issues affecting children and families. **Prerequisites:** CFS 206 or PSY 204, CFS 305, and junior/senior standing. Same as PSY 409.

CFS 414. Programs for Young Children I: Creativity and Expression, 3 hours, Fall

Theoretical and experiential base for designing developmentally appropriate curriculum for young children which promotes self expression and creativity through art, music, dramatic play, manipulative, constructive play, language arts. Practica in CDL. **Prerequisite:** CFS 206 or PSY 204.

CFS 415. Programs for Young Children II: Discovery, 4 hours, Spring

Theoretical and experiential base for designing developmentally appropriate curriculum for young children which promotes discovery and problem solving in mathematics, sciences, social studies. Coursework also explores principles of administration and management, parent involvement, and community resources. Practica in CDL. **Prerequisites:** CFS 206 or PSY 204, CFS 414.

CFS 427. Methods of Teaching Child and Family Studies Practicum, 1 hour, Fall

Observation and practical application of principles, objectives, methods, materials, procedures, and evaluation for teaching family-based and adult family and consumer sciences. **Prerequisite:** FCSE 320 or instructor's consent. **Corequisite:** FCSE 424.

CFS 465. Internship in Child and Family Studies, 3 hours, Fall, Spring, Summer

Supervised experience in a selected setting/program for children and/or families. **Prerequisites:** CFS 206 and 414 and instructor's consent.

Communication (COMM)

COMM 101F, 301F. Forensics Practicum, 1 hour each course, Fall, Spring

Study and participation in debating and various individual speaking events on the intercollegiate level. COMM 101 is repeatable for up to 2 hours credit; COMM 301 may be repeated for up to 6 hours credit. A total of four (4) practica credit hours may be counted toward the major requirements.

COMM 110, 310. Communication Practicum, 1 hour each course, Fall, Spring

This practicum provides students with practical hands-on experience in journalism, advertising, public relations, broadcasting, speech, social media, sports information, human resources, advancement, admissions, or other communication-related professions. Under the guidance of a faculty member, students will participate in projects that will enhance their knowledge and expertise in a specific area of communication. COMM 110 offers introductory experiences in the field and may be taken once. COMM 310 provides more advanced experience in the field and is repeatable up to three times. **Prerequisite:** Instructor's consent.

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COMM 123. Introduction to Media Writing, 3 hours, Fall, Spring

Introductory course to the communication professions with emphasis on developing writing skills for print, electronic and online media, film, advertising, public relations and research in the field. Includes introduction to news gathering techniques, aural-visual production, online content creation, communication research and presentational skills. Three-hour lecture and one-hour lab. **\$35 fee.**

COMM 135. Speech Fundamentals, 3 hours, Fall, Spring

Introduction to public speaking through the study of speeches, speakers and the principles of effective public address. Students plan, organize and deliver various types of speeches.

COMM 201. Strategic Communication Techniques/Skills, 3 hours, Fall, Spring

Planning, writing, editing, designing and producing public relations and advertising content for print, outdoor, broadcast, direct mail, on-line media and social media. This course also contains a research component. **Prerequisite: COMM 123. \$35 fee.**

COMM 208. Introduction to Digital Media, 3 hours, Fall, Spring

An introduction to the use of digital media in the communication process. Applying learned visual and aural principles students will explore the use of computer-based tools in the design and production of media content by creating and editing digital images, sounds, video, text and motion graphics. **Prerequisites: COMM 123 and 201. Same as FILM 208. \$35 fee.**

COMM 209SL. Video Production, 3 hours, Fall

Lecture-laboratory study of the techniques and procedures used in the creation, production and direction of television programming. Emphasis on the function and operation of the primary tools and their application on the production process. Same as FILM 209SL. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

COMM 230. Interpersonal Communication, 3 hours, Fall, Spring, Summer

This course will focus on the need to interact with others by expressing thoughts and feelings through various communication channels. Topics include self-concept, self-disclosure, perception, nonverbal communication, listening, conflict, building relationships, interpersonal communication and the job market.

COMM 250. Media, Religion and Ministry, 3 hours, Offered as needed

Explores the intersection of media and religion with special attention on the changing role of media in the local church. The course includes an investigation of theory and research in the area of media and religion, as well as the creative application of media in religious contexts.

COMM 304. Advanced Production, 3 hours, Spring

Advanced techniques of designing, writing and production of audio, video, film and multimedia presentations. Topics include advanced techniques in videography, editing in a digital environment, script writing, story construction, and performance. **Prerequisites: COMM 123, 208, and 209SL. Same as FILM 304.**

COMM 305. Digital Storytelling, 3 hours, Spring

A laboratory experience in researching, designing and producing content in an environment of converging communication forms. Using the resources of the Center for Digital Storytelling students will create multimedia content for various audiences. Each semester the course will focus on a different arena of production (news website, multimedia presentation for a non-profit, a digital filmmaking competition via the internet, etc.). Repeatable for up to 6 hours. **Prerequisites: COMM 123, 201, 208, and "pass without reservations" on digital portfolio. Same as FILM 305.**

COMM 322. Mass Media, 3 hours, Spring

Overview of the development and social impact of mass media, including newspapers, magazines, advertising, public relations, books, photography, film, the broadcast/cable industry (structure, station, and network operation), and the FCC and other regulatory agencies. **Prerequisites: COMM 123, 201SL, and 208.**

COMM 323. Public Relations, 3 hours, Fall

Overview of public relations with attention given to theories and principles, examination of case problems, preparation of materials, planning campaigns and executing public relations projects. **Prerequisites: COMM 123 and 201SL.**

COMM 324. Writing for Targeted Audiences, 3 hours, Fall

Principles of writing freelance magazine articles (for niche and mainstream publications), with an emphasis on feature writing. Students move articles from inception through the revision process to querying with targeted publications. **Prerequisites: COMM 123 and 201SL.**

COMM 325. News Writing and Reporting, 3 hours, Spring

Intensive training in the core journalism skills: news judgment, researching, writing, reporting and presentation. Students will learn to develop story ideas, research and gather information, combine visual, verbal and written messages, and to write and edit news for various media audiences. **Prerequisites: COMM 123 or instructor's consent.**

COMM 327. Media in a Changing World, 3 hours, Fall even years

Analysis of mass media business policies and practices of media organizations in a changing political, economic, regulatory and technological environment. Includes analysis of the historical and structural contexts and implications of new media technologies. Same as FILM 327.

COMM 337. Oral Interpretation of Literature, 3 hours, Fall

Development of mental, emotional and physical responsiveness to prose, poetry, and drama through the student's performance of literature.

Prerequisite: COMM 135 for Communication Studies majors; TH 110 for Theatre majors.

COMM 340. Special Topics in Speech Communication, 1-3 hours, Offered as needed

Lecture-laboratory focus on a single speech-related topic. Subject matter may change each semester and this course may be repeated for different topics/titles to a maximum 3 hours.

COMM 404. Communication Law and Ethics, 3 hours, Spring even years

A study of the legal foundations for freedom of speech and press. Students will explore forms of communication that have constitutional protection and those with limitations including libel, invasion of privacy, access to information, copyright and the special restrictions on broadcasting and advertising. The study includes an examination of the moral reasoning process and the application of ethical responsibilities in communication contexts. **Prerequisites:** COMM 123.

COMM 407. Special Topics in Mass Communication, 1-3 hours, Offered as needed

Lecture-laboratory focus on a single mass media related topic. Subject matter will change each semester and this course may be repeated for different topics/titles.

COMM 421. Advertising, 3 hours, Offered as needed

Survey of American advertising. Students explore advertising principles and theories as they relate to media, markets and audiences. Students study advertising campaigns, do copy writing and layout. **Prerequisite:** COMM 123.

COMM 424. Persuasion, 3 hours, Fall even years

Analysis of the principles and techniques used in all forms of mediated persuasive communication. The course is oriented toward both the persuader and the techniques used to persuade consumers. **Prerequisite:** COMM 135.

COMM 425. Organizational Communication, 3 hours, Offered as needed

Analysis of communication behavior in complex organizations. Areas covered include communication auditing, interviewing, decision making, communication networks and problem solving.

COMM 429SL. Nonprofit Campaigns, 3 hours, Spring even years

An investigation of the communication campaigns of philanthropic organizations. Students will learn about defining a nonprofit organization's mission, identity, and story and crafting its communication campaigns, including writing press releases, creating public service announcements, grant writing and fundraising, and assessing the effectiveness of a charitable organization's messages. **Prerequisites:** COMM 123, 201SL, and 208. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

COMM 433. Small Group Communication, 3 hours, Spring odd years

Basic theory and techniques of oral interaction for leaders and participants in small group settings. **Prerequisite:** COMM 135.

COMM 435. Speech Methods for Secondary Teachers, 1 hour, Offered as needed

Study of the problems, methods and materials in the teaching of speech on a secondary level. Courses of study, textbooks and teaching strategies.

Prerequisites: COMM 135 and 337.

COMM 436. Advanced Public Speaking, 3 hours, Fall

This course builds on the foundation laid in the Speech Fundamentals (COMM 135) courses. Instruction focuses on speaking styles, including impromptu, extemporaneous, manuscript, and memorized speaking. **Prerequisite:** COMM 135.

COMM 457. Senior Seminar: Communication Studies Theory and Research, 3 hours, Fall

Designed to synthesize the graduating student's coursework in communication studies with emphasis on the application of theory and research. The student will design a research project, implement an initial study and present the results. The student also will be prepared for post-graduation professional expectations. **Prerequisite:** COMM 123, 209SL, 322 and "pass" on digital portfolio.

COMM 465A. Communication Studies Internship (Advertising/PR), 1-6 hours, Fall, Spring, Summer

Supervised practical experience with professional media organizations. Must be approved by a supervising faculty member. Guidelines may be obtained from the Communication Department. A total of 6 hours of internship credit may be earned within the department. Internship credit may be taken in increments or 6 hours all at once. **Prerequisites:** COMM 123, 201SL, 208, and "pass without reservations" on digital portfolio.

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COMM 465B. Communication Studies Internship (Media Studies), 1-6 hours, Fall, Spring, Summer

Supervised practical experience with professional media organizations. Must be approved by a supervising faculty member. Guidelines may be obtained from the Communication Department. A total of 6 hours of internship credit may be earned within the department. Internship credit may be taken in increments or 6 hours all at once. **Prerequisites:** COMM 123, 201SL, 208, and “pass without reservations” on digital portfolio.

COMM 465C. Communication Studies Internship (Speech), 1-6 hours

Supervised practical experience with professionals involved in a speaking career; must be approved by a supervising faculty member. Guidelines may be obtained from the Communication Department. Internship credit may be taken in increments or 6 hours all at once. **Prerequisites:** Listed in guidelines. A total of 6 hours of internship credit may be earned within the department. Internship credit may be taken in increments or 6 hours all at once. **Prerequisites:** COMM 123, 201SL, 208, and “pass without reservations” on digital portfolio.

Computer Science (CSC)

CSC 107. Computer Programming I, 3 hours, Fall

An introduction to fundamental aspects of the field of computing, focusing on problem-solving and software design concepts and their realization as computer programs.

CSC 207. Computer Programming II, 3 hours, Spring

Further topics in computer programming focusing on object-oriented design, including objects, classes, class libraries and elementary data structures. **Prerequisite:** CSC 107.

CSC 210. Introduction to Computer Hardware and Networking, 3 hours, Spring even years

An introduction to basic computer architecture and networking concepts, legal and ethical issues in computer science, and computer security. **Prerequisite:** CSC 107.

CSC 303. Computer Organization and Architecture, 3 hours, Fall even years

Principles of computer architecture, data representation, machine language execution cycle, addressing modes, symbolic assembly language, interfacing, communication, fundamentals of an operating system. **Prerequisite:** CSC 207.

CSC 307. Data Structures, 3 hours, Fall odd years

Abstract data types, recursion, basic data structures (queues, stacks, trees, and graphs) and transformations (sorting and searching). **Prerequisite:** CSC 207.

CSC 308. Algorithms, 3 hours, Spring even years

Algorithm design techniques, greedy algorithms, divide-and-conquer approaches, dynamic programming, data representation, heuristic search, program complexity, and algorithm verification. **Prerequisites:** CSC 207 and MATH 207.

CSC 310. Networking, 3 hours, Spring odd years

Introduction to data communications and networking. Basic network principles, hardware and software standards, network types and structures, security, and physical implementation will be introduced. **Prerequisite:** CSC 207.

CSC 312. Database Management, 3 hours, Fall odd years

Introduction to databases and their design, function management and application. This includes data modeling approaches including entity-relationship and semantic object models. A variety of database access and management systems will be explored. **Prerequisite:** CSC 207.

CSC 320. Systems Programming, 3 hours, Fall even years

Introduction to C and its use in system programming. Memory and process layout, system calls, buffering, file systems, virtual memory, threading, and inter-process communication. **Prerequisite:** CSC 207.

CSC 325SL. Principles of STEM Communication, 2 hours, Fall

Develop communication skills in the STEM disciplines and become familiar with tools used to help communicate STEM concepts. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service. Same as MATH 325SL and PHYS 325SL.

CSC 370. Special Topics, 3 hours, Spring odd years

An exploration of a current topic in computing. May be repeated if taken with different topics. **Prerequisites:** CSC 207 or instructor’s consent.

CSC 405. Theory of Computation, 3 hours, Offered periodically

Formal models of computation such as finite state automata, pushdown automata, and Turing machines, along with corresponding elements of formal languages, regular expressions, context-free languages, and recursively enumerable languages. **Prerequisites:** CSC 207 and MATH 207.

CSC 406. Principles of Programming Languages, 3 hours, Fall even years

The theory of programming languages, data types, data control, sequence control, run-time storage, language translations, semantics. Language models will include procedural, function, logic, and object-oriented programming. **Prerequisite:** CSC 207.

CSC 407. Operating Systems, 3 hours, Spring odd years

Advanced computer architecture, technological choices, and the operating system interface with the hardware, the application, and the system user. Process synchronization, memory management, devices, files and performance evaluation. **Prerequisite:** CSC 303.

CSC 451. Senior Capstone, 3 hours, Spring

A reflection upon the fundamental ideas of computer science and their connections. This is the capstone course in computer science. **Prerequisite:** At least 33 hours in the major.

Consumer Services (CS)

CS 135. Personal and Family Management, 3 hours, Fall, Spring

Balancing work and family issues across the life cycle through goal-setting, resource management, decision making, and planning and execution skills that are transferable from personal to public life.

CS 333. Public Policy and the Family, 3 hours, Spring even years

Clarifying perspectives, becoming informed about issues impacting consumers and families, and learning strategies for influencing policy to enhance quality of life. **Prerequisite:** 3 hours social science elective.

CS 338. Personal and Family Finance, 3 hours, Fall odd years

Financial management for individuals and families; budgeting, credit, insurance, taxes, savings, debt repayment, investing, and retirement.

CS 339. Financial Counseling, 3 hours, Offered periodically

Examination of the components of financial counseling including counseling skills, credit legislation, debt reduction methods, collection policies and practices, bankruptcy, and government assistance programs. **Prerequisite:** CS 338.

CS 432. Cooperative Management and Housing, 4 hours, Spring

An integrative, cooperative team experience emphasizing communication, relationship strategies, problem solving, leadership and management skills as applied to creating sustainable housing and capacity building via entrepreneurship related to housing. Second semester junior/senior standing. Laboratory. **Prerequisites:** CS 135, FN 210 or 214 and 310, and instructor's consent. *\$150 fee.*

CS 467. Internship in Consumer Services, 3 hours, Fall, Spring, Summer

Supervised experience in consumer services related business or agency. **Prerequisites:** CS 135, CS 338, INTD 101, FMD 442, and instructor's consent.

Driver Education (DRED)

DRED 301. Basic Driver and Traffic Safety Education, 3 hours, Summer

Methods and materials of driver education. **Prerequisites:** Must be in teacher licensure program and have instructor approval.

DRED 401. Advanced Driver and Traffic Safety Education, 4 hours, Summer

Analysis of driving patterns with emphasis on safe vehicular use. Roadway experience is included. **Prerequisites:** DRED 301 and instructor's consent.

Economics (ECON)

ECON 204. Economic Concepts, 3 hours, Offered periodically

Basic course for majors outside the business department. Covers the study of market principles, national income, role of government, allocation of resources and distribution of income. *Business majors may not enroll in this course.*

ECON 210. Principles of Microeconomics, 3 hours, Fall, Spring

The study of markets, externalities, government intervention, taxation, and individual markets such as agriculture, health care and labor.

ECON 220. Principles of Macroeconomics, 3 hours, Fall, Spring

National income and its fluctuations, economic role of government, role of commercial banks and the Federal Reserve System, monetary economics, and an introduction to international economics. **Prerequisites:** ECON 210. **Corequisite:** Business Foundation Core.

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ECON 403. Public Finance and Public Policy, 3 hours, Spring even years

Interactions between federal government and the business community. Antitrust enactment, governmental regulatory agencies and the impact of taxation on social welfare. **Prerequisite: Business Foundation Core and ECON 220.**

ECON 404. Financial Institutions and Monetary Theory, 3 hours, Spring odd years

Analysis of the financial system, and financial institutions, advanced macroeconomic theory, and monetary policy. **Prerequisite: Business Foundation Core and ECON 220.**

ECON 405. Economics of Industrial Organization and Management, 3 hours, Offered periodically

The economic theory of consumer demand and business profit maximization as it applies to business decision making. Other topics affecting business strategy, competition, lobbying and positioning, such as the competitiveness of markets, market structure, business practices, antitrust policies, regulation of business and international competition are presented. **Prerequisites: Business Foundation Core and FIN 301.**

Education (EDUC)

*** Must clear a background record check and provide proof of liability insurance.**

***EDUC 203SL. Foundations of Education, 3 hours, Fall, Spring, Summer**

Survey of historical, sociological, and philosophical foundations of American education. Practicum required. Must provide proof of liability insurance. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

EDUC 204. Educational Technology, 3 hours, Fall, Spring

The course prepares future teachers to effectively utilize technology as a tool for student learning and for their own productivity and professional development. Students learn basic computer skills as well as how to use productivity software and Internet tools. Macintosh and Windows computers are used.

EDUC 205. Introduction to Diagnostic Reading Instruction: Techniques and Strategies, 3 hours, Fall, Spring

Prepares teachers to conduct standardized and informal assessments of reading skills and to develop remediation strategies for struggling readers.

***EDUC 314. Literacy Development through Language Arts, 3 hours, Fall, Spring**

Introduction to theory, structures and strategies for integrating the language arts communication skills of reading, writing, listening, and speaking. Practicum required. Must provide proof of liability insurance. **Prerequisite: EDUC 341.**

EDUC 320. Special Topics in Education, 1-3 hours, Fall, Spring, Summer

A critical analysis of significant books, critical research, or current issues in foundations, organizations, learning, curriculum, instruction, evaluation, or specialty areas in education. This course may be repeated for credit with a different topic. A student may enroll for no more than a total of six (6) semester hours of topics courses taken independently within their program. **Instructor approval required.**

***EDUC 341. Curriculum, Instruction, and Management of the K-6 Classroom, 3 hours, Fall, Spring**

Provides an overview of developmentally appropriate practice in the K-6 classroom. Emphasis is placed on understanding that effective instruction and classroom management is based on an understanding of children's developmental characteristics, educational theories, and the requirements of the elementary curriculum. Practicum required. Must provide proof of liability insurance.

***EDUC 342. Curriculum, Instruction, and Management of the 6-12 Classroom, 3 hours, Spring. Mayterm as needed**

Provides an overview of developmentally appropriate practice in the 6-12 classroom. Emphasis is placed on understanding that effective instruction and classroom management is based on an understanding of student's developmental characteristics, education theories, and the requirements of the 6-12 curriculum. Practicum required. Must provide proof of liability insurance.

EDUC 350. Diversity in Schools, Homes, and Communities, 2 hours, Fall, Spring

Explores diversity in contemporary society and the implications of it for today's student population, schools and classroom teachers. Exploration of the relationships between students, schools, homes and communities will include the examination of value systems, communication strategies, roles of government, and power structures. A particular focus will be on meeting the needs of all learners through collaboration with other professionals including school administrators, school counselors and social workers, special educators, general educators, occupational, speech, and physical therapists, and other members of the medical profession.

EDUC 351. Study Abroad: Diversity in Homes, Schools, and Communities, 3 hours, Offered periodically for summer study abroad programs

This course provides an opportunity for students to travel abroad and take an in-depth look at culture and how it affects relationships between teachers, students, and families. Field experiences for this course will take place in the country that is being visited, which will vary depending on the particular study abroad program.

EDUC 400. Teaching Assistantship, 1-3 hours, Fall, Spring, Summer

Teacher Education student assists faculty members with grading, class exercises, tutoring, research, etc. May be repeated for a maximum of 3 hours. S/F grading. **Prerequisite:** Departmental approval.

EDUC 403. Assessment and Evaluation, 3 hours, Fall, Spring, Summer

Presents the student with theory and skill in techniques for measuring, learning and gathering information about learner performance in order to measure learning and improve instruction. Preparation in the areas of types of learning, norm- and criterion-referenced tests, test construction and evaluation, and the use of alternative grading systems will be included. The student will be involved in critiquing existing tests and in designing and evaluating new tests, as well as interpreting and communicating test results.

***EDUC 414SL Reading Instruction and Assessment, 3 hours, Fall**

Introduction to the theory that undergirds literacy development and emphasizes practical implementation of effective literacy strategies through a 25-hour practicum experience. Students will develop an understanding of the causes of reading difficulties and use this knowledge in planning and assessing literacy skills of an individual student. Practicum required. Must provide proof of liability insurance. **Prerequisites:** Admission to Teacher Education Program, EDUC 204, 314, 341, SPED 313, 318. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

***EDUC 415. Mathematics, Science, and Social Studies in the Primary Grades, 4 hours, Fall odd years**

Introduction to methods and materials for teaching mathematics, science, and social studies in grades K-3. Activities will focus on curriculum, planning, strategies for teaching and assessing, and methods of integrating learning in the three subject areas. Practicum required. Must provide proof of liability insurance. **Prerequisites:** Admission to Teacher Education Program.

***EDUC 420. Content-Area Methods in 6-12 Classrooms, 3 hours, Fall**

This course equips prospective teachers to teach in secondary classrooms. Activities will focus on curriculum, methods, and materials for teaching, and students will focus on their particular content area. Additionally, the practicum for this course will be completed in the prospective teacher's content area. Practicum required. Must provide proof of liability insurance. **Prerequisites:** Admission to the Teacher Education Program and EDUC 342.

***EDUC 432. Disciplinary Literacy, 2 hours, Offered annually**

This course provides prospective teachers opportunities to attain and demonstrate an understanding of discipline-specific literacy skills and strategies essential to their endorsement area. **Prerequisites:** Admission to Teacher Education Program and EDUC 205, 342.

***EDUC 440. K-8 Mathematics Methods, 3 hours, Fall**

Introduction to methods and materials for teaching mathematics in the K-8 classroom. Activities will focus on curriculum, planning, and strategies for teaching and assessing K-8 mathematics. Practicum required. Must provide proof of liability insurance. **Prerequisites:** Admission to Teacher Education Program, EDUC 204, 314, 341, PSY 404, SPED 313, 318; **Corequisites:** EDUC 414SL, 444, 449.

***EDUC 444. K-8 Science Methods, 3 hours, Fall**

Preparation to teach science on the elementary and middle school levels. Curricula, materials, and instructional approaches will be addressed. Age-appropriate "hands-on" and "minds-on" activities will be stressed. Controversial issues relevant to the science classroom will be discussed. Practicum required. Must provide proof of liability insurance. **Prerequisites:** Admission to Teacher Education Program, EDUC 204, 314, 341, 342, PSY 404, SPED 313, 318; **Corequisites:** EDUC 414SL, 440, 449.

***EDUC 445. Middle Grades Mathematics Methods, 3 hours, Fall**

An introduction to methods and materials for teaching mathematics in 4-8 classrooms. Activities will focus on curriculum, planning, and strategies for teaching and assessing 4-8 mathematics. Practicum required. Must provide proof of liability insurance. **Prerequisites:** EDUC 342, Admission to Teacher Education Program; **Corequisites:** EDUC 446, 447, 448.

***EDUC 446. Middle Grades Science Methods, 3 hours, Fall**

This course equips pre-service teacher education candidates to teach science to students in grades 4-8. Students will develop an appreciation of the critical role that science plays in producing future citizens who are scientifically literate and therefore able to participate knowledgeably in a progressively scientific and technologically based society. The course focuses on developmentally appropriate curriculum, planning, teaching strategies, safety and logistics for hands on, minds on science. Practicum required. Must provide proof of liability insurance. **Prerequisites:** EDUC 342, Admission to Teacher Education Program; **Corequisites:** EDUC 445, 447, 448.

***EDUC 447SL. Middle Grades Literacy Methods, 3 hours, Fall**

The course provides an introduction to methods and materials for literacy instruction in the middle grades with an emphasis on curriculum implementation. Activities will focus on standards, curriculum, planning, teaching and assessing literacy in the middle grades language arts classrooms. Practicum required. Must provide proof of liability insurance. **Prerequisites:** EDUC 342, Admission to Teacher Education Program; **Corequisites:** EDUC 445, 446, 448. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

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***EDUC 448. Middle Grades Social Studies Methods, 3 hours, Fall**

The course equips prospective teachers to teach social studies to students in grades 4-8. Students will develop an appreciation of the critical role that social studies plays in producing future citizens who will have the knowledge and desire to participate in democracy. The course includes the curriculum and teaching strategies necessary for the middle grades social studies program. Practicum required. Must provide proof of liability insurance. **Prerequisites:** EDUC 342, Admission to Teacher Education Program; **Corequisites:** EDUC 445, 446, 447.

***EDUC 449. K-8 Social Studies Methods, 3 hours, Fall**

The purpose of this course is to equip prospective teachers to teach social studies to students in grades K-8. Students will develop an appreciation of the critical role that social studies plays in producing future citizens who will have the knowledge and desire to participate in democracy. The course includes the curriculum and teaching strategies necessary for the K-8 social studies program. Practicum required. Must provide proof of liability insurance. **Prerequisites:** Admissions to Teacher Education Program, EDUC 204, 314, 341, 342, PSY 404, SPED 313, 318; **Corequisites:** EDUC 414SL, 440, 444.

EDUC 461. Liberal Arts Education Capstone Seminar, 1 hour, Fall, Spring

Designed to help students integrate content knowledge from the liberal arts core, the major, and professional education course work.

EDUC 463. Seminar in Student Teaching, 2 hours, Fall, Spring

This course is designed as the capstone experience for the teacher education program and the student teaching experience. Student teachers will reflect upon and analyze the experiences they are having in the classrooms to which they are assigned, and they will refine skills for entering the teaching profession. All PRAXIS II exams required for licensure must be completed before a passing grade will be assigned for the course. Successful completion of this course is a requirement for the completion of all licensure programs. Must provide proof of liability insurance. **Corequisites:** EDUC 465 and 467. **Prerequisites:** Admission to the Teacher Education Program and Student Teaching Semester.

EDUC 465. Student Teaching: Placement One, 5 hours, Fall, Spring

Observation, participation, and teaching under professional supervision. Must provide proof of liability insurance. **Corequisites:** EDUC 463 and 467. **Prerequisites:** Admission to the Teacher Education Program and Student Teaching Semester. *\$200 fee.*

EDUC 467. Student Teaching: Placement Two, 5 hours, Fall, Spring

Observation, participation, and teaching under professional supervision. Must provide proof of liability insurance. **Corequisites:** EDUC 463 and 465. **Prerequisites:** Admission to the Teacher Education Program and Student Teaching Semester. *\$200 fee.*

Engineering (ENGR)

ENGR 201. Engineering Drawing I, 3 hours, Offered periodically

Techniques, sketching and lettering. Computer assisted drawing. One lecture and 3 hours of drawing lab a week.

ENGR 202. Engineering Drawing II, 3 hours, Offered periodically

Geometrical and graphical construction in solving problems. Computer assisted design. One lecture and 3 hours of drawing lab a week. **Prerequisite:** ENGR 201.

ENGR 210. Introduction to Engineering, 3 hours, Fall

An introduction to the world of engineering, providing a solid foundation in the fundamental principles and physical laws that engineers use and apply. Topics include design and problem solving, communication, ethics, and various areas of engineering specialization. **Prerequisite:** MATH 125; **Corequisite:** MATH 151.

English (ENG)

ENG 101. Writing and Literary Studies I, 3 hours, Fall, Spring, Summer

A study of the writing process, with an emphasis on improving grammar, mechanics, punctuation, style, usage, and development. Includes introduction to literary analysis with emphasis on Appalachian writing. **Note: A grade of C or better in ENG 101 is prerequisite to all English courses 200 level or higher.**

ENG 201. Writing and Literary Studies II, 3 hours, Fall, Spring

Development of writing with emphasis on three literary genres: fiction, poetry, and theater; includes the development of analytical and critical reading skills, research writing, and informational technology knowledge. **Prerequisite:** ENG 101.

ENG 204. Literature for Children and Youth, 3 hours, Fall, Spring

Selection, analysis, and uses of literature from early childhood through middle school. History of children's literature and study of illustrators.

ENG 300. Teaching Assistantship, 1-3 hours, Fall, Spring

Majors selected by departmental invitation to tutor students in writing and assist English faculty. Does not count toward the 36 hours required for the English major or for the minor.

ENG 301. Writing and Literary Studies III, 3 hours, Fall, Spring

Thematic study of literary texts from a specific literary period, region, nation, theme or genre. Specific course titles will illustrate content.

Prerequisite: ENG 201.

ENG 305. Literary Criticism and Theory, 3 hours, Fall

A study of literary interpretation, including an introduction to the history of literary criticism and the practice of analyzing and writing about literature, using current documentation and styles. The initial course in the major, English 305 can be taken simultaneously with English 301.

ENG 317. Creative Writing: Three Genres, 3 hours, Fall, Spring

A prerequisite for all Creative Writing courses with reading, discussion, and writing original works in three genres. Practicum in creating works of personal non-fiction/memoir, poetry, and fiction.

ENG 319. Research and Writing, 1 hour, Spring

See HONORS PROGRAM

ENG 321. Creative Writing: Poetry, 3 hours, Fall odd years

Practicum in creating a substantial portfolio of original works of poetry using contemporary poetry as models; workshop environment; possible publication in *Ampersand*. **Prerequisite:** ENG 317.

ENG 323. Creative Writing: Short Story, 3 hours, Fall even years

Practicum in creating a portfolio of original short stories using modern and contemporary fiction as models; workshop environment; possible publication in *Ampersand*. **Prerequisite:** ENG 317.

ENG 325. Creative Writing: Memoir and Creative Non-Fiction, 3 hours, Fall

Practicum in creating a portfolio of original memoir and creative non-fiction using modern and contemporary memoir and non-fiction as models; workshop environment; possible publication in *Ampersand*. **Prerequisite:** ENG 317.

ENG 327. Seminar in Creative Writing, 3 hours, Spring

Advanced course in one or possibly a variety of genres, including but not limited to poetry, short fiction, the novel, and personal essay. Critique of student writings. Editing of *Ampersand*, C-N literary journal. **Prerequisite:** ENG 321 or 323 or 325. Course may be repeated with change of content.

ENG 328. Advanced Grammar and the History of English, 3 hours, Fall

Focuses on how historical events have changed English and the practical grammatical principles of English. **Prerequisite:** ENG 101.

ENG 340. Studies in the Novel, 3 hours, Fall

Development of the novel as a genre, with representative selections. Course may be repeated with change of content.

ENG 341. Studies in the Short Story, 3 hours, Spring

Development of the short story as a genre, with representative selections from the 19th and 20th centuries. Course may be repeated with change of content.

ENG 342. Studies in Drama, 3 hours, Spring

Development of drama as a genre, with representative selections. Course may be repeated with change of content. TH credit for Theatre majors or minors.

ENG 343. Studies in Poetry, 3 hours, Fall

Development of poetry as a genre, with representative selections. Course may be repeated with change of content.

ENG 360. American Literature I, 3 hours, Fall

Intensive study of the works of representative American writers from the colonial period to the Civil War.

ENG 361. American Literature II, 3 hours Spring

Intensive study of the works of representative American writers from the Civil War to the present.

ENG 362. British Literature I, 3 hours, Fall

Intensive study of the works of representative British writers from the Anglo-Saxon period through the 18th century.

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ENG 363. British Literature II, 3 hours, Spring

Intensive study of the works of representative British writers from the Romantic period to the present.

ENG 423. Shakespeare, 3 hours, Fall

Life and major works of Shakespeare, with emphasis on critical interpretations and textual studies. TH credit for Theatre majors or minors.

ENG 433. Topics, 3 hours, Fall, Spring

In-depth study of specified topics and themes, including gender, race, nationality, faith, time period, and sub-genres. Specific course titles will illustrate the content. Course may be repeated with change of content (9 hours maximum).

ENG 450. Major Authors of American Literature, 3 hours, Fall

In-depth study of two or more American authors. Course may be repeated with a change of content.

ENG 451. Major Authors of British Literature, 3 hours, Spring

In-depth study of two or more British authors. Course may be repeated with a change of content.

ENG 460. English Seminar, 3 hours, Fall

For junior and senior English majors. Literary analysis, critical theories, research methods, introduction to job search and graduate study.

ENG 465. English Internship, 3 hours, Fall, Spring, Summer

Supervised experience in a workplace which offers students opportunities for observation, exploration, and application of relevant, practical English skills; must be approved by a supervising faculty member. Guidelines may be obtained from the English department. Does not count toward the 36 hours required for the English major or for the minor. Repeatable to a maximum of 6 hours.

English Language Institute (ELI)

ELI 011. Speaking/Listening, 5 hours, Offered as needed

Introduction to basic oral communication and listening comprehension skills.

ELI 012. Reading/Writing, 5 hours, Offered as needed

Introduction to reading and basic written communication skills.

ELI 013. Grammar, 3 hours, Offered as needed

Introduction to basic grammatical structures.

ELI 014. Speaking/Listening/Reading/Writing, 1-12 hours, Offered as needed

Permission of ELI director required.

ELI 021. Speaking/Listening, 5 hours, Offered as needed

Focus is on expanding oral communication and listening comprehension skills.

ELI 022. Reading/Writing, 5 hours, Offered as needed

Focus is on sentence structure and writing effective paragraphs through process writing.

ELI 023. Grammar, 3 hours, Offered as needed

Focus is on the review of basic grammatical structures and concentration on specific grammatical problems.

ELI 031. Speaking/Listening, 5 hours, Offered as needed

Focus is on the refinement of oral communication and listening skills for use in the college classroom.

ELI 032. Reading/Writing, 5 hours, Offered as needed

Focus is on writing of various modes of academic paragraphs and essays and on reading texts with emphasis on development of fluency through use of coherence, cohesion, and vocabulary expansion.

ELI 033. Grammar, 3 hours, Offered as needed

Focus is on using complex grammatical structures needed for writing effective college essays and essay-style answers on exams.

ELI 041. Speaking/Listening, 3 hours, Offered as needed

Focus is on the mastery of oral communication and listening skills for the college classroom and the workplace. May be repeated for up to 6 credits.

ELI 042. Reading/Writing, 5 hours, Offered as needed

Focus is on writing effective essays and a research paper and on reading and critical thinking skills appropriate for the college classroom and the professional work environment. May be repeated for up to 10 credits.

ELI 043. Grammar, 5 hours, Offered as needed

Focus is on the refinement of complex grammatical structure and language usage with special attention to American word collocation. May be repeated for up to 10 credits.

Exercise Science (EXSC)

EXSC 001. EXSC Liability Insurance, 0 hour, Fall, Spring

This course is required for all EXSC students each semester. This course will serve as a means of obtaining and keeping a record for students on the University's liability insurance. *\$20 fee.*

EXSC 104. Introduction to Exercise Science, 2 hours, Fall, Spring

An introductory course that provides an overview of the exercise science profession including: career opportunities, academic and certification requirements, professional organizations and contemporary issues. The class features multiple guest speakers from multiple allied health disciplines. *\$60 fee.*

EXSC 215. Testing and Prescription, 4 hours, Fall

This course will provide an overview of the relationship of exercise to cardio respiratory function, body composition, muscular strength/endurance, and flexibility within the general population, as well as testing protocols and procedures for assessing each component of human performance. A laboratory component providing students firsthand experience performing, testing, and assessing the cardio respiratory function, body composition, muscular strength/endurance, and flexibility of classmates. While learning the appropriate testing protocols and procedures for each component of human performance.

EXSC 226. Concepts in Exercise and Sport Behavior, 3 hours, Fall

A presentation of exercise and sport psychology theory: personality and motivation, sport/exercise environments, sport performance, health and well-being enhancement.

EXSC 245. Principles of Strength and Conditioning, 4 hours, Fall

Students will understand the scientific and practical foundations of strength and conditioning programs applied to health adults, athletes, youth, and older adults. Students will work with community athletic and recreation teams and/or Carson-Newman varsity athletics to learn and apply the development of strength and conditioning programs. **Prerequisite: BIOL 207.**

EXSC 247. Principles in Physical Therapy, 2 hours, Offered as needed

This course introduces students to the career of physical therapy through the exploration of the history, laws, code of conduct, role, and practices within the profession. Students will learn appropriate foundational methods of rehabilitative practices.

EXSC 300. Teaching Assistantship, 1-3 hours, Fall, Spring

Assist with the preparation and management of EXSC courses. **Prerequisite: Program Director's Consent.**

EXSC 312SL. Exercise for Special Populations, 3 hours, Fall, Spring

This course will provide students the ability to design and manage training programs for various populations including youth, obese, pre/post natal, senior, and clientele experiencing an illness affecting health and wellness. Additionally, a foundational awareness of the pathophysiology of multiple chronic conditions is developed. Students will work with community organizations to develop, teach, and maintain training regimens. **Prerequisites: EXSC 104 and 215 and BIOL 207, or instructor's consent.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

EXSC 316. Exercise Science Practicum, 1 hour, Fall, Spring, Summer

Students will gain a better understanding of resistance training and the responsibilities of a strength and conditioning professional through observation and technique support with the Carson-Newman's strength and conditioning staff. Students will complete 50 hours working with Carson-Newman's strength and conditioning staff or other appropriate professionals in the field. **Prerequisites: BIOL 207 and EXSC 245.**

EXSC 320. Special Topics in Exercise Science, 3 hours, Offered as needed

A wide variety of topics in exercise science and human performance are explored in this contemporary research and special topics course. Relevant issues including conditioning, nutrition and supplementation, and biomechanics are analyzed.

EXSC 331. Prevention and Treatment of Athletic Injuries, 3 hours, Spring

Students will understand knowledge in the field of sport related injuries. Content includes basic anatomy of common injuries, evaluation techniques, preventive measures to reduce the incidences of injuries, and a knowledge of basic treatment procedures to be used after injuries occur. Additionally, ethical and legal issues will also be discussed. **Prerequisites: BIOL 207.**

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EXSC 350. Applied Kinesiology, 4 hours, Fall

This course is designed to provide undergraduate students with the basic survey of human anatomy, physiology, and human mechanical movement specific to physical education and exercise science professions. Theory is balanced with laboratory experiences within the sport and real world physical education profession in order to provide an integrated view of Kinesiology. **Prerequisites:** BIOL 207 and 208. Taught as BIOL 407.

EXSC 440. Physical Activity Epidemiology, 3 hours, Fall

The course examines the basis of epidemiological research and its application to exercise science. Students will acquire knowledge of existing epidemiological research regarding the degree to which regular physical activity provides positive physical and psychological benefits. Chronic health conditions will be addressed including their etiology and clinical manifestations. **Prerequisites:** EXSC 104, 215, 245, 312SL, and BIOL 207, or instructor's consent.

EXSC 449. Strength and Conditioning Program Design, 4 hours, Spring

Students will understand the organizational, administrative, and developmental aspects of athletic program design including development of muscular strength and endurance, flexibility, and cardio-respiratory fitness. **Prerequisites:** EXSC 104, 215, 245, and 312SL or instructor's consent.

EXSC 469. Exercise Science Internship, 6 hours, Fall, Spring, Summer

The internship serves as a capstone event allowing students to apply their academic knowledge in a professional allied health environment. The student is required to complete 300 hours at a pre-approved organization under the supervision of an allied health professional. **Prerequisites:** EXSC 104, 215, 245, 312SL, and BIOL 403 or instructor's consent. \$28 fee.

Family and Consumer Sciences (FCS)

FCS 121. Professional Orientation, 1 hour, Fall, Spring

Survey of family and consumer sciences profession. Professionalism, career opportunities and preparation for professional study.

FCS 321. Professional and Multicultural Etiquette, 2 hours, Offered periodically

Concepts and processes involved in etiquette for professional behavior in traditional and multicultural settings throughout the lifespan.

FCS 400. Teaching Assistantship, 1-3 hours, Fall, Spring

Majors assist with research, class activities, and tutoring; by departmental invitation. S/F grading. May be taken more than once, limit 6 hours.

FCS 421SL. Senior Seminar, 1 hour, Fall

Capstone course for all family and consumer sciences majors focused on the synergistic nature of the profession. Interdisciplinary case study teams generate a training plan focused on a relevant issue requiring an integrative approach to meet needs of a community organization dedicated to improving the lives of individuals, families, and/or communities. **Prerequisites:** senior standing, FCS 121 or instructor's consent. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service. \$15 fee.

FCS 465. Internship in Family and Consumer Sciences, 3 hours, Fall, Spring, Summer

Supervised experience in a family and consumer sciences related business or agency. **Prerequisites:** CS 135, CFS 206, junior standing, instructor's consent.

Family and Consumer Sciences Education (FCSE)

FCSE 320. Introduction to Family and Consumer Sciences Education, 3 hours, Spring odd years

Philosophy of career and technical education and family and consumer sciences education; facilitation of co-curricular youth program, Family, Career and Community Leaders of America (FCCLA); curriculum development; and delivery management. Emphasis on organization and administration of Family and Consumer Sciences at secondary level.

FCSE 424. Methods of Teaching Family and Consumer Sciences Education, 2 hours, Fall

Assessment of Family and Consumer Sciences education in secondary schools and community. Emphasis on lesson development, delivery methods and procedures, assessment and creation of materials, community assessment, and program evaluation. **Prerequisite:** FCSE 320 or instructor's consent. **Corequisite:** FCSE 426, CFS 427, or Foods and Nutrition major.

FCSE 425. Occupational Family and Consumer Sciences Education, 3 hours, Offered periodically

Organization and administration of facilities, materials, and learning experiences in occupational secondary school programs including methods and curriculum development. **Prerequisite:** FCSE 320 or instructor's consent.

FCSE 426. Methods of Teaching Family and Consumer Sciences Education Practicum, 1 hour, Fall

Observation and practical application of principles, objectives, methods, materials, procedures, and evaluation for teaching middle and secondary level family and consumer sciences. **Prerequisite:** Admission to Teacher Education Program, FCSE 320 or instructor's consent. **Corequisite:** FCSE 424.

Fashion Merchandising and Design (FMD)

FMD 101. Basic Sewing, 2 hours, Offered periodically

Fundamentals of sewing for non-majors. Principles of fabric selection and garment construction applied through exploration of basic techniques. Alteration and/or mending of commercial garments will also be addressed. Laboratory. **CS, FMD, INTD, and FCSE majors may not enroll in this course.**

FMD 141. Design, Culture, and the Near Environment, 3 hours, Fall, Spring

Impact of design in the near environment, emphasizing the ecosystem of cultures, symbols, and individuals as a means to understanding self and others. *\$35 fee.*

FMD 143. Fashion Industry, 3 hours, Spring odd years

The dynamics, production, markets, procurement, and distribution of fashion.

FMD 233. Presentation Techniques for Fashion, 3 hours, Fall even years

An exploration of techniques for presenting fashion, including fashion illustration and computer-aided design. Students will finish the course with the framework of a professional design portfolio created from a compilation of original work. **Prerequisite: FMD 141 or instructor's consent.** *\$50 fee.*

FMD 241. Textiles, 3 hours, Fall

An analysis of textile production by examining fibers, yarns, fabric construction, dyeing and printing techniques, and finishes. Other topics include textile performance and proposed use, care, and legislation. Both the apparel and interior design perspectives are considered. Laboratory. *\$50 fee.*

FMD 242. Clothing Construction, 3 hours, Spring

Principles of fabric selection, garment construction and fit. Application of principles includes both the fashion and interior design perspectives. Laboratory. **Prerequisite: FMD 241 or instructor's consent.** *\$30 fee.*

FMD 341. Merchandising I, 3 hours, Fall odd years

The quantitative principles of profit and loss, cost of merchandise sold, pricing, inventory valuation, planning, buying, and control as they relate to the merchandising of fashion.

FMD 342. Merchandising II, 3 hours, Spring even years

A global and comprehensive perspective of merchandising as it functions in the supply channel to activate product concept development, price, fashion forecasting, line development, buyers' preparation for market, and buyers' translation of the market to product delivery. **Prerequisite: FMD 341.**

FMD 345. Fashion History I, 3 hours, Fall odd years

A chronology of Western dress from antiquity to the 19th century that frames the fashion of each era within its historical, cultural, and economic contexts. The elements of style for each period will be documented.

FMD 346. Apparel Design I, 6 studio hours, 3 hours, Fall even years

Application of draping techniques to the creation and construction of apparel design. Studio. **Prerequisites: FMD 141 and 242.** *\$25 fee.*

FMD 347. Fashion History II, 3 hours, Spring even years

A chronology of Western dress from the 19th century to the present that frames the fashion of each era within its historical, cultural, and economic contexts. The elements of style for each period will be documented. **Prerequisite: FMD 345.**

FMD 348. Retailing, 3 hours, Offered periodically

A strategic entrepreneur perspective which includes philosophy, objectives, location, organization, finance, operation, consumer decision making, and environmental analysis.

FMD 349. Apparel Design II, 6 studio hours, 3 hours, Spring odd years

Application of flat pattern techniques to the creation and construction of apparel design. Studio. **Prerequisites: FMD 141 and 242.** *\$25 fee.*

FMD 431. Product Development, 3 hours, Spring odd years

Step-by-step preproduction processes of apparel product development, including target market analysis, business planning, trend and color forecasting, fabrication and styling, and line development utilizing computer-aided design. **Prerequisites: FMD 141 and 241 or instructor's consent.**

FMD 442. Fashion Advertising and Promotion, 3 hours, Fall even years

An overview of advertising and sales promotion specific to the fashion industry, including image development, public relations, and visual presentation. Laboratory. **Prerequisites: FMD 141 and 143 or instructor's consent.** *\$15 fee.*

FMD 468. Internship in Fashion, 3 hours, Fall, Spring, Summer

Supervised experience in a fashion industry establishment. **Prerequisites: Junior standing, FMD 342 or 442, and instructor's consent.**

Film (FILM)

FILM 208. Introduction to Digital Media, 3 hours, Fall, Spring

An introduction to the use of digital media in the communication process. Applying learned visual and aural principles students will explore the use of computer-based tools in the design and production of media content by creating and editing digital images, sounds, video, text and motion graphics. Same as COMM 208. **Prerequisite:** COMM 123. *\$35 fee.*

FILM 209SL. Video Production, 3 hours, Fall

Lecture-laboratory study of the techniques and procedures used in the creation, production and direction of television programming. Emphasis on the function and operation of the primary tools and their application on the production process. Same as COMM 209SL. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

FILM 250. International Cinema, 3 hours, Fall

See HONORS PROGRAM.

FILM 304. Advanced Production, 3 hours, Spring

Advanced techniques of designing, writing and production of audio, video, film and multimedia presentations. Topics include advanced techniques in videography, editing in a digital environment, script writing, story construction, and performance. **Prerequisites:** COMM 123, 208, and 209SL. Same as COMM 304.

FILM 305. Digital Storytelling, 3 hours, Fall, Spring

A laboratory experience in researching, designing and producing content in an environment of converging communication forms. Using the resources of the Center for Digital Storytelling students will create multimedia content for various audiences. Each semester the course will focus on a different arena of production (news website, multimedia presentation for a non-profit, a digital filmmaking competition via the internet, etc.). Repeatable for up to 6 hours. **Prerequisites:** COMM 123, 208, 209SL, and instructor's consent. Same as COMM 305.

FILM 310. Introduction to the Art of Film, 3 hours, Fall

Beginning course in the vocabulary and methods of film study. Emphasis on film techniques, style, and artists.

FILM 311. Film History, 3 hours, Spring odd years

An introduction to the history of world cinema.

FILM 320. Topics in Film, 1-3 hours, As needed

This lecture-laboratory course focuses on a single topic in film studies. Subject matter differs each time it is offered. (Topic courses taken through the Los Angeles Film Studies Center require program acceptance and additional fees.) May be repeated for credit.

FILM 327. Media in a Changing World, 3 hours, Fall even years

Analysis of mass media business policies and practices of media organizations in a changing political, economic, regulatory and technological environment. Includes analysis of the historical and structural contexts and implications of new media technologies. Same as COMM 327.

FILM 344. Studies in American Film Genres, 3 hours, Spring even years

Examination of the major types since the studio era of the 1930's, often including the western, screwball comedy, horror, gangster, and musical films.

FILM 415. International Cinema, 3 hours, Offered periodically

Study of film outside the United States, often focusing on movies from a single country, for example, Argentina, Japan, Australia, or Ireland. Course may be repeated with a change of content. Same as GER 415, and SPAN 415.

FILM 427. Film in the Disciplines, 3 hours, Offered periodically

Study of the role of film in traditional disciplines, with emphasis on how those disciplines are viewed in film, as well as the methodologies and issues of the disciplines as reflected in movies. Course may be repeated with change of content. Same as HIST 427, REL 427, and SOC 427.

FILM 441. Film Authors, 3 hours, Fall odd years

Study of major artists who express their personal style and themes through film. Often focuses on directors as auteurs. Course may be repeated with a change of content.

FILM 460. Senior Project, 3 hours, Fall, Spring

Advanced work in screen writing, production, or research designed as a capstone experience.

FILM 465. Internship, 1-6 hours, Fall, Spring, Summer

Supervised practical experience in the film industry. Must be approved by film faculty.

Finance (FIN)

FIN 301. Introduction to Financial Management, 3 hours, Fall, Spring

An overview of finance and its role in developed economies, various business combinations and household. Course focuses on the real-life application of terminology, basic financial relationships, and their involvement with financial institutions. **Prerequisite: Business Foundation Core.**

FIN 304. Investment Analysis, 3 hours, Fall odd years

A study of U.S. and international financial instruments and securities such as corporate bonds, government bonds, real estate mortgages and investments, commodities, and the stock market. Various techniques of assessing risk and return will be presented. **Prerequisites: Business Foundation Core and FIN 301.**

FIN 305. Financial and Tax Strategies, 3 hours, Spring odd years

An examination of financial services with a study of financial institutions, financial instruments, personal financial and tax planning techniques. Additional topics include regulations related to organizational and personal tax strategies, new methods of borrowing, expanded insurance products, savings and investment alternatives. **Prerequisites: Business Foundation Core and FIN 301.**

FIN 307. Corporate Finance, 3 hours, Spring even years

An overview of the finance function in large business organizations. Topics such as budget preparation, managing cash flow, breakeven analysis, managing cash, accounts receivable, auditing, and inventory. **Prerequisites: Business Foundation Core, FIN 301, or instructor's consent.**

FIN 401. Financial Analysis and Valuation, 3 hours, Fall even years

Overview of markets and the financial analysis used to support decision-making both in organizational and personal matters. **Prerequisites: Business Foundation Core and FIN 301.**

FIN 402. Insurance and Risk Management, 3 hours, Fall even years

Covers the field of insurance, insurance law, and risk management. Areas covered include insurance regulation, insurance contract interpretation, policy exclusions, alternatives to risk management, and government regulation in regard to employee benefits. **Prerequisites: Business Foundation Core and BAD 301.**

FIN 465. Finance Internship, 1-6 hours, Offered periodically

Practical experience gained through an internship in the private or public sector. Proposal must be submitted and approved by supervising instructor. **Prerequisites: Business Foundation Core, instructor's consent.**

Foods, Nutrition, and Dietetics (FN)

FN 110. Basic Food Preparation, 2 hours, Offered periodically

Principles of food preparation with emphasis on healthy menu planning, proper use of equipment, and basic techniques. Laboratory (1 hour lecture, 2 hours lab per week). *\$100 fee.*

FN 114. Food and Culture, 3 hours, Fall

Multicultural factors which influence human foodways with emphasis on nutritional significance of changing world food supply.

FN 210. Basic Nutrition, 3 hours, Fall, Spring

Examination of nutrients, diet planning, and energy utilization from life span perspective.

FN 214. Science of Nutrition, 3 hours, Fall, Spring

Essential nutrients, their sources and function in the human body. Daily food selection across the life span using nutritional guidelines. For foods, nutrition, and dietetics majors; and other health professionals. **Prerequisites: CHEM 101 or 103 or BIOL 207 or 208 or instructor's consent.**

FN 310. Principles of Food Preparation and Meal Management, 4 hours, Fall, Spring alternate years

Principles of food science, meal planning, and preparation with emphases on demonstration techniques, quality evaluation, and styles of service. Laboratory. **Prerequisite: FN 210 or 214 or instructor's consent.** *\$100 fee.*

FN 311. Nutrition Education and the Community, 3 hours, Spring even years

Nutritional needs of populations and principles in nutrition program planning and implementation for health promotion, disease prevention, and food security in communities. Laboratory. **Prerequisites: FN 114, 214, FCSE 424, instructor's consent.** *\$25 fee.*

FN 313. Quantity Food Systems, 4 hours, Spring odd years

Theory and practice. Systems approach to food service operation (on-site and commercial) for quantity food production with application of menu writing and analysis, management, financial, HACCP/safety/regulatory, and continuous quality principles. Laboratory. **Prerequisite: FN 210 or 214, 310, or instructor's consent.** *\$50 fee.*

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FN 316. Experimental Food Science, 4 hours, Fall even years

Principles of food chemistry, ingredient functionality, and sensory/textural evaluation utilizing scientific method. Current trends in food industry and impact on nutritional well-being. Laboratory. **Prerequisites:** CHEM 100, 101, or 103, FN 310, or instructor's consent. *\$100 fee.*

FN 411. Advanced Nutrition, 3 hours, Fall even years

Metabolism of carbohydrates, lipids, and proteins; role of vitamins and minerals in metabolism; and significance and application of nutrition assessment techniques throughout the life span. **Prerequisites:** BIOL 207 and 208, CHEM 310 or equivalent, FN 214 or instructor's consent.

FN 412. Medical Nutritional Therapy, 3 hours, Spring odd years

Examination of disease states with emphasis on nutrient needs for planning, intervention, and evaluation throughout the life span utilizing nutrition counseling/education techniques. **Prerequisites:** BIOL 305 and 306, FN 411 or instructor's consent.

FN 421. Seminar in Foods, Nutrition, and Dietetics, 1 hour, Fall

Professional aspects of food and nutrition sciences and dietetics with emphases on trends in health care systems, credentialing, continuing education, communications, leadership, ethics, and public policy. **Prerequisites:** FN 114, 214, and 310, junior/senior standing or instructor's consent.

FN 466. Field Experience in Foods, Nutrition, and Dietetics, 3 hours, Fall, Spring, Summer

Experience in food establishment, dietetic service of health care facility, health/wellness center, or other food/nutrition related business under supervision of Registered Nutritionist Dietitian (RND) and/or other qualified professional. **Prerequisites:** FN 311, 313, or instructor's consent.

French (FREN)

FREN 101. Elementary French I, 3 hours, Fall

Introduction of the sound system of French and correlation of sounds to written symbols. Vocabulary acquisition and use of common verbs in the present tense. Introduction to the passe compose. Pair and small-group work is emphasized for speaking and listening practice. **Prerequisite:** Placement exam.

FREN 102. Elementary French II, 3 hours, Spring

Continuation of skill development from 101. Expressing actions in past time in both the passe compose and the imparfait. Increased emphasis on writing and reading in French. Pair and small-group work is emphasized for speaking and listening practice. **Prerequisite:** French 101 or placement by exam.

FREN 201. Intermediate French I, 3 hours, Fall

Continuation of skill development from 102. Review of regular and irregular verbs in the present, past, and imperfect tenses. Emphasis on reading and writing short compositions. Part and small-group work is emphasized for speaking and listening practice. Skill development expectations focus on using more complex complete sentences and longer paragraphs including past tense forms. **Prerequisite:** FREN 102 or placement by exam.

FREN 202. Intermediate French II, 3 hours, Spring

Continuation of skill development from 201. Review of the subjunctive, object pronouns, and prepositions. Emphasis on reading for context and oral/written presentation of information. Continue emphasis on compositions in French. **Prerequisite:** FREN 201 or placement by exam.

Geography (GEOG)

GEOG 201. World Regional Geography I, 3 hours, Offered periodically

A regional study of the economically developed regions of the earth including Europe, Russia and the former Soviet Republics, North America, Japan, and Australia.

GEOG 202. World Regional Geography II, 3 hours, Offered periodically

A regional study of the underdeveloped regions of the earth including Middle America, South America, North Africa/Southwest Asia, Sub-Saharan Africa, South and Southeast Asia, the Chinese World, and the Pacific Realm.

Geology (GEOL)

GEOL 101. Introduction to Physical Geology, 3 hours, Fall, Spring

Basic earth-space relationships, gross features of the earth's surface, earth minerals, external and internal earth processes. Three class periods and one two-hour lab a week and one audiovisual or computer/tutorial period.

German (GER)

GER 101. Elementary German I, 3 hours, Fall

Introduction to the German sound system and correlation to written symbols. Development of basic survival vocabulary such as greetings, numbers, family, dates, telling time, answering simple questions, and obtaining simple information. Introduction to basic grammatical structures in the context of learning how to describe daily routines, preferences, and things close to students' lives. **Prerequisite: Placement Exam. Nominal fee.**

GER 102. Elementary German II, 3 hours, Spring

Continuation of basic skill development in listening, speaking, writing, and reading. Extension of basic vocabulary relating to daily routines, chores, plans, and preferences. Study of grammatical structures for speaking about past actions and events, and the future. **Prerequisite: GER 101 or placement by exam. Nominal fee.**

GER 201. Intermediate German I, 3 hours, Fall

Development of communicative proficiency in everyday situations and reading and writing skills. Review and extension of related vocabulary and grammatical structures. **Prerequisite: GER 102 or placement by exam. Nominal fee.**

GER 202. Intermediate German II, 3 hours, Spring

Continuation of the development in communicative skills, and emphasis on oral interaction and the acquisition of conversational strategies. Enrichment in related vocabulary and advanced grammar topics. **Prerequisite: GER 201 or placement by exam. Nominal fee.**

GER 301. Advanced Skills, I, 3 hours, Offered as needed

Grammar review, composition, and conversation. Required of all minors. This course is a prerequisite for all 300-level and 400-level German courses. **Prerequisite: GER 202 or placement by exam. Nominal fee.**

GER 302. Advanced Skills, II, 3 hours, Offered as needed

Development of reading skills through selected literary and expository texts with continued emphasis on conversation and composition skills. **Prerequisite: GER 301. Nominal fee.**

GER 309. Foreign Study/Travel Experience, 1-4 hours, Offered as needed

Cultural and linguistic enrichment through travel/study/missions immersion programs that do not offer credit in themselves. **This course must be approved and a syllabus prepared before the experience.** This course counts toward majors and minors but not toward liberal arts core requirements. Taught in German. S/F grading. **Prerequisites: GER 301 and 302. Nominal fee.**

GER 320. Junior Seminar in German, 3 hours, Offered as needed

Possible topics include: Readings in relevant issues such as "Germany as a Multi-cultural Society", the German short story, the Contemporary German Film, Cultural History of Germany, Production of a One-Act Play. **Prerequisites: German 301 and 302.** May be repeated with different topics. **Nominal fee.**

GER 400. Teaching Assistantship, 1-3 hours, Offered as needed

Includes classroom experience and work in comparative methodologies. Designed for the student considering a language teaching career. Basic credit 1 hour. Up to 3 hours through special arrangement. May not be repeated beyond 3 total hours. By departmental invitation. Does not count toward major or minor. **Nominal fee.**

GER 415. International Cinema, 3 hours, Offered periodically

Study of film outside the United States, often focusing on movies from a single country, for example, Argentina, Japan, Australia, or Ireland. Course may be repeated with a change of content. Same as FILM 415.

Koine Greek (GRK)

GRK 201. Elementary Greek I, 3 hours, Fall

Study of the basic grammar of the Greek New Testament from the alphabet to deponent verbs.

GRK 202. Elementary Greek II, 3 hours, Spring

Study of the basic grammar of the Greek New Testament from the future tense to the participle. **Prerequisite: GRK 201.**

GRK 300. Teaching Assistantship, 1-3 hours, Fall, Spring

Advanced students assist with instruction. By departmental invitation. Counts toward major or minor.

GRK 301. Intermediate Greek I, 1-3 hours, Fall

Intermediate course consisting of translation and grammatical study of selected sections of the New Testament. **Prerequisites: GRK 201 and 202.**

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GRK 302. Intermediate Greek II, 1-3 hours, Spring

Intermediate course consisting of translation and grammatical study of selected sections of the New Testament. **Prerequisites: GRK 201 and 202.**

GRK 401. Advanced Greek I, 1-3 hours, Fall

Advanced course consisting of translation and grammatical study of Paul's letter to the Philippians. **Prerequisites: GRK 301 and 302.**

GRK 402. Advanced Greek II, 1-3 hours, Spring

Advanced course consisting of readings in syntax and textual transmission supplemented with translation of selected passages from the Greek New Testament, LXX, and Classical Greek. **Prerequisites: GRK 301 and 302.**

GRK 420. Topics in Greek, 1-3 hours, Offered as needed

Advanced course consisting of continued translation, grammar, syntax, and textual study of Koine Greek. Course can be repeated with varying content. **Prerequisite: GRK 402.**

Health (HLTH)

HLTH 201. Substance Use and Abuse, 3 hours, Offered periodically

Overview of prevention, treatment and cure of chemical excesses.

HLTH 202. Wellness: a Lifetime Objective, 3 hours, Fall, Spring, and Summer periodically

Study of the importance of health and well-being throughout life.

HLTH 203. First Aid and Safety Education, 3 hours, Offered periodically

The "how to" of responding to emergency situations. Preventive measures, sport first aid and wilderness first aid will also be covered. American Red Cross Certification may be obtained.

HLTH 209. Wellness for the 21st Century, 2 hours, Offered periodically

Trends and issues in wellness. Students will engage in service, research or teaching project and develop a self-wellness plan. Same as NURS 209.

Hebrew (HEB)

HEB 201. Elementary Biblical Hebrew I, 3 hours, Fall

Introduction to basic Hebrew grammar and Jewish culture of the ancient world.

HEB 202. Elementary Biblical Hebrew II, 3 hours, Spring

Advanced Hebrew grammar and overview of interpretive methods of Hebrew writings.

HEB 300. Teaching Assistantship, 1-3 hours, Fall, Spring

Advanced students assist with instruction. By departmental invitation. Counts toward major or minor.

HEB 301. Intermediate Biblical Hebrew I, 1-3 hours, Fall

Intermediate course focusing upon translation and interpretation of the Hebrew Bible. **Prerequisites: HEB 201 and 202.**

HEB 302. Intermediate Biblical Hebrew II, 1-3 hours, Spring

Intermediate course focusing upon translation and interpretation of the Hebrew Bible. **Prerequisite: HEB 301.**

HEB 320. Special Topics, 1-3 hours, As needed

Introduction to a Northwest Semitic language: Akkadian, Aramaic, or Ugaritic. Course may be repeated with a change of content. **Prerequisite: HEB 301.**

HEB 401. Advanced Biblical Hebrew I, 1-3 hours, Fall

Advanced study of the Hebrew Bible including the world of the Masoretic notes and traditions. **Prerequisite: HEB 302.**

HEB 402. Advanced Biblical Hebrew II, 1-3 hours, Spring

Advanced study of the Hebrew Bible focusing upon the textual apparatus of the Hebrew texts. **Prerequisite: HEB 401.**

HEB 420. Topics in Hebrew, 1-3 hours, Offered as needed

Advanced course consisting of continued translation, grammar, syntax, and textual study of Hebrew Bible. Course can be repeated with varying content. **Prerequisite: HEB 402.**

History (HIST)

HIST 100. Military History of the United States, 3 hours, Spring

From 1776 to the present. Freshmen and sophomores only. Juniors with permission of instructor. Same as MILS 100.

HIST 133. World History I, 3 hours, Fall

Survey of the modern world in its political, social, and economic framework, 1500-1850.

HIST 134. World History II, 3 hours, Spring

Survey of the modern world in its political, social, and economic framework, 1850 to the contemporary age.

HIST 135. Early Civilizations, 3 hours, Fall every three years

Survey of pre-1500 world civilizations.

HIST 201. United States History I, 3 hours, Fall, Spring, Summer

Survey of the national development of the United States to 1877.

HIST 202. United States History II, 3 hours, Fall, Spring, Summer

Survey of the national development of the United States since 1877.

HIST 210SL. Research and Writing Essentials for Historians, 3 hours, Fall

Students learn the art and craft of writing history by doing substantive research in primary sources. Emphasis on understanding historical interpretation and work in archives or collecting historical materials for an original work of scholarship. This is a service learning course and may require an additional time commitment outside of class.

HIST 240. Special Topics: Environmental Writers, 1 hour, Spring

Reading and discussion of one writer whose writings on issues relating to the environment are considered classics or pivotal in the history of environmentalism. May be repeated with different topics.

HIST 242. Readings in Feminist Writers, 1-3 hours, Fall even years

Introduction to the writings of major feminist authors from around the world and across the centuries. Included will be authors of fiction as well as non-fiction; poets as well as essayists; sociologists and historians. Can be repeated for credit when topic changes.

HIST 250. International Cinema, 3 hours, Fall

See HONORS PROGRAM.

HIST 312. Modern Middle East, 3 hours, Offered periodically

Emergence of the modern Middle East from the late eighteenth century through the present by focusing on political and cultural changes. Same as PSC 312.

HIST 320. Special Topics in History, 1-3 hours, Offered periodically

An examination of a specific area of study in the discipline. Can be repeated for credit when topic changes.

HIST 321. American Political Thought, 3 hours, Spring every 2-3 years

Survey from Puritans to the present. Same as PSC 321.

HIST 323. Global Feminisms: Women in the Modern World, 3 hours, Fall odd years

Explores the history of women in the 20th/21st century from a global and thematic perspective by looking at middle class feminism and working class unionism; women in political revolutions and women in peace movements; women and the development of human rights; the development of women's history; and women and the politics of globalization, development, and environmental politics. Same as PSC 323.

HIST 324. Modern Africa, 3 hours, Offered every three years

Examines the long term impact of empire on Africa, the various methodologies of imperialism, and the importance of religion and neo-colonialism.

HIST 334-336. Series: Studies in European Development, 3 hours each course**HIST 334. Europe in Transition, 1350-1789, Spring even years**

Study covers the period from the waning of the Middle Ages to the outbreak of the French Revolution, examining such topics as the Renaissance and Reformation, the scientific revolution, the emergence of representative government in England and of absolutism in France, and the Enlightenment.

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HIST 335. Europe in Age of Revolution: Reform and Unification, Fall even years

Study moves from the background and eruption of the French Revolution to the dawn of the Twentieth Century, examining such events as revolution, nationalism, liberalism, socialism, and other forces and ideologies which dramatically transformed Europe and created many of the conditions which persist to the present.

HIST 336. Emergence of Modern Europe, 1901 to the present, Spring odd years

Study of a Twentieth Century Europe dominated by events such as World War I, the Great Depression, World War II, and the post-1945 East-West conflict which has helped produce today's world.

HIST 340. Literature and Revolution, 3 hours, Once every 4 years

Explores the major social and political revolutions of the 20th century in Russia, China, Vietnam, South Africa, Iran, and Nicaragua by using novels, short stories, poetry, memoirs and film from these revolutions. Non-majors welcome.

HIST 341-348. Series: Asian Studies, 3 hours each course

HIST 341. The Confucian Tradition, Fall every 4 years

An examination of the spread of Confucian culture from China into Korea, Vietnam, and Japan.

HIST 343. India in the Historical Perspective, Spring every 4 years

Survey from ancient times to present emphasizing the development of religious and political traditions in the pre-modern era and then British Colonialism, the struggle for independence, and India's path to modernization.

HIST 347. Japan Past and Present, Once every 3 years

A survey of the ideas and events which have made Japan a distinctive and successful society from its classical beginnings through the Tokugawa shogunate and into the modern era.

HIST 348. China in Revolution, Once every 3 years

A survey of China since the Opium War (1839) emphasizing the themes of imperialism, nationalism, modernization, the rise of communism, and the post-Mao reforms.

HIST 349. A Cultural and Intellectual History of China, 3 hours, Summer, other times possible

Students immerse themselves in the rich visual and textual sources that have defined Chinese culture for 3000 years. Topics include Shang bronzes and jades; Tang Dynasty poetry; Buddhist temple art; Ming dynasty short stories; Taoist landscape painting, poetry, and philosophy; the world of the Qing Confucian literati; Maoist propaganda and the arts; Chinese protest films; and contemporary experimental art. Non-majors welcome.

HIST 351-353. Series: Studies of Warfare, 3 hours each course

HIST 351. World War I, Once every 3-4 years

Study of the background, course, settlement and consequences of the Great War.

HIST 353. The Vietnam War, Spring even years

Study of this protracted conflict from the formation of French Indochina through the collapse of the American sponsored South Vietnamese government in 1975. Emphasis on the American role, its impact at home and abroad as well as upon Vietnam itself.

HIST 355. Imperialism, 3 hours, Spring even years

Examination of political, religious, cultural, military, and financial aspects of modern imperialism.

HIST 357. History of Christianity, 3 hours

Survey of the development of Christianity since the first century. Same as REL 339.

HIST 365. Washington Semester, 3-9 hours, Offered as needed

Internship in the nation's capitol. Students learn about the workings of federal government under supervision of a US congressman out of whose office they work. Approvals from instructor, committee and Washington office required during semester prior to participation. **Prerequisite: senior status.**

HIST 400. Teaching Assistantship in History, 1-3 hours, Fall, Spring

Teaching assistantship for majors by departmental invitation.

HIST 401-405. Studies in American Development, 3 hours each course**HIST 401. American Colonial and Revolutionary History 1492-1788, Offered periodically**

Study of political, social, economic, religious aspects of American development through the proposing of the Constitution.

HIST 403. The Civil War and Reconstruction, 1848-1877, Once every 3-4 years

Study of the background and events surrounding that tragic conflict and of the flawed attempt in its aftermath to create a society willing to accept the concept of racial equality.

HIST 405. The America of Prosperity, Depression, and War, 1920-1945, Offered periodically

Study of the "Roaring Twenties," the Great Depression, and the nation's involvement in World War II.

HIST 408. The Civil Rights Movement, 3 hours, Offered periodically

Background, development, course, and demise of the American civil rights movement of the latter half of the 20th century.

HIST 413. American Foreign Relations, 3 hours, Fall odd years, other times possible

Study of the aims, achievements and failures in America's relations with the rest of the world, with emphasis on the post-1914 period.

HIST 417. Development of the Modern Presidency, 3 hours

Analysis of the growth of US presidential power. Historical roots and practices of 20th century presidents. Same as PSC 407.

HIST 420. Formation and Adoption of the Federal Constitution, 3 hours, Offered periodically

Examination of the context and process of the formation and adoption of the United States Constitution. Same as PSC 420.

HIST 427. Film in the Disciplines, 3 hours, Offered periodically

Study of the role of film in traditional disciplines, with emphasis on how those disciplines are viewed in film, as well as the methodologies and issues of the disciplines as reflected in movies. Course may be repeated with change of content. Same as FILM 427.

HIST 434. The Reformation: Protestant and Catholic, 3 hours, Once every 3-4 years

Background, course, effects of the reformation. Same as REL 438.

HIST 437. British History I, 3 hours, Fall odd years

Survey, covering the period 1485-1714.

HIST 438. British History II, 3 hours, Spring even years

Survey since 1714.

HIST 440. Celtic Histories, 3 hours, Spring every 4 years

An examination of the cultures of Ireland and Scotland with particular emphasis on religion, society, food, language, and music.

HIST 451. Senior Capstone in History, 3 hours, Fall

Students will explore a variety of topics relating to a career in history; options for different types of career, professional writing in history, preparing papers for publication, and oral and visual presentation techniques. Required of all history majors.

HIST 470W. Women, War and Peace: Women in and Between the Wars, 1914-1950, 3 hours, Once every 2 years, also Summer (online)

This course allows students to study and reflect on the poetry, fiction, essays, journalism, photography and art of women from around the world who wrote, spoke and organized around the most pressing events and issues of this era. Non-majors welcome.

Honors Program

ENG 101. Writing and Literary Studies I, 3 hours, Fall

Class section that provides enriched Writing and Literary Studies I content for honors students.

FA 301. Form and Expression in the Contemporary Arts, 3 hours, Fall even years

An exploration of theater, film, visual arts, architecture, music and poetry, and their interrelationship with one another and contemporary culture.

FILM/HIST 250. International Cinema, 3 hours, Fall

The aim of this course is to provide a background and develop academic discursive competence in the aesthetics and history of film. Students will learn to recognize and analyze the formal aspects of narrative and cinematography within particular cultural and historical contexts.

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HON 001, 002, 003, 004. Honors Program, 0 credit, Fall, Spring

Academic, artistic, and social enrichment activities for honors students. Required of all honors students each semester. Honor scholarships awarded to junior- and senior-level students are contingent upon enrollment in the appropriate level of the class.

HON 219. Honors Proposal Seminar, 1 hour, Spring

This course will facilitate the Honors student's development of a research proposal. The fundamentals of the research process will be explored. The students will explore areas of research interior and with faculty guidance complete foundational work for the Honors thesis.

HON 319. Research and Writing, 1 hour, Spring

Preliminary to the honors thesis. Prospectus is prepared.

HON 499. Independent Honors Thesis, 1-6 hours

Supervised experience or research in a student's major field(s). Requires departmental and Honors Council approval.

HUM 101-102. Humanity and the Cosmos I, II, 3 hours each semester, Fall (101), Spring (102)

Freshman honors course. A study of the relationship between people and the universe.

HUM 302. Medical Humanities: Meaning and Healing, 3 hours, Spring even years

An exploration and analysis of human flourishing, suffering, and healing from the perspectives of both the sciences and the humanities. Human wholeness and brokenness will be examined with the aid of biological sciences, social sciences, theology, philosophy, ethics, and the arts, with the aim of providing insight into the human condition, suffering, personhood, and our responsibility to each other. Using literature and the arts, the course will help students develop and nurture skills of observation, analysis, empathy, and self-reflections, skills that are essential for humane medical (and other) caregiving and richness of life in community for all.

PSY/SOC 250. Society and the Individual, 3 hours, Fall

Introduction to the basic principles of sociology and psychology and how they relate to each other and the everyday world.

PSC 302. Faith and Freedom of the Individual, 3 hours, Spring

Study of political and religious thought and issues and their relationships to current concerns.

PSY 318. Humanity and the Biosphere, 3 hours, Every 2-3 years

A holistic study of human/nature relationships with special emphasis on sustainable living and eco-justice issues in the Appalachian bioregion. Laboratory.

REL 101. Introduction to the Old Testament--Honors, 3 hours, Fall

Class section that provides enriched Old Testament content for honors students.

REL 102. Introduction to the New Testament--Honors, 3 hours, Spring

Class section that provides enriched New Testament content for honors students.

REL 452. Cross-Cultural Experience and World Awareness, 3 hours, Summer

Preparation for a cross-cultural immersion experience within the United States or abroad that offers the student opportunity to engage in mission praxis, reflection, and service.

Interdisciplinary Courses (ID)

ID 102. Power, Privilege, and Difference, 3 hours

This course will explore and examine the systems of privilege, power, and difference in our society. Through personal story sharing, critical conversations, and engagement with critical pedagogy we seek to identify and address the root causes of domination and control prevalent in our individual lives and in American society. **Enrollment limited to Bonner Scholars.**

ID 120. Academic Strategies Course, 2 hours, Fall, Spring

This course includes methods and strategies to be successful in college. Topics include note-taking, textbook reading strategies, time management, effective use of resources, test-taking tips, stress management, academic goal-setting, making the connection between your major and possible careers, acclimation to university life, academic integrity, and effective writing and research skills.

ID 121. The Academic Success Seminar, 1 hour, Fall, Spring

Required for students on academic probation. Designed to assist students with the transition to higher education. Topics will include study strategies, time management, and self-motivation techniques. *Students cannot withdraw from this class.*

ID 170. Introduction to College, 3 hours, Summer

This course assists first-year students' adjustment to college through academic and life-skills instruction and discussion. Topics include language/reading and writing, math skills, study skills, effective time management, and team building exercises.

ID 201. Major and Career Exploration, 1 hour, Fall

Guidance in choosing a major (1) examining personal and occupational personality, values, skills, and interests through self-assessment tools and (2) developing decision-making and information-gathering methods related to major and/or career investigation. This course is only for freshmen and sophomores deciding on a major. **Prerequisite:** Instructor's consent. \$17 fee.

ID 208. Career Planning in the Health Professions, 1 hour, Fall

Purpose is to introduce and to plan for careers in the health professions (excluding nursing) as organized in the health pre-professional program at Carson-Newman University. Intended for students who have already chosen health professions as a career.

ID 211. Peer Mentoring and Leadership, 1 hour, Fall, Spring

Using communication, trust, and problem solving, students will develop the skills needed to be a successful leader and peer mentor in a college community. Individual and group leadership development in both personal and professional settings will be addressed as well as assessment skills in identifying the needs of a group. Students will be assigned as a peer mentor to a cohort of students.

ID 212. Social Entrepreneurship Seminar, 2 hours, Fall

An introduction to service that addresses human needs and problems by strengthening social infrastructure through community research and action, service learning, and civic engagement. Involves readings and a field trip. Same as PSY 212. S/F grading. \$25 fee.

ID 213. Leadership Methods, 2 hours, Spring

Students will understand theoretical and practical leadership viewpoints. Students explore various methods and applications of leadership pertaining to management, education, spirituality, and community. Power, authority, influence, team building, diversity, multiculturalism, and values are explored relative to leadership.

ID 215SL. Service-Learning Peer Mentorship, 1 hour, Fall, Spring

Designed for students chosen to be Service-Learning Peer Mentors through *c-nvolved*. Students will work with assigned instructors and departments to aid in the implementation of service-learning projects. Will meet regularly with the instructor for training and assessment of assigned tasks. **Prerequisite:** Instructor's consent. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

ID 217. Introduction to Appalachian Studies, 1 hour, Offered annually

A study of the Appalachian bioregion in interdisciplinary perspective to include its history, culture, social ecology, literature, and art, with a focus on the events sponsored by the Appalachian Center.

ID 305. Flight Instruction I, 3 hours, Offered periodically

Credit will be issued for flight instruction through an approved Federal Aviation Administration flight training center. Instruction includes twenty hours flying time which takes student through solo and dual cross-country in preparation for taking the required FAA written test. Credit will be issued upon student request following documentation of satisfactory completion of course and payment of a \$10.00 per hour recording fee to the student accounts office.

ID 306. Flight Instruction II, 3 hours, Offered periodically

Credit will be issued for flight instruction through an approved Federal Aviation Administration flight training center. Instruction includes twenty hours flying time which takes student through completion of solo cross country and other requirements in preparation for the private pilot's flight test. Credit will be issued upon student request following documentation of satisfactory completion of course and payment of a \$10.00 per hour recording fee to the student accounts office.

ID 312. Social Entrepreneurship and Non-Profit Studies, 3 hours, Spring

Students will explore how non-profit organizations can address human needs and problems by strengthening social infrastructure and empowering communities to help themselves. Students will complete a project that addresses human need and creates social change for the common good. Same as PSY 312SL. **Prerequisite:** ID/PSY 212. \$25 fee.

ID 318. Career and Professional Development, 2 hours, Fall, Spring

Designed for seniors. In-depth look at the job search, including resume and cover letter writing, interviewing, and life as a new professional. **Prerequisites:** Instructor's consent; junior/senior standing. \$17 fee.

ID 320. Study Abroad, 12-17 hours, Offered as needed

Students study abroad for one semester (fall or spring) at an approved international university. Applications for study abroad are available at the Center for Global Education.

ID 324. Study Away, 12-17 hours, Offered as needed

Students earn credit through an approved academic program at a cooperating educational institution within the United States. Coursework taken during the semester away must be authorized for transfer by the University Registrar.

Interior Design (INTD)

INTD 101. Interior Design Fundamentals, 6 studio hours, 3 hours, Fall

Introduction to interior design history and professional practices including design process and theories, elements and principles, aesthetics and discernment, building systems and codes, space planning, and material and finish selections. Studio. *\$10 fee.*

INTD 244. Interior Design Building Systems I, 3 hours, Fall odd years

Overview of building systems as related to the construction of the building envelope, materials, code information, healthy indoor air, and sustainable design. *\$10 fee.*

INTD 245. Interior Design Building Systems II, 3 hours, Spring even years

Overview of building systems as related to electrical systems, lighting, and sustainable design. Prerequisite: INTD 244 or instructor's consent.

INTD 246. Architectural Drafting, 6 studio hours, 3 hours, Fall odd years

Examination and execution of architectural drawing and light construction techniques for interior visual design communication. Studio.

INTD 252. Space Planning, 6 studio hours, 3 hours, Spring odd years

Study and application of analytical, conceptual, and applied aspects of programming and space planning through research and development of the design process for both residential and non-residential environments. Studio. *\$10 fee.*

INTD 254. Material and Finishes, 3 hours, Spring even years

The study of building products specified by the interior designer for the interior environment to include surface materials and finishes with an emphasis on creating healthy and sustainable spaces.

INTD 256. Computer-Aided Design, 6 studio hours, 3 hours, Spring even years

Study and application of basic computer-aided design (CAD) skills for design visualization. Studio. **Prerequisite: INTD 246 or instructor's consent.** *\$10 fee.*

INTD 345. History of Architecture and Interiors Before 1830, 3 hours, Fall even years

Historical survey of architectural forms, interior treatments, furnishings, and decorative arts from antiquity through the early 19th century.

INTD 346. History of Architecture and Interiors After 1830, 3 hours, Spring odd years

Historical and aesthetic survey of architectural theories and trends, period styles in furnishings and interiors, and leading designers from the early 19th century to present. **Prerequisite: INTD 345 or instructor's consent.**

INTD 348. Kitchen and Bath Design, 6 studio hours, 3 hours, Fall odd years

Application of the National Kitchen and Bath Association (NKBA) standards for kitchen and bath design. Studio. **Prerequisites: FMD 141, INTD 101, and INTD 246.** *\$10 fee.*

INTD 350. Residential Design, 6 studio hours, 3 hours, Spring even years

The study of residential design development to include new construction, adaptation, and sustainable building systems. **Prerequisites: FMD 141, INTD 101, and INTD 256.** *\$10 fee.*

INTD 450. Commercial Design, 6 studio hours, 3 hours, Spring odd years

The study of commercial design development to include new construction, adaptation, and sustainable building systems. **Prerequisites: FMD 141, INTD 101, and INTD 256.** *\$10 fee.*

INTD 459. Professional Practice, 3 hours, Fall even years

Concepts relating to the business, practice, and profession of interior design. **Prerequisites: Junior or senior standing, CS 135, INTD 101, INTD 252, INTD 254, INTD 256, or instructor's consent.**

INTD 469. Internship in Interior Design, 3 hours, Fall, Spring, Summer

Supervised field experience with an interior design related business. **Prerequisites: CS 135, INTD 101, INTD 252, INTD 254, INTD 256, and instructor's consent.**

Liberal Arts (LA)

LA 101SL. Carson-Newman and the Liberal Arts, 2 hours, Fall, Spring limited

The purpose of a liberal arts education is to expand the students' minds and spirits by exposing them to civilization's fundamental achievements, questions, and debates. As a celebration of the liberal arts, each student at Carson-Newman is required to complete this seminar. The seminar explores the history of Christian liberal arts education and the history of such education at Carson-Newman by investigating the ideals celebrated on Carson-Newman's seal and throughout the University's history: Truth, Beauty, Goodness, Justice, and Courage. The course helps students

refine skills that are essential for academic and career success and encourages students to be full and steady participants in the college experience. The goals of the seminar are as follows: to read critically, to listen actively, to reason well, to research effectively, to discuss ideas openly, and to express one's ideas with conviction and respect. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service. *Students should successfully complete this course within the first 30 hours completed at C-N. Students with a four-year baccalaureate degree are not required to take the course. Cannot be taken for additional credit.*

LA 102. Carson-Newman and the Liberal Arts for Transfers, 1 hour, Fall, Spring limited

Explores the history of Christian liberal arts education and the history of such education at Carson-Newman by investigating the ideals celebrated on Carson-Newman's seal and throughout the university's history: Truth, beauty, goodness, justice and courage. Students transferring with fewer than 45 transfer hours should enroll in LA 101SL.

Linguistics (LING)

LING 220. Introduction to Linguistics, 3 hours, Offered as needed

Students will be introduced to the systematic study of human language from a historical and social perspective. Out of that social and historical context, students will be introduced to the subfields of phonology, morphology, syntax, semantics and pragmatics, as well as the basics of linguistic analysis.

LING 305. Syntax, 3 hours, Offered as needed

This course provides a general introduction to syntactic theory and to the methodology of constructing a theory of syntax. We will explore syntax from the perspective of Chomsky's principles and parameters approach to language, which seeks to find the universal core of human language, and the parameters within which languages can differ. **Prerequisite: LING 220 highly recommended.**

LING 310SL. Phonology, 3 hours, Offered as needed

This course provides a general introduction to phonological theory and analysis and to the methodology of constructing a theory of phonology. It focuses on crucial phonological concepts such as underlying and surface representations, phoneme and allophone, contrast, alternation, neutralization, distinctive features, and syllable. **Prerequisite: LING 220 highly recommended.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

LING 320. Topics in Linguistics, 3 hours, Offered as needed

Sample topics: phonetics, morphology, language and society in the USA, language variation and change, child language acquisition, second language acquisition. May be repeated with different topics.

LING 327. Translation Theory, 3 hours, Offered as needed

Translation is not the mathematical or simple transfer of words between two languages, but rather a construction. The goal of this course is to provide students with a foundation in the theory, practice, and ethics of translation. **Prerequisites: English 201 and GER, GRK, HEB, or SPAN 202 or higher.**

LING 400. Teaching Assistantship, 1-3 hours, Offered as needed

By prior arrangement and departmental invitation only. Includes classroom experience and work in linguistics pedagogy and teaching methodology. Does not replace student teaching. Does not count as 400-level requirement in major or minor. S/F grading only. **Prerequisite: LING 220.**

LING 415SL. Advanced Topics in Linguistics, 1-3 hours, Offered as needed

Sample topics: Optimality-theory phonology, advanced aspects of phonological/syntactic theory, grammaticalization and language change, the structure of Appalachian English. May be repeated with different topics. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

LING 420. Advanced Seminar in Linguistics, 3 hours, Offered as needed

In-depth study of a topics, issues, formalisms, or theoretical nuances related to linguistics.

LING 430. Language and the Brain/Psycholinguistics, 3 hours, Offered as needed

The basic objective of psycholinguistics is to understand how the human mind/brain supports the learning, comprehension, and production of language. This course provides a hands-on introduction to modern approaches in psycholinguistics. **Prerequisite: LING 220.**

LING 450. Linguistics Research Group, 1-3 hours, Fall, Spring

Faculty-student collaborative research in linguistics. May involve fieldwork, bibliographic research, data analysis, presentation and/or publication of research, etc. May be repeated for up to 8 or 9 credits.). **Prerequisite: LING 220.**

LING 475. Capstone Project, 3 hours, Offered as needed

Management (MGT)

MGT 301SL. Essentials of Management and Leadership, 3 hours, Fall, Spring

An introduction to business management concepts and leadership. Innovative leadership will be embedded into topics throughout the course in areas of traits, behaviors, types of leadership, empowerment, communications, diversity, power, and influence. **Prerequisite: Business Foundation Core.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

MGT 302. Operations Management, 3 hours, Fall

The study and application of widely used quantitative models used in the decision making process such as linear programming, decision analysis, linear regression, plant layout, facility location and quality control. **Prerequisite: Business Foundation Core.**

MGT 306. Organizational Behavior, 3 hours, Spring

Studies concepts, theories, and case studies concerning the behavior of people in modern business organizations. Analyzes the internal organization structure and managerial roles and functions, in the business and other goal-oriented institutions. Studies theory and design of organizational structure, impact of work flow, leadership styles, and control systems on human behavior. Same as PSY 306. **Prerequisite: Business Foundation Core.**

MGT 405. Human Resource Management, 3 hours, Spring

Problem solving. Role of people in organizations--a review of the process of recruitment, employee selection, training, performance appraisal, employee benefits, laws governing employer/employee relationships. **Prerequisite: Business Foundation Core.**

MGT 408. Strategic Management, 3 hours, Fall, Spring

A comprehensive interdisciplinary case study course which serves as the capstone course for all business majors. Students work in teams, from the viewpoint of consultants to top management, presenting and defending their analyses and recommendations. **Prerequisites: Business Foundation Core and senior standing, fewer than 18 hours from graduation. \$150 fee.**

MGT 410. Entrepreneurship, 3 hours, Fall

Principles and tools required to set up a new business venture. The topics include assessing new opportunities, locating sources of information, organization and legal considerations, securing of financing, preparation of a business plan, and management of the operation. **Prerequisites: Business Foundation Core, junior standing, FIN 301, MGT 301SL, and MKT 300.**

Marketing (MKT)

MKT 300. Principles of Marketing, 3 hours, Fall, Spring

A study of the basic marketing concepts and functions in market-oriented organizations. This course will focus on issues such as understanding buyers and markets, selecting a target market, and decisions regarding the four P's of marketing: product, price, place, and promotion. **Prerequisites: Business Foundation Core, junior/senior standing or instructor's consent.**

MKT 350. Consumer Behavior, 3 hours, Fall

This course examines the nature and dynamics of customer markets and what influences product or service utilization and purchase decisions. Emphasis is placed on how business organizations conceptualize, gather, and analyze data needed by managers to learn about customers in markets. **Prerequisite: Business Foundation Core and MKT 300.**

MKT 400. Marketing Management, 3 hours, Spring

The study of the Marketing Concept, environmental trends and the development of product, distribution, promotional, as well as pricing strategies. Students will make a major presentation on some current issue relating to marketing. **Prerequisites: Business Foundation Core, MGT 301SL, MKT 300, junior/senior standing.**

MKT 407. Marketing Research Methods and Design, 3 hours, Fall

Methods and techniques for market analysis, business and economic forecasting, and analysis of consumer behavior and related problems of a mixed economy. **Prerequisites: Business Foundation Core and MKT 300.**

MKT 442. The Promotional Mix of Marketing, 3 hours, Spring

A study of the tools used to accomplish an organization's integrated marketing communications program, including advertising, sales promotion, personal selling, and public relations. **Prerequisites: Business Foundation Core and MKT 300.**

Mathematics (MATH)

MATH 105. Number and Operations for Teachers, 3 hours, Fall

Recommended for prospective elementary teachers. Properties of numeration systems, properties of whole numbers, integers, and rational numbers; topics from algebra, including solving equations and inequalities. **Prerequisite:** High school algebra II or ASE 034.

MATH 106. Data Analysis and Geometry for Teachers, 3 hours, Spring

Recommended for prospective elementary teachers. Real numbers; topics from algebra, probability, statistics, trigonometry, and geometry. **Prerequisite:** High school algebra II or ASE 034.

MATH 120. Introduction to College Mathematics, 3 hours, Fall, Spring

Not intended for students who are planning to enroll in a college calculus course. A liberal arts mathematics course that emphasizes modeling and applications to real world problems. **Prerequisites:** High school Algebra II or ASE 034.

MATH 125. Precalculus, 4 hours, Spring

For students planning to enroll in a college calculus course. A study of elementary functions - polynomial exponential, logarithmic, trigonometric, rational - their graphs, and applications. Note: A student who has previously received college credit for a calculus course will not receive credit for MATH 125. **Prerequisites:** High school Algebra II or ASE 034.

MATH 151. Calculus I, 3 hours, Fall

First year course in single-variable calculus, primarily intended for science, pre-engineering, and mathematics majors. Differential calculus with applications. **Prerequisite:** MATH 125 or equivalent.

MATH 152. Calculus II, 3 hours, Spring

First year course in single-variable calculus, primarily intended for science, pre-engineering, and mathematics majors. Integral calculus with applications. **Prerequisite:** MATH 151 or instructor's consent.

MATH 201. Statistical Concepts and Methods, 3 hours, Fall, Spring, Summer

Basic statistical concepts including populations, samples, analysis and inference. One and two dimensional discrete and random variables. Applications of normal, t, chi square, F and binomial random variables. R statistical software. Same as PSY 203 and SOC 203. **Prerequisites:** Strong algebra background evidenced by math ACT 21 (math SAT 530) or MATH 106, 120, or 125.

MATH 207. Discrete Mathematics, 3 hours, Fall

Binary and hexadecimal number systems, sets and set operations, logic, proofs, permutations, combinations, and graph theory. **Prerequisite:** instructor's consent.

MATH 208. Linear Algebra I, 3 hours, Spring

Fundamentals of linear algebra: systems of linear equations, matrix and vector algebra, determinants, eigenvalues, Euclidean space and complex numbers, and applications. **Prerequisites:** MATH 125.

MATH 211. Calculus III, 3 hours, Fall

An overview of multi-variable calculus. Topics include: partial derivatives, double integrals, vector geometry, parametric/vector-valued functions, polar coordinates, infinite sequences and series. **Prerequisite:** MATH 152.

MATH 212. Introduction to Abstract Mathematics, 3 hours, Spring

Designed to help bridge the gap from predominantly problem solving courses to those courses that have a significant amount of abstract content. Emphasis to instill mathematical maturity through creating, writing and comprehending proofs. **Prerequisite:** MATH 207.

MATH 303. Differential Equations, 3 hours, Offered periodically

First order, first degree equations, linear differential equations, applications to geometry, physics, biology, chemistry and the behavioral sciences. **Prerequisite:** MATH 152 or instructor's consent.

MATH 304. Mathematical Modeling, 3 hours, Offered periodically

Construction and analysis of mathematical models used in science, business and industry. **Prerequisites:** MATH 152 and 207, CSC 107.

MATH 306. Modern Geometries, 3 hours, Fall

Foundations of geometry. An axiomatic approach to Euclidean geometry, with a brief introduction to non-Euclidean geometries. **Prerequisite:** MATH 212.

MATH 313. Calculus IV, 3 hours, Spring

Extends Calculus III to further concepts and applications of multi-variable calculus and vector calculus. Topics include Taylor series, multiple integrals, motion in space, optimization, and vector fields. **Prerequisite:** MATH 211.

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MATH 320. Special Topics, 3 hours, Offered periodically

An exploration of a current topic in mathematics. May be repeated if taken with different topics. **Prerequisite: Instructor's consent.**

MATH 325SL. Principles of STEM Communication, 2 hours, Fall

Develop communication skills in the STEM disciplines and become familiar with tools used to help communicate STEM concepts. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service. Same as CSC 325SL and PHYS 325SL.

MATH 404. Abstract Algebra, 3 hours, Fall

The structure of algebra: elements of number theory, groups, rings, integral domains and fields. **Prerequisite: MATH 212.**

MATH 405. Advanced Calculus, 3 hours, Offered periodically

The theory of sequences, series, differentiation, and Riemann integration of functions of one or more variables. **Prerequisites: MATH 211 and 212.**

MATH 406. Mathematical Statistics, 3 hours, Offered periodically

Discrete and continuous distributions, mathematical expectation, the Central Limit Theorem, point and interval estimation, multivariate probability
Prerequisite: MATH 213.

MATH 408. Numerical Methods, 3 hours, Offered periodically

Solving numerical problems via computer. Number systems and errors, function evaluation and approximation, root finding, interpolation, quadrature, numerical linear algebra, systems of equations, algorithm complexity. **Prerequisites: CSC 107, MATH 207, 211, and 303 or 403.**

MATH 409. Complex Analysis, 3 hours, Offered periodically

The theory of functions of a complex variable, including analytic functions, contour integrals, and applications. **Prerequisite: MATH 211.**

MATH 412. Senior Seminar in Mathematics, 3 hours, Fall

Fundamental ideas of mathematics and their connections within their historical contexts. This is the capstone course in mathematics. **Prerequisite: MATH 212 and at least one other MATH course at the junior/senior level.**

MATH 414. Linear Algebra II, 3 hours, Spring

A continuation of MATH 208. Further study of algebraic structures, with an emphasis on vector spaces. **Prerequisite: MATH 208.**

MATH 450. Senior Project, 1 hour, Fall, Spring

An independent investigation of some topic in the field that is of interest to the student and his/her career objectives. The student will be directed by a member of the faculty to research appropriate sources, write a paper, and make an oral presentation of the findings.

Military Science (MILS)

MILS 100. Military History of the US, 3 hours, Spring

Introduction to critical thinking, grounded in military history, as the basis for decision making. This course will examine military history of the U.S. from 1776 to the present. It will seek to develop students' awareness of the relationship of the military establishment to society, particularly in the United States. It will examine the evolution of war and the progression of military professionalism, giving the student an awareness of the history and purpose of joint operations, role of history in understanding the Army profession, and encourage the viewing of American military history from both joint and combined perspectives. Same as HIST 100.

MILS 101. Introduction to the Army and Critical Thinking, 1 hour, Fall

Cadets will learn how the personal development of life skills such as cultural understanding, goal setting, time management, stress management, and comprehensive fitness relate to leadership, officership, and the Army profession. The focus is on developing basic knowledge and comprehension of Army leadership dimensions, attributes and core leader competencies while gaining an understanding of the ROTC program, its purpose in the Army, and its advantages for the student. *\$10 fee.*

MILS 102. Introduction to the Profession of Arms, 1 hour, Spring

Cadets will learn how Army ethics and values shape the Army and the specific ways that these ethics are inculcated into Army culture. Cadets can expect to explore the seven Army Values, Warrior Ethos, explore the Profession of Arms, Army Leadership and critical communication skills. *\$10 fee.*

MILS 103. Physical Conditioning I, 1 hour, Fall

Introduction to physical fitness. Set and meet a physical fitness goal. Learn the principles of fitness and apply these principles to pass the Army Physical Fitness Test. Same as PE 013.

MILS 104. Physical Conditioning II, 1 hour, Spring

Progressive conditioning program. Army Physical Fitness Test is given as midterm and final. Same as PE 013.

MILS 201. Leadership and Decision Making, 2 hours, Fall

Primarily is drawing from the Adaptability ALA. The outcomes are demonstrated through Critical and Creative Thinking and the ability to apply Troop Leading Procedures (TLP). Comprehension of the officer's role in Leading Change by applying innovative Solutions to Problems in concert with the Principles of Mission Command. The Army Profession is also stressed through leadership forums and a leadership self-assessment. *\$10 fee.*

MILS 202. Army Doctrine and Team Development, 2 hours, Spring

Begins the journey to understand and demonstrate Cross-Cultural Competencies as they relate to Army doctrine and how they apply in a combatant commander's Engagement Strategies. Army Values, Teamwork, and Warrior Ethos and their relationship to the Law of Land Warfare and philosophy of military service are also stressed. The ability to lead and follow is also covered through Team Building exercises in small units up to squad level. Students are then required to apply their knowledge outside the classroom in a hands-on performance-oriented environment during Leadership Labs (team building exercises, LTXs, VBS exercises). *\$10 fee.*

MILS 203. Airborne Operations, 2 hours, Summer

Students who successfully complete this three week course at Fort Benning, Georgia are awarded the coveted Army Parachutist Badge. The course has three phases: Ground Week, Tower Week, and Jump Week. Students make five static line qualification parachute jumps during the third week from military cargo aircraft. The course is very physically demanding. To qualify, students must pass an Airborne Physical Readiness Test. **Prerequisite: U.S. Army ROTC Cadet status or permission of the Professor of Military Science.**

MILS 204. Airmobile Operations, 2 hours, Summer

Students who successfully complete this two week course at an Army post are awarded the prestigious Air Assault Badge. The course includes active participation in aircraft safety and familiarization in pathfinder techniques, airmobile insertions, basic rappelling and knots, advanced rappelling, helicopter rappelling, medical evacuation procedures and rigging/sling loading of rotary wing aircraft. Offered annually during the summer. **Prerequisite: U.S. Army ROTC Cadet status or permission of the Professor of Military Science.**

MILS 265. Master Fitness Trainer Course Internship, 2 hours, Summer

The Master Fitness Trainer Course (MFTC) trains selected Noncommissioned Officers (NCOs) and Commissioned Officers in all aspects of the Army's Physical Readiness Training (APRT) system so they can be unit advisors on physical readiness issues and monitor unit and individual physical readiness programs. The instruction includes the science of exercise, physical fitness assessment, exercise training principles, exercise prescription, exercise leadership, and development of individual and unit physical readiness programs in accordance with current Army doctrine and regulations.

MILS 300. ROTC Cadet Basic Camp, 6 hours, Summer

Four weeks of military training at Fort Knox, KY, to qualify for the ROTC Advanced course. Equal to first two years of the on-campus program. The Army pays housing, meals, travel expenses and a stipend (approximately \$700) for the period. ROTC scholarships available.

MILS 301. Training Management and the Warfighting Functions, 3 hours, Fall

Challenges cadets to study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. Cadets receive systematic and specific feedback on their leadership attributes values, and core leader competencies from instructor, other ROTC cadre, and MSL IV Cadets using the Cadet Officer Evaluation System (OES). **Prerequisite: MILS 202 or 300 or consent of Professor of Military Science. \$150 fee.**

MILS 302. Applied Leadership in Small Unit Operations, 3 hours, Spring

Builds on the lessons learned and leadership attributes gained and developed during MILS 301. This is an academically challenging course where Cadets will study, practice, and apply the fundamentals of Army Leadership, Officership, Army Values and Ethics, Personal Development, and small unit tactics at the platoon level. At the conclusion of this course, Cadets will be capable of planning, coordinating, navigating, motivating, and leading a squad and platoon in the execution of a mission during a classroom PE, a Leadership Lab, or during a Leader Training Exercise (LTX). **Prerequisite: MILS 202 or 300 or consent of Professor of Military Science. \$150 fee.**

MILS 303. ROTC Cadet Advance Camp, 4 hours, Summer

Five weeks of practical leadership application training, performed primarily in a field environment, at an Army installation between the junior and senior years. Nurses may attend a three week clinical phase in an Army hospital. The Army pays housing, meals, travel expenses and a stipend (approximately \$700) for the period. **Prerequisites: MILS 302 and consent of Professor of Military Science.**

MILS 304. Cadet Troop Leader Training, 3 hours, Summer

Assignment off-campus in an officer role with an active Army unit for three to five weeks in the summer after completion of the Leadership Development and Assessment Course. **Prerequisites: MILS 302 and 303 and consent of Professor of Military Science.**

MILS 305. Nurse Summer Training Program (NSTP), 2 hours, Summer

A three-week clinical experience for selected nurse cadets providing opportunities to develop and practice leadership skills in a clinical environment. Incorporates use of military, leadership, clinical nursing, administrative, and interpersonal skills. Will meet the 2 semester hour elective for nursing majors. Same as NURS 411. **Prerequisites: NURS 303 or permission of the Professor of Military Science.**

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MILS 306. Military Science Practicum I, 1 hours, Fall, Spring

Participation on the intercollegiate Ranger Competition Team, Carson-Newman Color Guard, Marksmanship Competition Team or other selected official Military Science regular, on-going, supervised activities. **Prerequisite: Enrollment in the ROTC Program and permission of the Professor of Military Science.**

MILS 307. Military Science Practicum II, 1 hour, Fall, Spring

Additional hands-on experience in military enrichment activities which contribute to the development of leadership and management such as the intercollegiate Ranger Competition Team, Carson-Newman Color Guard, Marksmanship Competition Team, Eagle Battalion Drill Team, and other selected official Military Science regular, on-going, supervised developmental activities. **Prerequisites: Enrollment in the ROTC Program and permission of the Professor of Military Science.**

MILS 401. The Army Officer, 3 hours, Fall

Develops cadet proficiency in planning, executing and assessing complex operations, functioning as a member of a staff, and providing performance feedback to subordinates. Cadets assess risk, make ethical decisions, and lead fellow Army ROTC cadets. They identify responsibilities of Key staff, coordinate staff roles, and use situational opportunities to teach, train and develop subordinates. **Prerequisites: MILS 302 and 303 and consent of Professor of Military Science. \$150 fee.**

MILS 402. Company Grade Leadership, 3 hours, Spring

Explores the dynamics of leading in the complex situations of current military operations in today's operational environment. Cadets examine differences in customs and courtesies, military law, principles of war and rules of engagement in the face of international terrorism. They also explore aspects of interacting with nongovernmental organizations, civilians on the battlefield and host nation support. The course places significant emphasis on preparing cadets for their unit of assignment. **\$150 fee.**

Music (MUS)

Applied Music, Fall, Spring, Summer

Literature, technique, and for voice students, diction, are taught through private lessons, recitals, and examinations. Course numbers which begin with 1 (e.g., MUS 150) are taken by non-music majors and freshman/sophomore music majors. Course numbers which begin with 3 (e.g., MUS 350) are taken by music majors who have achieved upper division status. Instruction for applied courses at the 100 and 300 level is offered as variable credit 1-3 hours for music majors only. Non-music majors may only enroll for one(1) credit hour per semester of instruction:

Piano	150, 350*
Organ	152, 352*
Voice	155, 355*
Guitar	157, 357*
Flute	161, 361*
Oboe	162, 362*
Clarinet	163, 363*
Bassoon	164, 364*
Saxophone	165, 365*
String Bass	167, 367*
Violin	168, 368*
Cello	169, 369*
Percussion	170, 370*
Trumpet	171, 371*
Horn	172, 372*
Trombone	173, 373*
Euphonium	174, 374*
Tuba	175, 375*

****May be taken more than once for credit.***

Fees for applied lessons for accompanists are based on number of minutes of weekly lesson and credit hours registered. Additional fees are required during the semester the student gives a recital. Fees for lessons range from \$180 to \$270 per semester and the recital fee is \$75 for a 30 minute recital and \$100 for a 60 minute recital.

MUS 010. Marching Band, 1 hour*

May count for PE credit.

MUS 011. Symphonic Winds, 1 hour*

Open to all students.

MUS 012. Wind Ensemble Brass, .5 hour*

Select instrumental ensemble. Admission by permission of instructor.

MUS 013. Jazz Ensemble, .5 hour*

Select instrumental ensemble. Admission by permission of instructor.

MUS 015. Wind Ensemble Woodwinds, .5 hour*

Select instrumental ensemble. Admission by permission of instructor.

MUS 016. Handbell Ensemble, .5 hour*

Small handbell ensemble. Admission by permission of instructor.

MUS 017. Piano Ensemble, .5 hour*

Students will be coached on standard literature for piano duet and for two pianos. Counts as ensemble credit for keyboard majors. Admission by permission of instructor.

MUS 018. Wind Ensemble Percussion, .5 hour*

Select instrumental ensemble. Admission by permission of instructor.

MUS 020. A Cappella Choir, 1 hour*

Mixed choral group. Admission by audition.

MUS 021. Men's Chorus, 1 hour*

Open to all students without audition.

MUS 022. Women Singers, 1 hour*

Open to all students without audition.

MUS 025. Small Choral Ensemble, .5 hour*

Redemption, auditioned vocalists and instrumentalists, repertoire of Contemporary Christian music, perform in area churches, chapel and for campus events.

MUS 026. Contemporary Ensemble Lab, .5 hour, Offered as needed

The Contemporary Ensemble Lab provides students hands-on, laboratory-based instruction where they can learn, teach, rehearse, and perform with groups intended to support worship with a local church congregation. **Prerequisites: Any two of the following - Keyboard Improvisation in Worship, Guitar, Percussion, or Voice.**

MUS 030. Lyric Theatre, 1 hour*

Music theatre/opera study through performance laboratory.

MUS 031. Orchestra, 1 hour, Fall, Spring

Admission by audition.

MUS 035. Instrumental Chamber Ensemble, .5 hour, Fall, Also Spring as needed*

Small to medium instrumental chamber ensemble and/or opera/theatre orchestra.

MUS 100. Beginning Music Theory for Majors, 3 hours, Fall

Studies in intervals, scales, key signatures, chords, notation, rhythm, ear training, and sight singing for music majors preparing to take MUS 111.

MUS 101. Class Piano, 1 hour

Beginning piano instruction for students with no previous skills. Emphasizes introductory music theory and chord playing.

MUS 102. Class Voice, 1 hour*

Beginning vocal instruction for the general student and secondary applied music students, instruction in posture, breathing, phonation, resonance, diction, and interpretation in a class setting.

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MUS 103, Class Piano I, 1 hour, Fall, Spring

Beginning piano instruction for music majors with limited prior study. Emphasizes development of functional skills, sight-reading, transposition, harmonization, improvisation, technique, and playing by ear. **Prerequisite: MUS 101 or instructor's consent.**

MUS 104, Class Piano II, 1 hour, Fall, Spring

Continuation of functional keyboard skills development; includes introductory hymn playing. **Prerequisite: MUS 103 or instructor's consent.**

MUS 105. Keyboard Improvisation in Worship, 1 hour, Offered as needed

Keyboard Improvisation teaches students to improvise comfortably at the keyboard from a lead sheet using a variety of styles and keys. In addition, students learn to transpose such charts. **Prerequisite: MUS 104 or instructor's consent.**

MUS 106. Class Guitar I, 1 hour, Fall

Beginning guitar instruction for students with little or no previous skills.

MUS 107. Class Guitar II, 1 hours, Spring

Intermediate guitar instruction. **Prerequisite: MUS 106 or instructor's consent.**

MUS 109. Foreign Language Diction, 3 hours, Offered as needed

Study of Italian, German, and French phonology for the singer, with intensive drills in pronunciation and the International Phonetic Alphabet.

MUS 111. Elementary Theory I, 3 hours, Fall

Fundamentals (notation of pitch and duration, scales, keys, modes, intervals, and chords), the structural elements of music (written and analyzed) including melodic organization, rhythm, texture, cadences, non-harmonic tones, voice leading in four part chorale writing, and basic composition.

MUS 112. Elementary Theory II, 3 hours, Spring

A continuation of the study of the structural elements of music through listening, analyzing, and writing harmonic progressions emphasizing the use of triads, seventh chords, secondary dominants, modulation, and basic composition. An introduction to basic binary and ternary form in music.

MUS 117. Sight Singing and Ear Training I, 1 hour, Fall

Rhythmic reading, interval and chord recognition, melodic and harmonic dictation; computer drill and testing. Two hours a week for one hour credit. **Prerequisite: Pass theory placement test or instructor's consent.**

MUS 118. Sight Singing and Ear Training II, 1 hour, Spring

A continuation of MUS 117 into more advanced levels of difficulty; computer drills. Two hours a week for one hour credit. **Prerequisite: MUS 117 or instructor's consent.**

MUS 133. Appreciation of Music, 3 hours, Fall, Spring, Summer

Develops an understanding of Western music as an artistic expression of human culture and intention. Information pertaining to music, composers/performers, listening, and historical context. May be applied to a music major or minor only as a substitute for MUS 135-136.

MUS 135. Introduction to Music History and Literature I, 1 hour, Fall

Introduction to major composers and styles before 1750. One lecture and one lab session per week for one hour credit.

MUS 136. Introduction to Music History and Literature II, 1 hour, Spring

Introduction to major composers and styles since 1750. Brief treatment of non-western and popular music. One lecture and one lab session per week for one hour credit.

MUS 140. Formation for Music Ministry, 1 hour, Fall

Formation for Music Ministry is an introduction to ministry vocations in music including the investigation of person commitment and preparation for ministry, roles and responsibilities of the leader, and an overview of historical and Biblical foundations for ministry.

MUS 141. Contemporary Worship Leadership, 1 hour, Spring

Contemporary Worship Leadership is an introduction to leading contemporary worship, worship planning, and a Biblical and theological basis for Christian corporate worship.

MUS 203. Class Piano III, 1 hour, Fall, Spring

Development of more advanced keyboard skills; emphasis on scales, score reading, hymn playing, and improvisation. **Prerequisite: MUS 104 or instructor's consent.**

MUS 204. Class Piano IV, 1 hour, Fall, Spring

Final course in the class piano sequence for non-keyboard music majors. Designed to prepare music majors for the comprehensive piano proficiency exam. **Prerequisite: MUS 203 or instructor's consent.**

MUS 205. Class Piano V, 1 hour, Offered as needed

Practical skills including score reading, harmonization, playing by ear; hymn playing, improvisation and transposition. Required for all BM keyboard majors.

MUS 206. Class Piano Laboratory, .5 hour*

Remedial preparation for the keyboard proficiency test. Open only to music majors. S/F grading.

MUS 211. Advanced Theory I, 3 hours, Fall

Counterpoint; advanced tonal harmony; keyboard harmony; variation form; computer applications in music and basic composition.

MUS 212. Advanced Theory II, 3 hours, Spring

Sonata and rondo forms; analysis of late 19th and 20th century music; computer applications in music and basic composition.

MUS 217. Sight Singing and Ear Training III, 1 hour, Fall

Sight-singing and rhythm reading; melodic and harmonic dictation; computer assisted ear-training. Two hours a week for one hour credit.

MUS 218. Sight Singing and Ear Training IV, 1 hour, Spring

Progressively more difficult sight-singing and rhythmic reading; melodic, harmonic, and two-part dictation; computer assisted ear training. Two hours a week for one hour credit.

MUS 219. Composition I, 1-3 hours, Fall, Spring

Private instruction in music composition. Public performance on composition recital in spring semester. Does not substitute for theory courses. May be taken more than once for credit. **Prerequisite: MUS 112 and instructor's consent.**

MUS 230. Accompanying Seminar, 1 hour, Offered as needed

Piano students are coached on standard accompanying literature for both vocalists and instrumentalists. May be repeated once for credit.

MUS 240. Instrument Studies, 2 hours, Fall

Designed to help music majors gain basic functional knowledge of stringed, percussion, brass, and woodwind instruments. Required for Music Education, Vocal/General majors.

MUS 241. Percussion Methods and Literature, 2 hours, Spring odd years

Teaching percussion instruments including studies in pedagogy, health, and literature.

MUS 242. Woodwind Methods and Literature, 2 hours, Fall odd years

Teaching woodwind instruments including studies in pedagogy, health, and literature.

MUS 246. Brass Methods and Literature, 2 hours, Spring even years

Teaching brass instruments including studies in pedagogy, health, and literature.

MUS 248. Marching Band Drill Writing Techniques, 1 hour, Fall

This course teaches skills required to develop and create high school marching band show designs, utilize the drill writing software Pyware 3D, and develop marketable skills as a freelance drill writer and entrepreneur.

MUS 249. Music and Sound Technology, 1 hour, Spring

To provide the basic knowledge of how and why to use sound and video equipment to enhance church services. An emphasis will be placed on sound reinforcement of music and video technologies for use during singing.

MUS 321. The Songs of the Church, 3 hours, Offered as needed

Historical survey of Christian hymns of all periods. The emphasis will be on historical context and current use.

MUS 322. Christian Worship Practices, 2 hours, Offered as needed

Introduction to worship practices through reading, examination of worship materials, visits to churches and resource personnel.

MUS 325. Church Music Leadership (with Internship), 3 hours, Offered as needed

Administration and organization of the church music program. The course will include an internship.

MUS 341. General Music Education: Elementary, 3 hours, Spring

Designed for elementary teachers with a basic orientation to the purposes and content of music instruction in elementary schools and the opportunity to develop, improve, and apply teaching strategies to music instruction for the elementary classroom. Intended for non-music majors.

MUS 342. Vocal Pedagogy, 3 hours, Offered as needed

Vocal teaching techniques.

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MUS 343. Instrumental Music Methods, 2 hours, Fall

Organizational structure of the public school music program. Materials and techniques for orchestra, concert and marching band. Includes in-school practicum.

MUS 345SL. Teaching Music Methods, 2 hours, Fall

Designed to provide K-12 music teachers with an orientation to classroom management, assessment, curriculum design and implementation and to give opportunity to develop, improve, and apply teaching strategies to music instruction in the various K-12 music settings. Intended for music majors. A 25-hour in-school practicum is required. **Prerequisite: Admission to the Teacher Education Program.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

MUS 346. String Methods and Literature, 2 hours, Fall even years

Teaching stringed orchestral instruments including studies in pedagogy, health, and literature.

MUS 347. Piano Pedagogy I, 3 hours, Offered as needed

Survey of current methods and materials for teaching pre-school, elementary, and early intermediate piano students. Pedagogical approaches to teaching rhythm, reading, technique, memorization, ornamentation, and musicality will be considered. Includes supervised teaching.

MUS 348. Electronic Music Methods, 2 hours, Spring even years

Production and manipulation of musical sounds by synthesizers and computers. **Prerequisite: MUS 112 or instructor's consent.**

MUS 349. Piano Pedagogy II, 3 hours, Offered as needed

A continuation of MUS 347. Focuses on late intermediate, advanced, and group piano pedagogical approaches. Includes supervised teaching.

MUS 385. German/Austrian Music and Culture, 3 hours, Mayterm

Cultural and musical enrichment through travel, study, and immersion programs in Germany, Austria, and Hungary. While musical culture is the primary focus of the program, students will be exposed in art, architecture, history, religion, German language, and lifestyle.

MUS 411. Form and Analysis, 3 hours, Fall even years

An analytical study of musical form, from phrase structure through the large forms of theme and variation, rondo, sonata form, and fugue.

MUS 413. Counterpoint, 3 hours, Fall odd years

Contrapuntal technique of the sixteenth and eighteenth centuries.

MUS 415. Instrumentation, 2 hours, Spring

Methods of scoring music for instrumental ensembles.

MUS 416. Senior Project in Music Theory, 3 hours, Offered as needed.

A detailed analytical study of a major musical composition. For Music Theory majors.

MUS 419. Composition II, 1-3 hours, Fall, Spring

Private instruction in music composition for upper-level students. Public performance on composition recital in spring semester. Does not substitute for theory courses. May be taken more than once for credit. **Prerequisites: MUS 211 and 212 and instructor's consent.**

MUS 431. History of Music I, 3 hours, Fall

The development of western music from the early Christian era through 1750. **Prerequisites: MUS 211 and 212 or instructor's consent.**

MUS 432. History of Music II, 3 hours, Spring

The development of western music from 1750 through the twentieth century. **Prerequisites: MUS 211 and 212 or instructor's consent.**

MUS 435. Song Literature, 3 hours, Offered as needed

Study of Italian, German, French, and English art song repertoire from 1600 through modern English and American composers, individual song analysis as well as broader study of composers' compositional traits and connections with poets.

MUS 436. Wind Literature, 3 hours, Offered as needed

Basic wind solo and chamber music literature from the Baroque to the present.

MUS 437. Percussion Literature, 3 hours, Offered as needed

Basic percussion solo and chamber music literature from the Baroque to the present.

MUS 440. Instrumental Pedagogy, 3 hours, Offered as needed

Supervised teaching experience (private or preparatory students).

MUS 441. Methods and Techniques of Conducting, 2 hours, Fall

Techniques of conducting choral and instrumental groups.

MUS 442. Advanced Conducting, 2 hours, Spring

Development of advanced conducting techniques.

MUS 443. Teaching General Music Education K-8, 3 hours, Fall

This course provides prospective music educators with a basic orientation to the purposes and content of general music instruction in K-8 school settings and gives opportunity to develop and improve theoretical and philosophical teaching strategies to music instruction for use in the K-8 classroom. This course is intended for music majors.

MUS 445. Teaching Choral Methods, 2 hours, Fall

Materials and technique for teaching choral music on the secondary level. A 25-hour in-school practicum is required.

MUS 446. Piano Literature I, 3 hours, Offered as needed

A study of the history of keyboard music from the Renaissance through the Classical period. Major works and composers will be emphasized, tracing the development of idiomatic keyboard styles and formal structures.

MUS 447. Piano Literature II, 3 hours, Offered as needed

Continuation of MUS 446. A study of the history of piano music from the Romantic period to the present. Major works and composers will be emphasized within a historical and stylistic context.

MUS 449. Instrumental Maintenance and Repair, 2 hours, Offered periodically

Lab course for instrumental music majors.

MUS 460. Supervised Field Work in Church Music, 1 hour, Fall, Spring

Supervised practical experience in church music. Student must work in a church situation as a director or accompanist, or in a capacity approved by the supervising professor. Periodic reports and plans are required.

MUS 461. Senior Seminar for BA in Music, 1-3 hours (variable credit), Each semester as needed

This course will include the investigation of relevant after graduation possibilities and resume development. Assignments that facilitate synthesis of the student's college experiences. All appropriate testing for the purpose of Liberal Arts Core Requirements and program assessment.

MUS 465. Student Teaching: Placement One, 5 hours, Fall, Spring

Observation, participation, and teaching under professional supervision. Must provide proof of liability insurance. **Corequisites: EDUC 463 and 467. Prerequisites: Admission to the Teacher Education Program and Student Teaching Semester. \$100 fee.**

MUS 467. Student Teaching: Placement Two, 5 hours, Fall, Spring

Observation, participation, and teaching under professional supervision. Must provide proof of liability insurance. **Corequisites: EDUC 463 and 465. Prerequisites: Admission to the Teacher Education Program and Student Teaching Semester. \$100 fee.**

Nursing (NURS)

NURS 202. Health Assessment, 3 hours (2 lecture, 3 clinical), Fall, Spring, Summer as needed

Study and application of concepts and skills necessary for holistic health assessment of clients. **Acceptance into nursing major. Non-majors need instructor approval. \$15 fee.**

NURS 203. Pharmacology, 3 hours, Fall, Spring, Summer as needed

Introduction to nursing responsibilities related to administration of broad classifications of drugs. **Acceptance into nursing major. Non-majors need instructor approval.**

NURS 209. Wellness for the 21st Century, 2 hours, Spring

Trends and issues in wellness will be studied. Students will develop and implement a self-wellness plan. Laboratory experiences will involve service, research, or teaching activities. Appropriate for non-nursing majors. No prerequisites. Open to any student at Carson-Newman University.

NURS 212. Fundamentals of Nursing Practice, 6 semester hours (4 lecture, 6 clinical), Fall, Spring, Summer as needed

An introduction to the foundational skills of professional nursing practice based on the metaparadigm of person, environment, health, nursing, and caring. Focus is placed on caring for the individual with alteration in functional health patterns. **Prerequisites: Acceptance into nursing major. Corequisites: NURS 202, and 203. \$456.50 fee.**

202 Nursing Courses

NURS 217SL. Health Care for the Elderly, 2 hours, Fall, Spring, Summer as needed

A study of the health care needs specific to the elderly population. Appropriate for non-nursing majors. **Prerequisite:** Acceptance into nursing major. **Non-majors need instructor approval.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

NURS 302. Introduction to Altered Health States, 4 hours, Fall, Spring

A conceptual approach and analysis of pathophysiological phenomena and human responses to altered health states in the adult. **Prerequisites:** NURS 202, 203, 212, and 217. **Non-majors need instructor approval.**

NURS 303. Health Pattern Alterations in Adults, 8 hours (4 lecture, 12 clinical), Fall, Spring

Application of caring actions that focus upon the use of critical thinking and clinical decision making in professional nursing practice, in the facilitation of health in adult clients with alterations in health patterns. **Prerequisites:** NURS 202, 203, 212, and 217. **Corequisite:** NURS 302. **\$288 fee.**

NURS 307. Child Health Patterns, 5 hours (3.5 lecture, 4.5 clinical), Spring, Summer

Theory and application of concepts of nursing care are related to the needs of clients from infancy through adolescence and recognize the child as a integral member of the family unit. Caring actions focus upon the use of the nursing process to promote a caring environment for pediatric clients and families. **Prerequisites:** NURS 302 and 303. **\$72 fee.**

NURS 308. Mental Health Nursing, 5 hours (3.5 lecture, 4.5 clinical), Fall, Spring

Professional mental health nursing roles are implemented through caring constructs, communication skills, and therapeutic milieu. **Prerequisites:** NURS 302 and 303.

NURS 311. Cooperative Approaches to Palliative Care, 2 hours, Spring

A survey of multidisciplinary trends, theory and issues specific to palliative care. Appropriate for nursing and non-nursing majors at the junior and senior level. Other pending instructor approval.

NURS 315. Foundations of Nursing Research, 3 hours, Fall, Spring

Fundamentals of research methods are studied and published research findings are critiqued for potential use in nursing practice. Students, working in groups, will devise a research miniproposal for an identified problem in clinical nursing. **Prerequisites:** NURS 303 and MATH 201.

NURS 320. Special Topics for ROTC Nursing, 1-2 hours, Summer

Focuses on issues related to being a Second Lieutenant in the Army Nurse Corps.

NURS 330. Elder Care Clinical Intensive, 2 hours (.5 class, 1.5 clinical), Mayterm

This clinical intensive experience is designed to promote the proficiency of nursing skills utilized when caring for the elderly population. The experience will also provide the nursing student with additional insight into the management issues related to elder care. Practicum experiences will take place at a variety of agencies that provide elder care services. **Prerequisite:** Completion of sophomore level nursing courses.

NURS 331. Nursing Informatics, 3 hours, Fall, Spring

This online course integrates nursing science with computer technology and information science to identify, collect, process, and manage information. Emphasis is on technology based health applications which support administrative, clinical, research, and educational decision making. **Prerequisite:** Completion of sophomore level courses.

NURS 404SL. Community Health Nursing, 5 hours (3 lecture, 6 clinical), Fall, Spring as needed

Application of nursing's metaparadigm with a variety of populations, individuals, families, groups and communities. Development of nursing strategies to assist multi-cultural clients throughout the lifespan. The clinical focus is the role of the community health nurse. **Prerequisites:** NURS 303, 307, and either 308 or 413. **\$10 fee.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

NURS 405. Leadership and Management, 6 hours (3 lecture, 9 clinical), Spring, Senior Capstone Course

Selected theories of management and leadership focusing on the integration of these systems with application of clinical decision making to client care management within the health care system using professional standards of client care. **Prerequisites:** NURS 302, 303, 307, 308, 404, and 413. **Corequisite:** NURS 412, 414, and 315 (repeat students only).

NURS 410. Nursing Care of the High-Risk Neonate, 2 hours, Fall

Focuses on the nursing management of the neonate at risk. **Prerequisite:** NURS 307 or NURS 413.

NURS 411. Nurse Summer Training Program (NSTP), 2 hours, Summer

A three-week clinical experience for selected nurse cadets which provides opportunities to develop and practice leadership skills in a clinical environment. Incorporates use of military, leadership, clinical nursing, administrative, and interpersonal skills. Will meet the 2 semester hour elective requirement for nursing majors. Same as MILS 305. **Prerequisites:** ROTC cadet; NURS 303.

NURS 412. Dimensions of Professional Nursing, 3 hours, Spring

A synthesis of current and projected trends in nursing practice, education, and research with focus on legal, ethical, social and legislative issues, which have implications for professional nursing practice. NCLEX-RN preparation included. **Prerequisite:** NURS 302, 303, 307, 308, 404 and 413. **Corequisite:** NURS 405, 414, and 315 (repeat students only). *\$647 fee.*

NURS 413. Childbearing Health Patterns and Alterations, 5 hours (3.5 lecture, 4.5 clinical), Fall, Summer

Integration of the metaparadigm of person, environment, health, nursing, and caring to childbearing women, their infants, and family. Promotion of positive client health through caring behaviors and roles is emphasized. **Prerequisites:** NURS 302 and 303.

NURS 414. Complex Health Pattern Alterations, 6 hours (3 lecture, 9 clinical), Spring

Integration of caring actions that focus on the use of critical thinking and clinical decision making in professional nursing practice. Clinical focus is on the facilitation of health in the client with complex health pattern alterations. **Prerequisite:** NURS 302, 303, 307, 308, 404 and 413. **Corequisite:** NURS 405, 414, and 315 (repeat students only). *\$10 fee.*

NURS 415. Women's Health Issues, 2 hours, Offered as needed

Survey of current issues that affect the holistic health of women. **Prerequisite:** junior/senior or instructor permission.

NURS 416. International Health Perspectives, 2 hours, Offered as needed

Seminar with interdisciplinary approach to exploring various health care delivery systems, agencies, and selected problems impacting world health.

NURS 417. Multicultural Practicum, 1-3 hours, Offered as needed

Supervised practicum (at least 30 hours) within a cultural setting that is different from the student's dominant/birth culture. Repeatable to a maximum of 4 hours.

NURS 418. Health Care Ethics, 2 hours, Spring

Integration of health care decisions in light of core ethical principles/terms as well as exploration of the ethical code of conduct and standards for nurses and other health care professionals.

NURS 419. Nursing Leadership for ROTC, 6 hours (3 lecture, 9 clinical), Spring, Senior Capstone Course

Selected theories of leadership and management will be examined as the basis for duties, roles, and responsibilities of a professional nurse and military officer. Clinical focus will be delivery of care to a group of clients on a medical-surgical nursing unit. **Prerequisites:** NURS 302, 303, 307, 308, and MILS 401.

NURS 432. NCLEX Success Prep, 1 hour, Fall

This course is designed to assist senior nursing students in preparing for the NCLEX-RN licensure exam. The course focuses on current NCLEX-RN test plan and students' identified learning needs. **Corequisite:** NURS 404.

Philosophy (PHIL)

PHIL 101. Introduction to Philosophy and Critical Thinking, 3 hours, Fall, Spring

Studies the principles of critical thinking in the context of classical philosophical and contemporary social and moral issues.

PHIL 204. Principles of Logic and Science, 3 hours, Spring odd years

Studies the principles of symbolic (sentential) logic, categorical logic, and elementary quantification theory. These exercises in deduction will be set over against induction as seen in the activities of science.

PHIL 301SL. Christian Ethics, 3 hours, Spring

Critically examines the biblical, historical, and theological principles of moral value. Attention will be given to ethical theory and Christian moral values as they derive from the Bible. Same as REL 301SL. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PHIL 303. Ancient Philosophy, 3 hours, Fall even years,

Focuses on the beginnings of Western thought in a survey of the Presocratics, Plato, Aristotle, and Greek and Roman philosophy.

PHIL 304. Medieval Philosophy, 3 hours, Spring odd years

Studies the principal thinkers of the medieval period, including Augustine, Boethius, Anselm, Avicenna, Aquinas, Ockham, and others.

PHIL 305. Modern Philosophy, 3 hours, Fall odd years

Examines Western thought from the Renaissance through Hegel with special attention to the Continental Rationalists and the British Empiricists.

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PHIL 306. Contemporary Philosophy, 3 hours, Spring even years

Examines the philosophical movements which shape the contemporary Western mind. Special emphasis will be made upon engaging the student in the ongoing philosophical process.

PHIL 321. Religion and Science, 3 hours, Spring even years

A topical and historical study of the philosophical issues surrounding the relationship between the Christian religion and modern science. The tools of philosophy, especially philosophy of science, will be used to address salient points of intersection between Christianity and science in modern times.

PHIL 400. Teaching Assistantship, 1-3 hours, Fall, Spring

Engages the senior philosophy student in one-on-one tutoring and other activities with underclassmen. Requires departmental invitation.

PHIL 401. Problems of Philosophy, 3 hours, Once every 2-3 years

Examines a selected intellectual problem for its philosophical dimensions. Metaphysical and epistemological issues are given priority.

PHIL 402SL. Philosophy of Religion, 3 hours, Fall

Surveys the engagement of philosophy with religion, with focus upon religious experience, “proofs” of God’s existence, religious language, miracles, life after death, and associated topics. **Prerequisites: PHIL 101 or instructor’s consent.** Same as REL 402SL. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PHIL 403. Aesthetics, 3 hours, Once every 2-3 years

Critically examines the artistic enterprise and seeks to develop a coherent set of principles which attend the person and work of the artist, the art object, and the art audience. Several contemporary theories of art will be examined. **Prerequisite: PHIL 101 or instructor’s consent.**

PHIL 404. Nonwestern Religious Thought, 3 hours, Fall even years

Examines the conceptual component in various Eastern religions. The student will read extensively from the sacred writings of these religions. Comparative studies will be encouraged. **Prerequisite: PHIL 101 or instructor’s consent.** Same as REL 404.

PHIL 410. Philosophy Colloquium, 1 hour, Spring

Intensely examines selected works of a significant philosopher in a colloquium setting. All philosophy professors will be involved, as well as faculty members from other departments, as appropriate. May be repeated for credit.

Physical Education (PE)

PE 008. Emergency Life Sustaining Skills, 1 hour

Emergency measures in choking, poisoning, bleeding, etc.; CPR and rescue skills. Instructor approval required.

PE 009A. Fencing, 1 hour - May be repeated for up to 4 credits.

PE 010. Golf, 1 hour - May be repeated for up to 2 credits.

PE 012. Hiking/Backpacking, 1 hour - May be repeated for up to 2 credits. *\$40 fee.*

PE 013. Physical Conditioning, 1 hour - May be repeated for up to 4 credits.

PE 016. Open Water Scuba Diving, 2 hour - May be repeated for up to 4 credits. *\$250 fee plus purchase of fins and mask is required.*

PE 018. Leisure Activities, 1 hour - May be repeated for up to 4 credits.

PE 020. Self Defense (enrollment restricted to women), 1 hour credit. *\$20 fee.*

PE 021. Pickle Ball, 1 hour - May be repeated for up to 2 credits.

PE 025. Swimming, 1 hour - May be repeated for up to 2 credits.

PE 026. Yoga for Health, 1 hour - May be repeated for up to 2 credits.

PE 028. Tennis, 1 hour - May be repeated for up to 4 credits.

PE 030. Volleyball, 1 hour - May be repeated for up to 2 credits.

PE 031. Beach Volleyball, 1 hour - May be repeated for up to 2 credits.

Introductory course designed to teach the fundamental techniques of volleyball including forearm passing, overhead passing (setting), serving, blocking and other defensive skills. Rules and strategies of beach volleyball to improve gameplay awareness will be covered.

PE 032. Weight Training, 1 hour - May be repeated for up to 2 credits.

PE 037. Lifeguard Training, 2 hours

Preparation for and implementation of a lifeguard system at swimming pools and non-surf open water beaches.

PE 038. Fitness Swimming, 1 hour

Must be able to swim. Not for beginners. May be repeated for up to 2 credits.

PE 040. Racquetball, 1 hour - May be repeated for up to 2 credits.

PE 046. Fitness, Core, Barre, 1 hour - Fitness ballet, dynamic stretching, and core work are used to challenge students to firm and strengthen core, glutes, arms, and leg muscles through controlled, precise movements, improving overall conditioning.

PE 047. Country Line Dancing, 1 hour - May be repeated for up to 2 credits.

PE 048A. Judo, 1 hour

PE 050. Horsemanship, 1 hour - May be repeated for up to 2 credits.

- PE 052. Beginning Kayaking, 1 hour. \$40 fee**
PE 054. Speed Training, 1 hour
PE 055. Racket Sports, 2 hours, Fall, Spring
 This activity course provides the opportunity for students to develop skills, tactics/strategy, knowledge, and personal/social behaviors to participate in badminton and pickleball.
PE 056. Rock Climbing and High Course Management, 2 hours - May be repeated for up to 2 credits.

Varsity athletes, cheerleaders, and dance team members may elect to receive one hour credit each year for participation in these activities. Maximum credit for any student is four hours. Such credit is elective and graded as satisfactory/fail only and does not count toward any major or requirement except as elective hours. Credit is available as follows:

- PE 070. Varsity Baseball, 1 hour**
PE 071. Varsity Basketball, 1 hour
PE 072. Varsity Football, 1 hour
PE 073. Varsity Golf, 1 hour
PE 074. Varsity Soccer, 1 hour
PE 075. Varsity Softball, 1 hour
PE 076. Varsity Tennis, 1 hour
PE 077. Varsity Track and Field, Cross Country, 1 hour
PE 078. Varsity Volleyball, 1 hour
PE 080. Varsity Cheerleading, 1 hour
PE 081. Dance Team, 1 hour
PE 082. Varsity Swimming, 1 hour
PE 083. Varsity Sand Volleyball, 1 hour
PE 084. Varsity Fishing, 1 hour

PE 101. Introduction to Physical Education, 1 hour, Fall

A survey of the basic concepts of the academic disciplines that comprise physical education.

PE 102. History and Philosophy of Physical Education, 1 hour, Fall

An overview of the history and philosophy of physical education from the Greek civilization to the present.

PE 200. Personal Training Methods, 3 hours, Spring

Students will understand the foundational knowledge and skill development to become a certified personal trainer. Students will learn to develop and administer programs designed to enhance muscular strength, endurance, flexibility, cardio-respiratory fitness, and body composition. Client motivation and exercise adherence is addressed also. This course is designed to prepare students for the nationally recognized Certified Personal Trainer (CPT) exam by the American College of Sports Medicine (ACSM). The CPT exam will serve as the final exam for the course. **Prerequisite: C or better in BIOL 207.**

PE 202. Principles of Coaching, 2 hours, Spring

Survey of principles of coaching with emphasis on coaching philosophy, sport psychology, sport pedagogy, sport physiology and sport management.

PE 209. Athletic Performance and Wellness, 2 hours, Summer

A holistic approach to health and lifetime wellness is explored as students learn various exercise modalities in addition to physical, mental, social, and emotional components critical for living a healthy life.

PE 210. Coaching Football, 2 hours, Summer

Skills, techniques, strategy, and administrative responsibilities in coaching football.

PE 212. Coaching Basketball, 2 hours, Summer

Teach the technical and tactical skills of basketball and develop strategies to be a better leader and coach. Students will develop season and practice plans and learn strategies and skill technique appropriate for coaching basketball.

PE 214. Coaching Track and Field, 2 hours, Summer

Course includes all facets of coaching Track and Field, technologies of Track and Field, equipment considerations, organization and administration responsibilities, various techniques in running, jumping and throwing events, coaching from an official's perspective, and flexibility and weight training programs.

PE 233. Officiating Athletics, 2 hours, Fall, Spring

Students will learn methods and rules pertinent to officiating in athletics including basketball, volleyball, baseball, and football. In addition to the procedures and rules, students will learn methods to respond to applicable adverse and volatile situations. Career opportunities and methods for certification will be covered.

206 Physical Education Courses

PE 235. Coaching Techniques in Strength Training and Conditioning, 3 hours, Offered periodically

Course will assist with the necessary skills and knowledge to establish and coach a weight training program at the secondary school level.

PE 247. Principles in Physical Therapy, 2 hours, Offered periodically

The career of physical therapy is explored including the history, laws, code of conduct, role, and practices within the profession. Students will learn appropriate foundational methods for rehabilitative practices.

PE 300. Teaching Assistantship, 1-3 hours, Fall, Spring

Assist with preparation for and management of physical education courses. **Prerequisite: Department chair's consent.**

PE 302SL. Teaching Health and Physical Education in Elementary School, 3 hours, Fall

Teacher methodology for developmentally appropriate K-5 physical education and health. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PE 303. Teaching and Assessment in Rhythmic Movement and Educational Gymnastics, 3 hours, Spring

Students will learn planning, organizing, assessment, and teaching activities for children's rhythmic movement and educational gymnastics. Scope, content, and skill practice will be explored.

PE 308. American Red Cross Water Safety Instructor Training, 3 hours, Offered periodically

Preparation for teaching swimming and waterfront safety. **Prerequisite: Advanced swimming skills.**

PE 310. Sports Administration, 3 hours, Offered periodically

Principles and methods of athletic administration. Topics include: Duties and Responsibilities of Administrators, Management of Personnel and Resources, and Contemporary Issues.

PE 311SL. Sport as Mission, 3 hours, Fall even years

Students will understand sport as a Christian mission. Coaching, athletic management, and recreation are explored in light of a Christian worldview. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PE 318. Practical Skills for Professionals in Sport and Recreation Management, 3 hours, Fall odd years

Students will understand technical and managerial skills necessary for individuals managing teams, organizations, and facilities pertaining to athletics and recreation. Components include scheduling, budget creation, risk managements, human resources, programming logistics, and facility administration. **Prerequisite: junior/senior standing or instructor's consent.**

PE 320. Special Topics in Physical Education, 1-3 hours, Offered as needed

A wide variety of topics in physical education, movement pedagogy, and education methods are explored in this contemporary research and special topics course. Relevant issues including conditioning, nutrition and supplementation, and biomechanics are analyzed. **Prerequisite: junior/senior standing or instructor's consent.**

PE 335. Ethical Consideration in Sport, 3 hours, Fall odd years

Students will understand decision making and ethical dilemmas in sport. Varied ethical perspectives are analyzed through the conflicts presented in sports-related questions. Course readings and lectures examine the theoretical constructs of ethical decision-making. Throughout this course, students develop their own sport philosophy and ethical standards regarding sport. **Prerequisites: PE major, junior level standing or instructor's consent.**

PE 360SL. Teaching and Assessment of Individual and Dual Sports, 3 hours, Spring

Pedagogy of individual and dual sports is learned as students learn and practice teaching and assessment for a variety of sport and leisure activities. **Prerequisites: PE major.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PE 361SL. Teaching and Assessment of Team Games and Leisure Activities, 3 hours, Fall

Pedagogy of team games and leisure activities is learned as students learn and practice teaching and assessment for a variety of sport and leisure activities. **Prerequisites: Junior/senior standing or instructor's consent.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PE 402. Human Motor Learning and Performance, 3 hours, Fall

The study of theory of how humans coordinate and control human movement and the application of that theory for teaching motor skills to include memory, attention, feedback, practice schedules, and transfer are explore. **Prerequisites: junior/senior standing or instructor's consent.**

PE 403. Teaching Physical Education and Wellness in the Secondary School, 3 hours, Fall odd years

Teacher methodology for 6-12 physical education and wellness. Students will need to pay for and pass the Praxis health exam for successful completion of this course. **Prerequisite: Admission into Teacher Education Program I. \$75.00 fee.**

PE 404. Measurement and Evaluation, 3 hours, Offered periodically

Selection and administration of PE related tests. Interpretation and communication of results.

PE 406. Motor Development, 3 hours, Spring even years

The course focuses on skill acquisition and performance at various developmental stages throughout the lifespan. This developmental approach emphasizes how motor behavior is influenced by the integration of psychological, sociological, cognitive, biological, and mechanical factors.

PE 407SL. Adapted Physical Education, 3 hours, Spring

Design and implementation of adaptations to meet the needs of disabled children and adults. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PE 408. Sport Mechanics, 3 hours, Spring odd years

Concepts of mechanics are explored as related to human movement, exercise, sport, and physical activity. The mechanical and anatomical principles are applied so students develop the ability to analyze movement.

PE 440. Policy and Risk Management in Sport and Recreation, 3 years, Fall odd years

A thorough understanding of policy issues pertaining to athletics and recreation is developed in this course. This course provides an analysis of risk management strategies essential for safe and effective sport and recreation settings. **Prerequisites: Junior standing and instructor's consent.**

PE 469. Exercise, Recreation, and Sport Sciences Internship, 3-6 hours, Fall, Spring, Summer

Students will have had a leadership opportunity through assigned work experience. The teacher works with the cooperating institution to develop a learning experience beneficial to the specific student needs. A supervisor/mentor facilitates specific assignments and participates in a final evaluation supported by journal and portfolio. **Prerequisite: Department chair's consent.**

Physics (PHYS)

PHYS 100. Physics in Everyday Life, 3 hours, Offered periodically

An introduction to a variety of principles of physics that have applications to everyday life. Intended for non-science majors. Two lectures and one two-hour lab a week.

PHYS 101. Physics of Musical Sound, 3 hours, Offered periodically

An investigation of variety of fundamental physics principles and their application to the production, transmission and perception of sounds. Primarily intended for music majors and students with some music experience. Two lectures and one two-hour lab a week.

PHYS 102. Basic Physics and Astronomy, 3 hours, Offered periodically

An introduction to the major concepts and principles of physics and astronomy. Intended primarily for students pursuing licensure in K-8 education. Not open to students who have taken either PHYS 100 or 110. Two lectures and one two-hour lab per week.

PHYS 103. General Physics I, 4 hours, Fall

An application of physical principles, logic, and mathematical examination to understanding motion. Topics include forces, collisions, momentum, energy, rotations, fluids, and heat. Three lectures and one three-hour lab a week. **Prerequisite: MATH 120 or ACT math score of 24 or higher, or instructor's consent. \$30.00 lab fee.**

PHYS 104. General Physics II, 4 hours, Spring

A continuation of PHYS 103, focusing on the nature of sound and light, electromagnetic phenomena, and optics. Three lectures and one three-hour lab a week. **Prerequisite: PHYS 103. \$30.00 lab fee.**

PHYS 110. Elementary Astronomy, 3 hours, Offered periodically

A survey of the tools and techniques of astronomy, our solar system, the stars, galaxies, and the structure of the universe. For non-science majors. Two lectures and one lab a week.
\$30 lab fee.

PHYS 201. Principles of Physics I, 4 hours, Fall

An application of physical principles, logic, and calculus to understanding motion. Topics include forces, collisions, momentum, energy, rotations, fluids, and heat. Three lectures and one three-hour lab a week. **Pre- or Corequisite: MATH 151. \$30.00 lab fee.**

PHYS 202. Principles of Physics II, 4 hours, Spring

A continuation of PHYS 201, focusing on the nature of sound and light, electromagnetic phenomena, and optics. Three lectures and one three-hour lab a week. **Prerequisite: PHYS 201. \$30.00 lab fee.**

208 Physics Courses

PHYS 301. Electronics, 4 hours, Offered periodically

A study of electronic circuits and the nature of modern instruments commonly used in scientific labs. Topics include integrated circuits, analog and digital electronics, and microcontrollers. Three lectures and one three-hour lab a week. **Prerequisites:** PHYS 202 and MATH 152. *\$30.00 lab fee.*

PHYS 302. Electrodynamics, 3 hours, Spring odd years

An intermediate treatment of classical electricity and magnetism, including the use of vector calculus. Topics include fields, potentials, electromagnetic waves, and Maxwell's equation. **Prerequisites:** PHYS 202 and MATH 152.

PHYS 304. Thermodynamics, 3 hours, Fall even years

A study of gases, liquids, and solids, as well as an introduction to atomic and molecular structure. **Prerequisites:** CHEM 104 and MATH 152; **corequisite:** PHYS 314. Same as CHEM 401.

PHYS 307. Modern Physics, 3 hours, Fall odd years

A course covering Einstein's theory of special relativity, atomic physics, and elementary particles. **Prerequisite:** PHYS 202. Same as CHEM 403.

PHYS 308. Quantum Mechanics, 3 hours, Spring even years

A mathematical formulation of elementary quantum theory and its application to atoms and solids. **Prerequisite:** PHYS 307.

PHYS 313. Nuclear Physics, 3 hours, Offered periodically

An introduction to nuclear and elementary-particle physics. Topics covered typically include: nuclear models, radioactivity, nuclear reactions, fission, fusion, nuclear energy, nuclear weapons, and elementary particles. **Prerequisite:** PHYS 307 or instructor's consent.

PHYS 314. Thermodynamics Laboratory, 1 hour, Fall even years

Laboratory to accompany PHYS 304. Topics include gases, thermodynamics and phase equilibria. One three-hour lab a week. **Corequisite:** PHYS 304. Same as CHEM 415.

PHYS 318. Experimental Physics, 2 hours, Spring even years

A lab course designed to give students an understanding of data collection, experimental procedures, and analysis techniques. Both modern and classical experiments will be conducted. One lecture and one two-hour lab per week. **Prerequisite:** PHYS 202. *\$30.00 lab fee.*

PHYS 320. Optics, 3 hours, Offered periodically

A study of wave nature of light and its application to scattering, reflection, interference, diffraction, and refraction. **Prerequisites:** PHYS 202 and MATH 152.

PHYS 325SL. Principles of STEM Communication, 2 hours, Fall

Develop communication skills in the STEM disciplines and become familiar with tools used to help communicate STEM concepts. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service. Same as CSC 325SL and MATH 325SL.

PHYS 330. Mechanics, 3 hours, Fall even years

An application of vector calculus, generalized coordinates, differential equations, and Lagrangian and Hamiltonian formulations to solve problems in mechanics. Topics include rigid bodies, rotations, and oscillations. **Prerequisite:** PHYS 202. **Corequisite:** MATH 211.

PHYS 362. Energy and the Environment, 3 hours, Offered periodically

A study of energy and its influence on our lives, sources of energy, future shortages, social and political aspects of energy issues, environmental issues, alternative energy, and energy conservation.

PHYS 400. Teaching Assistantship, 1 hour, Offered on Demand

A course designed to help prepare students for teaching in graduate school. Students assist faculty with labs, grading, and other activities deemed appropriate by the instructor and in accordance with school policy. May be repeated once for credit. **Prerequisites:** Senior standing and instructor's consent.

PHYS 401. Special Topics in Physics, 3 hours, Offered periodically

A study of current research in physics or other areas which are deemed appropriate by the department. Topics might include solid state physics, nuclear physics, mathematical methods of physics, acoustics, or others. May be repeated for credit. **Prerequisites:** PHYS 201 and MATH 152.

PHYS 491. Senior Seminar, 1 hour, Fall

Introduction to physics literature and journals as well as other selected projects such as resume preparation and skills of the short interview. One lecture hour a week. **Prerequisite:** Senior standing and instructor's consent.

PHYS 495. Physics Research, 1-3 hours, Offered on demand

Experiments which introduce students to a variety of physical phenomena. The topic is selected by the student and a faculty member. May be repeated for credit. **Prerequisite:** Instructor's consent.

PHYS 496. Physics Internship, 1-3 hours, Offered on demand

Students have the opportunity to obtain academic credit for work experience normally completed during the summer. Both oral and written presentations dealing with the experience are required. May be repeated for credit. **Prerequisite: Instructor's consent.**

PHYS 497. Senior Studies, 1-3 hours, Offered on demand

A student chooses and studies a topic of particular interest on an individual basis. May be repeated for credit. **Prerequisite: Instructor's consent.**

Political Science (PSC)

PSC 101. Introduction to Civil Rights and Liberties, 3 hours, Fall, Summer periodically

Emphasis on historical background and contemporary issues related to civil rights and liberties in the United States.

PSC 102. American Government and Politics, 3 hours, Fall, Spring, Summer periodically

Study of American government and politics with emphasis on the Constitution, branches of government, public opinion, voting behavior, and campaigns and elections. **PSC 101 is not a prerequisite.**

PSC 105. Introduction to the Legal Profession, 1 hour, Fall odd years

Role of participants in the legal system. Various types of lawyers will be guest speakers each week.

PSC 200. Moot Court, 2 hours, Fall

Students will develop research, writing, oral communication and team building skills by writing a brief and preparing arguments for the AMC3 Moot Court Challenge competition. **Prerequisite: Instructor's consent.**

PSC 201. Global Politics, 3 hours, Fall odd years

Examination of contemporary events and issues across the international system including the role of the United States in those issues.

PSC 300. Teaching Assistantship in Political Science, 1-3 hours, Fall, Spring

Teaching assistantship for majors by departmental invitation.

PSC 302. Faith, Freedom and the Individual, 3 hours

See HONORS PROGRAM.

PSC 303. American Political Behavior, 3 hours, Spring every 4 years following presidential election year

Voting behavior, political power and its acquisition, public opinion, propaganda, polling, surveys and techniques of political analysis.

PSC 312. Modern Middle East, 3 hours, Offered periodically

Emergence of the modern Middle East from the late eighteenth century through the present by focusing on political and cultural changes. Same as HIST 312.

PSC 313. Introduction to International Relations, 3 hours, Spring odd years

Survey of the international relations field including theoretical background and contemporary issues.

PSC 314. International Human Rights, 3 hours, Offered periodically

Issues surrounding international human rights including how they are defined, the role of the United Nations and international law, and current controversies.

PSC 315. Contemporary International Issues, 3 hours, Offered periodically

An examination of current issues in global politics.

PSC 316. Comparative Politics, 3 hours, Once every 3-4 years

Comparison of contemporary political systems. Students will examine institutions and issues from industrialized to underdeveloped states. Country profiles are presented to highlight significant features.

PSC 317. The European Union, 3 hours, Once every 3-4 years

Introduction to the historical evolution and contemporary structure of the European Union. Students will examine the major political institutions and policy process within a regional entity comprised of sovereign actors. In addition, students will focus on contemporary issues like domestic pressure, migration, fiscal policy, common defense, political parties, and democratization.

PSC 318. Political Parties and Electoral Systems, 3 hours, Once every 3-4 years

Comparative examination of political party systems and party families. Students will begin with coverage of mainstream parties within the United States before transitioning to party families common through the world. Ideological features of Communist, Liberal, Conservative, Christian Democratic, Socialist, Social Democratic, Greens and Radical Right parties are presented. In addition, features of dominant party, two-party, and multi-party systems will be explored.

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PSC 320. Special Topics in Political Science, 1-3 hours, Offered periodically

An examination of a specific area of study in the discipline. Can be repeated for credit when topic changes.

PSC 321. American Political Thought, 3 hours, Spring every 2-3 years

Survey from Puritans to modern thinkers. Same as HIST 321.

PSC 323. Global Feminisms: Women in the Modern World, 3 hours, Fall odd years

Explores the history of women in the 20th/21st century from a global and thematic perspective by looking at middle class feminism and working class unionism; women in political revolutions and women in peace movements; women and the development of human rights; the development of women's history; and women and the politics of globalization, development, and environmental politics. Same as HIST 323.

PSC 324. Popular Culture and American Politics, 3 hours, Once every 2-3 years

Popular culture related to American politics and government focusing on the role of film, television, fiction, and music. Specific topic will vary.

PSC 330. Law in American Society, 3 hours, Once every 3-4 years

Law as a process through which social problems are addressed. Attention devoted to the structure and function of the U.S. legal system (federal and state). Current controversial legal issues will also be discussed.

PSC 335. Church-State Relations, 3 hours, Once every 3-4 years

An examination of the historical roots and contemporary status of church-state relations in America with a focus on the writings of Madison, Jefferson, key court decisions, and the current political culture.

PSC 336. Administrative Law, 3 hours, Once every 2-3 years

Legal status of actions undertaken by government agencies through the study of court decisions.

PSC 337. Contemporary Criminal Procedure, 3 hours, Every 3-4 years

Emphasis on fourth, fifth, sixth, eighth, and fourteenth amendment issues in a chronological perspective. These criminal procedure rights will be analyzed in terms of the effects of US Supreme Court decisions on law enforcement and criminal defense.

PSC 338. Women and the Law, 3 hours, Every 2-3 years

Study of historical and contemporary gender-based discrimination via examination of state and federal court decisions concerning statutory, constitutional based and traditional schemes of such discrimination.

PSC 339. Right to Privacy, 3 hours, Every 3-4 years

The historical roots and contemporary applications of the right to privacy in the United States through an examination of US Supreme Court and lower court rulings.

PSC 365. Washington Semester, 3-9 hours, Offered as needed

Internship in the nation's capitol. Students learn about the workings of federal government under supervision of a US congressman out of whose office they work. Approvals from instructor, committee and Washington office required during semester prior to participation. **Prerequisite: senior standing.**

PSC 403. Southern Politics and Culture, 3 hours, Once every 3-4 years

An examination of the rise of a distinctive southern political and cultural outlook and the degree to which it presently may be losing that distinctiveness. Colonial Era to Present.

PSC 407. Development of the Modern Presidency, 3 hours, Once every 3-4 years

Analysis of the growth of US presidential power. Historical roots and practices of 20th century presidents. Same as HIST 417.

PSC 409. Contemporary Issues in U. S. Public Policy, 3 hours, Once every 3-4 years

Overview of the policymaking process in the United States and controversial issues in American public policy.

PSC 410. Women and Politics, 3 hours, Once every 3-4 years

Role of women in the U. S. political system from the suffrage movement to current issues surrounding their political behavior as voters and elected officials.

PSC 420. Formation and Adoption of the Federal Constitution, 3 hours, Offered periodically

Examination of the context and process of the formation and adoption of the United States Constitution. Same as HIST 420.

PSC 438. American Constitutional Law I, 3 hours, Fall every 2 years

Constitutional interpretation and judicial review. Supreme Court decisions in business and economic matters.

PSC 439. American Constitutional Law II, 3 hours, Spring every 2 years

Civil liberties cases. **PSC 438 is not a prerequisite.**

PSC 491SL. Senior Seminar in Political Science, 2 hours, Fall

Reading/discussion based course covering contemporary political issues. Students will write a significant research paper. Capstone course for political science majors. This is a service learning course and may require an additional time commitment outside of class.

Psychology (PSY)

PSY 101. Introduction to Behavioral Science, 3 hours, Fall, Spring

Empirical methods, brain function, perception, learning, memory, emotion, cognition and motivation.

PSY 102. Understanding Human Behavior, 3 hours, Fall, Spring

Human development, personality theory, abnormal and health behavior, therapy, interpersonal and social processes.

PSY 201. Adult Psychology, 1 hour, Fall

Research and practical applications in patterns of mature living. Will be the adult development module of PSY 206. Students who have taken or plan to take PSY 206 or CFS 206 may not take PSY 201. Students who take PSY 201 after PSY 06 or CFS 206 will not receive credit for the course. **Instructor Permission.**

PSY 203. Statistical Concepts and Methods, 3 hours, Fall, Spring, Summer

Basic statistical concepts including populations, samples, analysis and inference. One and two dimensional discrete and random variables. Applications of normal, t, chi square, F and binomial random variables. R statistical software. Same as MATH 201 and SOC 203. **Prerequisites: Strong algebra background evidenced by math ACT 21 (math SAT 530) or MATH 106, 120, or 125.** Students enrolling in a lecture section must also enroll in the corresponding lab section.

PSY 204. Psychology of Childhood and Adolescence, 3 hours, Fall, Spring

Developmental processes from early childhood to adolescence. Consideration of behavioral management techniques.

PSY 206. Human Development Through the Lifespan, 3 hours, Fall, Some Springs

Developmental processes from prenatal to late adulthood and death, including physical, cognitive, and psycho-social development. Same as CFS 206.

PSY 209. Psychology of Adjustment and Health, 3 hours, Fall

An examination of the areas of emotional and behavioral health with emphasis on personal assessment, goal-setting and personal improvement. Analysis of the patterns of behavior that relate to health and higher quality of life. Use of the biopsychosocial model.

PSY 212. Social Entrepreneurship Seminar, 2 hours, Fall

An introduction to service that addresses human needs and problems by strengthening social infrastructure through community research and action, service learning, and civic engagement. Involves readings and a field trip. Same as ID 212.

PSY 213. Research Design and Interpretation, 3 hours, Fall, Spring

An introduction to research design including quantitative and qualitative approaches. Students will learn how to interpret primary research articles and plan a research project with a specific design.

PSY 250. Society and the Individual, 3 hours

See HONORS PROGRAM.

PSY 301. Social Psychology, 3 hours, Fall, Spring, Summer

Social factors influencing the thoughts and behavior of the individual. **Prerequisite: PSY 101 or 102.** Same as SOC 301.

PSY 302. Abnormal Psychology, 3 hours, Fall, Spring

Causes, treatments and prevention of maladaptive behavior. **Prerequisite: PSY 101 or 102.**

PSY 304. Child and Adolescent Psychopathology, 3 hours, Offered periodically

Causes, treatments, and prevention of disorders in children and adolescents. **Prerequisite PSY 101, 102, 204 or 206.**

PSY 306. Organizational Behavior, 3 hours, Offered periodically

Principles of management with emphasis on individual and group behavior in organizations. Same as MGT 306.

PSY 308. Cognitive Psychology, 3 hours, Offered periodically

An overview of the scientific study of the mind and mental processes, including memory, language, and decision-making with consideration of the neurological underpinnings of cognitive processes.

PSY 310. Criminology, 3 hours, Fall

Overview of the field of criminology with attention given to behavior of the criminal and case studies. Same as SOC 310.

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PSY 312SL. Social Entrepreneurship and Non-Profit Studies, 3 hours, Fall

Students will investigate how non-profit organizations can address human needs and problems by strengthening social infrastructure and empowering communities to help themselves. Students will complete a project that addresses human need and creates social change for the common good. Same as ID 312. **Prerequisite:** ID/PSY 212. \$25 fee. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PSY 313. Statistical Analysis for the Social Sciences, 3 hours, Spring

Students will learn statistical analysis from measures of central tendency to analysis of variance as it applies to psychology research. Students will gain expertise in use of SPSS as a means of analysis. **Prerequisite:** PSY 213.

PSY 316. Forensic Psychology, 3 hours, Spring

An overview of criminal behavior, including developmental, biological, learning, personality, and social psychological perspectives. Specific topics range from juvenile delinquents to psychopaths, from typical aggression to homicide and sexual assault. Where possible, both predicting crime and correctional options will be introduced. **Prerequisites:** 3 hours of social science and junior standing, or 6 hours social science.

PSY 318. Humanity and the Biosphere, 3 hours, Every 2-3 years

See HONORS PROGRAM.

PSY 320. Topics in Psychology, 1-3 hours, Offered periodically

Topics vary and may include historical readings, biofeedback, self-management, humor, environment and community, peace psychology, stress management and self esteem in children. May be repeated.

PSY 323. Peace Psychology, 3 hours, Offered periodically

A psychological approach to understanding wars, transforming conflict, and building peace. Requires a lab fee and field experience.

PSY 325. Psychology of Humor, 3 hours, Offered periodically

A comparison of motivational and cognitive theories. Key questions: To be funny, must one be aggressive or are verbal puns sufficiently arousing? We will view stand-up comedy, sit-coms, cartoons/comics, and full-length movies. We will deconstruct comedies in terms of “incongruity-resolution,” and blend schemas/themes arising in politics, relationships, and regional stereotyping. Original research will support an inclusive model of how we think about humor.

PSY 400. Teaching Assistantship, 1-3 hours, Fall, Spring

Majors assist with grading, class exercises and tutoring. Taken by instructor’s approval. 4 hours maximum. S/F grading.

PSY 401. Research Assistantship, 1-3 hours, Fall, Spring

Students will work closely with a faculty member on a research project that the faculty member directs. Students will gain research and statistical expertise. Course may be repeated for up to 4 hours credit. S/F grading. **Prerequisites:** PSY 213 or instructor’s consent.

PSY 404. Educational Psychology II: Classroom Management, 2 hours, Offered periodically

Teacher/Student Management.

PSY 405. History and Systems of Psychology, 3 hours, Spring, Summer

A study of systems of psychological thought in history and contemporary society. **Prerequisites:** PSY 101 or 102, junior/senior standing.

PSY 406. Personality Theories, 3 hours, Fall

Overview of major personality theories. **Prerequisites:** PSY 101 or 102, 9 additional hours of psychology.

PSY 407. Gerontology, 3 hours, Offered periodically in Spring

Examination of the physical, social, and psychological aspects of the aging process. In-depth look at stereotypes, theories, demographics, and ways to age successfully. Same as SOC 417.

PSY 408. Psychology of Gender, 3 hours, Spring

A survey of current ideas from the field of psychology on gender with an emphasis on women’s ways of knowing, positive expressions of masculine character in the age of feminism, and communication differences between the sexes.

PSY 409. Current Topics in Child and Family Studies, 3 hours, Offered periodically

Research and readings on selected issues affecting children and families. **Prerequisites:** CFS 206 or PSY 204, CFS 305. Same as CFS 407.

PSY 410. Advanced Skills and Practice, 3 hours, Fall

Supervised experience in local agencies or institutions. **Prerequisites:** 12 hours of psychology to include one of the following: PSY 302, PSY 209, PSY 413, and junior/senior standing.

PSY 412SL. Senior Seminar, 3 hours, Fall

Review of the field of psychology and career/graduate school preparation within the psychology and psychology-related fields. **Prerequisite: senior standing.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

PSY 413. Counseling Theories and Techniques, 3 hours, Fall, Spring

Psychodynamic, Rogerian, cognitive, behavioral and eclectic theories. Basic counseling skills. Laboratory. **Prerequisites: PSY 302 and junior/senior standing.**

PSY 421. Human Sexuality, 3 hours, Spring even years

Social, psychological and moral understandings of sexual behavior.

PSY 425. Positive Psychology, 3 hours, Offered periodically

Optimal functioning is explored by studying happiness, wellness, optimism-pessimism, setting goals, resilience, flow, and hope. A purposeful life is not equal to merely being “happy”. Theoretical support comes from cognitive, personality, and social psychology as well as neuroscience and counseling. Students compare empirical research to counseling applications, and keep a self-reflective diary. **Prerequisite: Junior/senior standing.**

PSY 465. Psychology Internship, 1-3 hours, Summer

Experience through a psychology-related agency that has a formal internship program with supervision taking place in the outside agency. S/F grading. **Prerequisites: junior/senior standing and instructor’s consent.**

PSY 491. Psychological Research, 2-3 hours, Spring

Supervised participation in research. May be repeated. 6 hours maximum. **Prerequisites: PSY 213 and instructor’s consent.**

Recreation (REC)

REC 200. Foundations of Recreation, 3 hours, Offered periodically

An in-depth study of the theory and nature of recreation; the impact of recreation on the quality of life for individuals and society; the role of agencies in provision of services; and the professional’s role in education for recreation and the building of positive recreation lifestyle(s).

REC 220. Recreation Practicum, 1 hours, Fall, Spring, Summer

Exploratory on-site practical experience in a recreation and/or park agency. Observe activities and lead programs requiring Recreation Leadership. **Prerequisites: Must be pursuing the Wilderness Recreational Management minor and department chair’s consent.**

REC 304SL. Recreation Program Planning and Management, 3 hours, Spring

Provides the student with an understanding of recreation program practices including planning, program principles, and program evaluation. Practical application of this knowledge will be facilitated through direct experiences in organizational leadership and evaluation of programs. **Prerequisite: junior/senior standing or instructor’s consent.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

REC 306. Administration of Recreation Programs, 3 hours, Offered periodically

Designed to introduce students to the principles of administration and organization of recreation agencies. The role of the manager will be explored by investigating the concepts, problems and responsibilities faced by management staff.

REC 320. Special Topics in Recreation, 1-3 hours, Offered as needed

A wide variety of topics in recreation and leisure studies are explored in this contemporary research and special topics course. Relevant issues including conditioning, nutrition and supplementation, and biomechanics are analyzed. **Prerequisite: Junior/senior standing or instructor’s consent.**

REC 340. Outdoor Recreation, 3 hours, Offered periodically

Designed to provide the student with an orientation to the field of outdoor recreation. Emphasis is placed on acquiring knowledge in background knowledge of outdoor pursuits, specific skills utilized, along with leadership and administration of outdoor recreation pursuits. Emphasis will also be placed on the leadership of selected activities.

REC 440. Wilderness Leadership, 3 hours, Fall, Summer

Implement wilderness programs including design, planning, implementation, and leadership with consideration of administrative techniques, environmental ethics, and risk management. Field experiences may include minimum-impact backcountry travel, living skills, navigation, climbing, canoeing, and trail service opportunities. **Prerequisite: Junior/senior standing or instructor’s consent.**

REC 461. Critical Issues in Recreation, 3 hours, Offered periodically

Examination and exploration of critical issues in the field of Recreation. **Prerequisites: senior standing and instructor’s consent.**

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REC 463. Topics in Recreation, 1-3 hours, As needed

Study of special topics and problems through directed reading and research in recreation. May be retaken to a maximum of three hours. **Prerequisite:** Department chair's consent.

REC 465. Internship, 6 hours

Designed to place students in a recreation setting to observe and conduct activities. Students will additionally be gaining practical experience in the daily operations of a comprehensive recreation agency. Through this training, the student is provided an opportunity to test the concepts and competencies gained through his or her completion of college classroom experiences. The student will also gain knowledge and experience that provides a smooth transition into the profession after graduation. **Prerequisites:** PE 318 and REC 410.

Religion (REL)

REL 101. Introduction to the Old Testament, 3 hours, Fall, Spring, Summer

Introductory study of the background, growth, content, and relevance of the Old Testament.

REL 102. Introduction to the New Testament, 3 hours, Fall, Spring, Summer

Introductory study of the background, growth, content, and relevance of the New Testament.

REL 155. Who Are the Baptists?, 1 hour, Fall

This survey of Baptist history and beliefs will attend to beliefs and behaviors that distinguish Baptists from other Protestants, as well as outlining those beliefs and behaviors that Baptists hold in common with other Protestants and other Christians.

REL 201. Introduction to Ministry, 3 hours, Spring

Experience in an area of vocational interest. Assignment by course professor. **Prerequisite:** sophomore standing or above.

REL 224SL. Spiritual Growth and Development, 3 hours, Once each year

Investigation of the biblical understanding of discipleship and spirituality and the psychological aspects of personal development in relationship to the faith journey in college-age students. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

REL 238. Introduction to Children's Ministry, 3 hours, Once every 2 years

Upon successful completion of this course, the student will be able to develop and express a theology of childhood in the context of the Christian tradition; understand and articulate key theories related to childhood development and their relevance to children's ministry; analyze and explain the effects of cultural trends on the lives of children and families; and evaluate and assess various models and practices of children's ministry.

REL 240. Introduction to Youth Ministry, 3 hours, Once every 2 years

Overview of the key issues and best practices involved in conducting an effective ministry to youth through the local church and denomination.

REL 241. Introduction to Leadership, 3 hours, Once every 2 years

Study of the principles and models of effective leadership within both the church and the world.

REL 296. Theological Research, 3 hours, Fall

Research, writing, revision, and presentation of theologically oriented papers. Shall be taken by the end of sophomore year.

REL 301SL. Christian Ethics, 3 hours, Spring

Critically examines the biblical, historical, and theological principles of moral value. Attention will be given to ethical theory and Christian moral values as they derive from the Bible. Same as PHIL 301SL. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

REL 313. Proverbs, Job, Ecclesiastes, 3 hours, Spring

Study of the wisdom movement in Israel and its relationship to the wisdom literature in the Old Testament. **Prerequisite:** REL 101 or instructor's consent.

REL 314. The Psalms: Israel's Voice in Worship, 3 hours, Once every 2 years

Study of Israel's worship in the Psalter as a source for worshipping God in the twenty-first century.

REL 315. Worship in the New Testament, 3 hours, Once every 2 years

Study of the New Testament as a source for worshipping God in the twenty-first century.

REL 317. Johannine Literature, 3 hours, Once every 2-3 years

Context and contemporary meaning of the writings of John. **Prerequisite:** REL 102 or instructor's consent.

REL 318. Sermon on the Mount, 3 hours, Once every 2 years

Exegetical study of Matthew 5-7. **Prerequisite: REL 102 or instructor's consent.**

REL 319. Paul, 3 hours, Once every 2-3 years

Study of the letters, life, and thought of the Apostle Paul. **Prerequisite: REL 102 or instructor's consent.**

REL 320. Religions of the World, 3 hours, Spring as needed

Analysis of the origins, beliefs, and practices of the major religious traditions of the world.

REL 322. New Religious Movements, 3 hours, Spring as needed

Study of diverse new religious groups current in the contemporary world.

REL 324. Islam, 3 hours, Spring as needed

A comprehensive examination of the faith and practice of Muslims.

REL 329. Denominations in America, 3 hours, As needed

Introduction to the origins, distinctive beliefs, and influence of selected denominations in America.

REL 339. History of Christianity, 3 hours, Fall

Survey of the development of Christianity since the first century. Same as HIST 357.

REL 347. Sermon Preparation and Delivery, 3 hours, As needed

Study of the principles of preparing and delivering sermons. Students write, deliver, and analyze sermons. **Prerequisite: COMM 135 or instructor's consent.**

REL 352. Baptist Stories, 1 hour, As needed

Study of persons who have made significant contributions to Baptist life and thought such as C. H. Spurgeon, Annie Armstrong, Martin Luther King, Jr. and T. B. Maston. Does not meet religion major requirements.

REL 354. Baptists in the United States, 1 hour, As needed

Exploration of various aspects of Baptist life in the United States. Does not meet Religion major requirements.

REL 355. History of the Baptist People, 3 hours, Fall

Baptist beginnings and development.

REL 357. Tutorial in Baptist Research I, 3 hours, Fall

Guided reading and writing program for Oxford Studies minors in preparation for residency at Regents Park College of Oxford University, England. See faculty advisor.

REL 358. Tutorial in Baptist Research II, 3 hours, Spring

Guided reading and writing program for Oxford Studies minors in preparation for residency at Regents Park College of Oxford University, England. See faculty advisor.

REL 359. Readings in British and Baptist Life, 3 hours, As needed

Students in the Oxford Studies minor are provided a readings list of books on: British history, Baptist life and thought, and British Baptist history. Students are required to write reviews on each book to use as background for their study during the year.

REL 361. Introduction to Systematic Theology, 3 hours, Once every 2-3 years

Review of a systematic selection of theological issues designed to prepare students for further study.

REL 362. Readings in Christian Theology, 3 hours, Once every 2-3 years

Classics of Christian theological literature.

REL 400. Teaching Assistantship, 1-3 hours, Fall, Spring

Teaching assistantship for majors by departmental invitation. May involve some class presentations. Does not meet ministry studies requirement. Maximum of 6 hours credit.

REL 402SL. Philosophy of Religion, 3 hours, Fall

Surveys the engagement of philosophy with religion, with focus upon religious experience, "proofs" of God's existence, religious language, miracles, life after death, and associated topics. **Prerequisites: PHIL 101 or instructor's consent.** Same as PHIL 402SL. Meets Theological Studies requirement for Religion majors. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

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REL 404. Nonwestern Religious Thought, 3 hours, Fall even years

Examines the conceptual component in various Eastern religions. The student will read extensively from the sacred writings of these religions and seek to formulate the principles which are basic to them. Comparative studies will be encouraged. **Prerequisite: PHIL 101 or instructor's consent.** Same as PHIL 404.

REL 411. Parables of Jesus, 3 hours, As needed

Exegetical and theological study of the parables in the Gospels. **Prerequisite: REL 102 or instructor's consent.**

REL 412. Luke-Acts, 3 hours, As needed

Exegetical, theological, and narrative exploration of the Gospel of Luke and the Acts of the Apostles. **Prerequisite: REL 102 or instructor's consent.**

REL 415. Old Testament Prophets, 3 hours, Fall

Ancient Israelite prophecy from its beginnings.

REL 416. Woman and Biblical Tradition, 3 hours, Once every 2 years

Biblical concepts of woman and study of some individual women in the Bible.

REL 417. Pentateuch, 3 hours, As needed

Study of the first five books of the Old Testament (Genesis, Exodus, Leviticus, Numbers, Deuteronomy) with special attention to the literary and historical context. **Prerequisite: REL 101 or instructor's consent.**

REL 420. Archaeology of Palestine, 3 hours, As needed

Introduction to the methods and results of the excavation of ancient sites in the land of Palestine and its neighbors. Suggested for students desiring to participate in Carson-Newman University's archaeological dig in Jordan. **Prerequisite: REL 101 or instructor's consent.**

REL 422. Archaeological Field Experience, 3-6 hours, Summer as needed

Field experience as a volunteer worker on an archaeological dig team in the Middle East (e.g., southern Jordan; see www.vkrp.org) combining academic preparation with on-site lectures and journaling during the excavation itself. REL 420 strongly recommended but not required.

REL 423. Travel Seminar in the Land of the Bible, 3 hours, Spring, Summer as needed

Study seminar in the lands of the Bible combining both academic preparation and follow-up as well as on-site lectures and journaling during the travel. REL 101 and REL 102 are recommended but not required. Additional course fees. Air fare not included in course fees.

REL 426. Religion and Popular Culture in America, 3 hours, Fall even years

An examination of the interaction of religion and popular culture, popular forms of religious belief and expression, and popular cultural phenomena that may function as religion, mainly in the United States. The material aspects of popular religion will receive significant attention.

REL 427. Religion and Film, 3 hours, Offered periodically

Study of the role of film in religion with emphasis on how religion is viewed in film, as well as the methodologies and issues of religious beliefs and Christian theology as they are depicted in the popular cinema. Course may be repeated with change of content. Same as FILM 427.

REL 433. American Religious History, 3 hours, Fall

Examination of the relationship of religion to the nation's history and culture. A particular emphasis will be placed on themes and movements that transcend denominational movements.

REL 437. Woman in Christian History, 3 hours, Spring odd years

Survey of the roles and concepts of women in Christian history as well as their contributions to Christianity.

REL 438. The Reformation: Protestant and Catholic, 3 hours, Spring even years

Background, course, effects of the reformation. Same as HIST 434.

REL 440. Understanding Families, 3 hours, Fall odd years

Study of family process from a systemic perspective. Special attention will be given to the multigenerational process, the family life cycle and emotional, moral and spiritual development.

REL 441. Love, 1 hour, Spring

Module course exploring the emotional and spiritual dimensions of love.

REL 442. Grief, 1 hour, Spring

Module course exploring the emotional and spiritual dimensions of grief.

REL 443. Anger, 1 hour, Spring

Module course exploring the emotional and spiritual dimensions of anger.

REL 444. Guilt, 1 hour, Fall

Module course exploring the emotional and spiritual dimensions of guilt.

REL 445. Self Esteem, 1 hour, Fall

Module course exploring the emotional and spiritual dimensions of self esteem.

REL 446. In Search of Yourself, 1-3 hours, Fall

Enables students to develop a greater self-awareness. Students will create a number of projects which will include a genogram, a spiritual autobiography, and a spiritual assessment. Other assessment tools may be used.

REL 449. Introduction to Pastoral Theology and Care, 3 hours, Spring odd years

Introduces students to the theologies and practices that inform the discipline of pastoral and spiritual care. Particular attention will be given to the theories connected to the modern, twentieth century pastoral care movement. The course will also explore specific human needs addressed by the discipline of pastoral care, such as death, illness, trauma, and transitional rites of passage.

REL 450. Discovering the Mission of God, 3 hours, Fall odd years

Introduction to the biblical, historical, and philosophical understanding of the redemptive activity of God in the world.

REL 452. Cross-Cultural Experience and World Awareness, 3 hours, Summer

Preparation for a cross-cultural immersion experience within the United States or abroad that offers the student opportunity to engage in mission praxis, reflection, and service.

REL 453. A History of the Church on Mission with God, 3 hours, Fall even years

Examination of God's mission to establish the church among all the peoples of the earth from the first century to the twenty-first century.

REL 454. Topics in Missions, 3 hours, Summer

Study of mission models and trends that assist in formulating a strategy of life mission congruent with vocation and geography.

REL 459. Oxford Residency in Baptist Research, 6 hours, Trinity term (approximately the end of April to the end of June)

Eight weeks residency engaging in research and writing under an English Baptist tutor at Regents Park College, Oxford University, England. See faculty advisor.

REL 469SL. Senior Seminar, 3 hours, Fall

For junior and senior Religion majors. Overview of biblical traditions, hermeneutical and theological methodologies, key concepts and seminal thinkers throughout Christian history. Includes theological reflection and personal vocational assessment. Prerequisites: **junior/senior standing**. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

Sociology (SOC)

SOC 101. Introduction to Sociology, 3 hours, Fall, Spring, Summer

Basic concepts, theories and research necessary for an understanding of American society and how it is changing.

SOC 102. Introduction to Human Services, 3 hours, Fall

A survey of the major types of human services agencies and occupations. Introduction to foundational concepts and skills in developing helping relationships with clients.

SOC 105. Social Problems, 3 hours, Fall, Spring

The major social problems facing American society, and various explanations of their causes and remedies.

SOC 201. Introduction to Cultural Anthropology, 3 hours, Spring even years

A study of the various forms of human cultures found in pre-industrial societies around the world, focusing on the underlying political, social, religious, and economic similarities of societies with similar subsistence patterns. The processes of cultural change and inter-cultural conflict are also examined.

SOC 202. Human Services Practice, Theory, and Skills, 3 hours, Spring

Developing general interpersonal and interviewing skills applicable in working with diverse client groups in a variety of professional human services settings. **Prerequisite:** SOC 102.

SOC 203. Statistical Concepts and Methods, 3 hours, Fall, Spring, Summer

Basic statistical concepts including populations, samples, analysis and inference. One and two dimensional discrete and random variables. Applications of normal, t, chi square, F and binomial random variables. R statistical software. Same as MATH 201 and PSY 203. **Prerequisites:** **Strong algebra background evidenced by math ACT 21 (math SAT 530) or MATH 106, 120, or 125.** Students enrolling in a lecture section must also enroll in the corresponding lab section.

218 Sociology Courses

SOC 204. Introduction to Sociological Research, 3 hours, Fall

The use of scientific methods in the study of society. Students participate in collecting data and in the statistical analysis of data using the computer.

SOC 205SL. Sociology of Community, 3 hours, Fall even years

Conceptualization and evolution of community with a focus on the nature and types of communities in modern society. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

SOC 206. Poverty and Homelessness, 2-4 hours, Summer

Examination of the causes of poverty with an emphasis on the recent increase in homelessness. A major component of this course involves fieldwork at a homeless shelter.

SOC 207. American Minority Groups, 3 hours, Spring even years

Background, causes and results of racial and ethnic conflicts; contributions to American life.

SOC 209. Internship in Human Services, 1-3 hours, Fall, Spring, Summer

Supervised work experience in an approved human services agency. Requires departmental approval. May be repeated to a maximum of 3 hours. S/F grading. **Prerequisite:** SOC 102.

SOC 218. Human Behavior in the Social Environment I, 3 hours, Fall

Interrelatedness of psychological, environmental, cultural and behavioral factors influencing human behavior. Utilize the EcoSystems or Person-In-Environment Perspective to evaluate the influence of sociocultural factors. **Prerequisites:** SOC 101 and SOC 102.

SOC 250. Society and the Individual, 3 hours

See HONORS PROGRAM.

SOC 301. Social Psychology, 3 hours, Fall, Spring

Social factors influencing the thoughts and behavior of the individual. Same as PSY 301.

SOC 302. Sociology and the Christian Faith, 3 hours, Summer

An independent readings course in which the student will be exposed to issues concerning the relationship between society and the Christian faith: the subtle influence of a society's culture upon the Church and role of Christians in changing society.

SOC 303. Social Welfare Policy, 3 hours, Fall

Examines issues of equality and discrimination via the historical, economic and political dimensions of social programs.

SOC 305. Urban Sociology, 3 hours, Fall odd years

Examines the historical development of modern cities and the contemporary social problems they engender.

SOC 309. Marriage and Family, 3 hours, Offered periodically

The family as a social institution and its impact on the life cycle with attention to sex roles, socialization and interactional problems.

SOC 310. Introduction to Criminology, 3 hours, Offered periodically

A structured, independent study and seminar course which introduces the student to the fields of criminology and criminal justice. Special attention will be given to theories of law making, law breaking, and public reactions to crime. Same as PSY 310.

SOC 311. Environmental Sociology, 3 hours, Summer

A structured, independent study introducing the student to the sociological perspective of environmental issues, especially values and practices. The student will choose a specific area of study and the instructor will assign appropriate readings.

SOC 312. Sociology of Religion, 3 hours, Spring odd years

An examination of the social context in which religion is formed and lived out. Attention will be given to religious pluralism and cross-cultural contact as well as concepts such as secularization, social change, and the development of religious expressions both new and old.

SOC 318. Human Behavior in the Social Environment II, 3 hours, Spring

Interrelatedness of psychological environmental, cultural, and behavioral factors influencing human behavior in large groups, communities, and formal organizations. Theories for macrochange are examined. **Prerequisites:** SOC 101, SOC 102, and SOC 218.

SOC 321. Native Americans of the Great Plains, 3-4 hours, Summer

An independent readings course which examines the lifestyles, customs, and fate of the 19th century Native American tribes of the Great Plains region.

SOC 323. Topics in Sociology, 1-3 hours, Offered periodically

Topics vary with student and faculty interest and may include social theory, deviance, third world studies, racial issues, and others. Faculty will develop a set of assignments appropriate to the topic.

SOC 367. Leadership for Social Change, 4 hours, Summer

Role of innovative leaders and organizations promoting positive, intentional social change.

SOC 400. Teaching Assistantship, 1 hour, Fall, Spring

Sociology or Human Services majors assist with grading, instruction, and/or research. Student must have at least a 3.0 GPA and have completed at least 9 hours in Sociology. May be repeated to a maximum of 3 hours. S/F grading.

SOC 401. Family Violence, 3 hours, Fall

The causes, prevention and treatment of husband-wife violence, child abuse and neglect, incest, runaways and suicide.

SOC 402. People and Problems of the Third World, 3 hours, Spring odd years

Study of the people in the underdeveloped nations of South America, Africa and Asia and problems of overpopulation, starvation, human rights, poverty, ecological destruction and socio-economic development.

SOC 405. Social Theory, 3 hours, Fall

Examines the historical development of major themes and theoretical perspectives in the study of society; includes the major writings of Durkheim, Weber, Marx and others. **Prerequisite: SOC 101.**

SOC 406SL. Cross-Cultural Field Experience, 3 hours, Fall, Spring, Summer

Work with an organization or mission which serves people of different cultural backgrounds, in either a U.S. or foreign setting. For example, urban missions, foreign missions, Indian reservations, rural community development projects, HEART, etc. S/F grading. **Prerequisite: 15 semester hours in the major.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

SOC 409SL. Human Services Field Experience, 3 hours, Fall, Spring, Summer

Application of social theory and the acquisition of basic skills through work in a human service agency under the supervision of professionals. One hundred fifteen hours of on-site work required. One hour per week classroom meeting. S/F grading. Repeatable to 6 hours credit. **Requires departmental approval. Prerequisite: SOC 102.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

SOC 410SL. Cross-Cultural Communication Practicum, 1 hour, Fall, Spring

This course is designed for American students who would like to interact with international students 1-2 hours per week. The two goals of this course are to provide international students with help in adjusting to American life and language and to provide American students with a cross-cultural experience on the Carson-Newman campus. May be repeated, 3 hours maximum. **Prerequisites: junior standing, SOC 101.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

SOC 416. Policy and Practices in Health Care Settings, 3 hours, Spring odd years

This course prepares students to practice social work in a health care setting. Students will learn policies within the American health care system and skills necessary to work within it.

SOC 417. Gerontology, 3 hours, Spring even years

Examination of the physical, social, and psychological aspects of the aging process. In-depth look at stereotypes, theories, demographics, and ways to age successfully. Same as PSY 407.

SOC 427. Sociology and Film, 3 hours, Offered periodically

This course will examine key social issues through documentary and popular films. Course may be repeated with change of content. Same as FILM 427.

SOC 441. Seminar in Sociology, 2 hours, Spring

An overview of key concepts in sociological research and theory. Senior Capstone Course in sociology. **Prerequisite: at least 21 sociology hours.**

SOC 442. Seminar in Human Services, 2 hours, Spring

An overview of key concepts and skills in human services professions. Senior Capstone Course in human services. **Prerequisite: at least 21 sociology hours.**

Spanish (SPAN)

SPAN 101. Hispanics in the U.S. I, 3 hours, Fall

This course will focus on the cultures and language of Hispanics in the United States in order to give the students the necessary tools to communicate with and understand this growing segment of our population. Language focus will be on vocabulary acquisition and use of essential structures to communicate basic needs, personal information, and to answer basic questions. **Prerequisite: No previous study of Spanish or placement by exam.**

SPAN 102. Hispanics in the U. S. II, 3 hours, Spring

This course will continue to focus on the cultures and language of Hispanics in the United States in order to give the students the necessary tools to communicate with and understand this growing segment of our population. Language focus will be on vocabulary acquisition and talking about the past and present. **Prerequisite: SPAN 101 or placement by exam.**

SPAN 123. Hispanics in the U. S., Intensive, 3 hours, Fall, Spring

This course will focus on the cultures and language of Hispanics in the United States in order to give the students the necessary tools to communicate with and understand this growing segment of our population. Language focus will be on vocabulary acquisition and use of essential structures to communicate basic needs, personal information, to answer basic questions and to talk about the past and present. **This course is limited to students who have completed through Spanish 2 (or the equivalent) in high school but who did not place into SPAN 201.**

SPAN 201. Hispanics in the U. S. III, 3 hours, Fall, Summer upon sufficient student request

This course will focus on the cultures and language of Hispanics in the United States in order to give the students the necessary tools to communicate with and understand this growing segment of our population. Language focus will be on vocabulary acquisition and use of forms to express opinions, talk about personal preferences, and give recommendations. (Continuation of skill development from 102. Polite commands. Introduction to the subjunctive. **Prerequisite: SPAN 102 or placement by exam.**

SPAN 202. Conversational Spanish for Outreach and Service, 3 hours, Spring, Summer upon sufficient student request

This course will focus on the use of Spanish skills and knowledge learned in previous courses for outreach and service purposes. Students will continue to improve their language skills through in-class work. However, they will also be expected to work in the Hispanic community or attend designated conversation hours for one hour per week in order to gain practical experience with their language. **Prerequisite: SPAN 201 or placement by exam.**

SPAN 301. Written Spanish for the Professional World, 3 hours, Fall

Grammar review, composition, and writing practice for real-life purposes. Required of majors and minors. Students will work on narrating and describing events in major time frames, and dealing with unexpected situations. Course will include a focus on different fields of study based on student population. **Prerequisite for all 300- and 400-level courses. Prerequisite: SPAN 202 or placement by exam.** Taught in Spanish.

SPAN 303. People and Places in Spain, 3 hours, Fall even years

This course will focus on important people, places and events in Spanish history. The content of this course will change from regularly, as people from different time periods and places will be the center of focus. Therefore, the course may be repeated with the consent of the instructor. Structural focus on the past tenses, narration in the past, and the conditional as the future of the past. **Prerequisites: SPAN 301 and 302, or by departmental invitation.** Taught in Spanish. May be repeated with instructor's permission.

SPAN 304. People and Places of Latin America, 3 hours, Fall odd years

This course will focus on important people, places and events in Latin American history. The content of this course will change regularly, as people from different time periods and places will be the center of focus. Therefore, the course may be repeated with the consent of the instructor. Structural focus on the past tenses, narration in the past, and the conditional as the future of the past. **Prerequisites: SPAN 301 and 302, or by departmental invitation.** Taught in Spanish. May be repeated with instructor's permission.

SPAN 309. Foreign Study/Travel/Internship/Language Missions Experience, 1-6 hours, Offered as needed

Cultural and linguistic enrichment through travel/study/internships/missions immersion programs. For those that do not offer credit in themselves (i.e. offer no credit through any accredited institution), this course must be approved and a syllabus prepared before the experience. For those courses that are offered with credit through an accredited institution, only the permission of the department chair is required. This course counts toward majors and minors but not towards the liberal arts requirement.

SPAN 310. Spoken Spanish for the Professional World, 3 hours, Spring

Practice in pronunciation, conversation, and presentation. Students will work on narrating and describing events in major time frames, and deal with unexpected situations. Course will include a focus on different fields of study based on student population. Required of all majors and minors. **Prerequisite: SPAN 301 or permission of instructor.** Taught in Spanish.

SPAN 317SL. Spanish in Community Service and Missions, 3 hours, Spring even years

Practical use of Spanish in service to the local Hispanic community. This immersion practicum will be conducted in conjunction with social and mission outreach programs and can include such activities as interpreting/translating in public schools and churches, interviewing Hispanics to

assess needs, and acting as liaison and interpreter between Hispanic and medical and social agencies. Carried out in Spanish. **Prerequisites: SPAN 301 and 310.** This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

SPAN 320. Interdisciplinary Topics in Spanish, 1-6 hours, Offered as needed

Summer study abroad program through an approved institution or consortium. Credit will be awarded based on content and credit hours as recommended by the cooperating institution and the department chair. May be repeated.

SPAN 327. Translation Theory, 3 hours, Spring odd years

Translation is not the mathematical or simple transfer of words between two languages, but rather a construction. The goal of this course is to provide students with a foundation in the theory, practice, and ethics of translation. Same as LING 327. **Prerequisites: SPAN 202 or instructor's consent.**

SPAN 400. Teaching Assistantship, 1-3 hours, Offered as needed

By prior arrangement and departmental invitation only. Includes classroom experience and work in comparative methodologies. Designed for the student considering a language teaching career. Does not replace student teaching. Does not count as 400-level requirement in major or minor. Carried out in Spanish. S/F grading only. **Prerequisites: SPAN 301 and 310.**

SPAN 401. *La Guerra sucia*: Issues on Conflict, 3 hours, Fall even years

This course will examine the themes of conflict, revolution, and reconciliation in selected examples of the literature, culture, and history of a Spanish-speaking country or region. It may include films and/or television shows, novels, short stories, plays, etc. Students will be expected to hypothesize, express and support opinions, and employ critical thinking skills in the understanding of the impact of conflict on the country and time period being studied. May be repeated with instructor's permission.

SPAN 402. *Mujeres al borde*: Issues in Gender, 3 hours, Spring odd years

This course will examine relationships between the genders in selected examples of the literature, culture, and history of a Spanish-speaking country or region. It may include films and/or television shows, novels, short stories, plays, etc. Students will be expected to hypothesize, express and support opinions, and employ critical thinking skills in the understanding of the impact of conflict on the country and time period being studied. May be repeated with instructor's permission.

SPAN 403. *Muerto porque no muero*: Issues in Religion, 3 hours, Fall odd years

This course will examine the issue of Religion and interfaith contact in selected examples of the literature, culture, and history of a Spanish-speaking country or region. It may include films and/or television shows, novels, short stories, plays, etc. Students will be expected to hypothesize, express and support opinions, and employ critical thinking skills in the understanding of the impact of conflict on the country and time period being studied. May be repeated with instructor's permission.

SPAN 404. *Los de abajo*: Issues in Justice, 3 hours, Spring even years

This course will examine issues of justice in selected examples of the literature, culture, and history of a Spanish-speaking country or region. It may include films and/or television shows, novels, short stories, plays, etc. Students will be expected to hypothesize, express and support opinions, and employ critical thinking skills in the understanding of the impact of conflict on the country and time period being studied. May be repeated with instructor's permission.

SPAN 405. Foreign Study, 1-15 hours

Semester study abroad program through an approved institution or consortium. Credit will be awarded based on content and credit hours as recommended by the cooperating institution and the department chair. May be repeated. Maximum 15 hours.

SPAN 420. Capstone in Spanish, 3 hours, Fall, Spring as needed

This course will be taken in conjunction with SPAN 401, 402, 403, or 404 during the student's last semester of course work in Spanish. The student will demonstrate the ability to apply critical theories and research methods through a final research paper written on a topic related to the adjunct course (401, 402, 403, or 404).

Special Education (SPED)

*** Must clear a background record check and provide proof of liability insurance.**

SPED 312. Transition and Vocation Education, 1 hour, Spring

An overview of the opportunities and challenges for students, families, and schools in the transition process. **Prerequisite: SPED 313.**

***SPED 313. Survey of Persons with Exceptionalities, 3 hours, Fall, Spring, Summer**

A survey of exceptionalities across the life span including intellectual, language, speech, auditory, visual, behavioral, neurological, and physical impairments. This course is a prerequisite for all SPED courses, except ASL 201 and 202. Practicum required.

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SPED 315. Language Development, 3 hours, Fall

A study of normal language development as well as abnormal patterns through the lifespan. **Prerequisite:** SPED 313.

SPED 318. Techniques for the Inclusion of Diverse Learners, 3 hours, Fall, Spring, Summer

Designed to help equip teachers with the skills, strategies, and dispositions to teach so that all children from diverse cultural backgrounds can learn within the context of the regular classroom, with special emphasis upon the needs of students with disabilities and English Language Learners.

Prerequisite: SPED 313.

SPED 404. Assessment and Diagnosis of Persons with Exceptionalities, 3 hours, Fall

Assessment and diagnosis of exceptional learners. **Prerequisites:** SPED 313 and 416.

***SPED 408. Gifted and Talented Learners, 3 hours, Fall**

Definitions, characteristics, and identification of gifted and talented learners. Practicum required. **Prerequisite:** SPED 313.

***SPED 409. Methods and Materials for Gifted and Talented, 3 hours, Spring**

Analysis and comparison of curriculum models, teaching strategies, programs, methods and materials for intellectually gifted and talented students. Practicum required. **Prerequisite:** SPED 408.

***SPED 416. Characteristics/Strategies of Mild/Moderate Disabilities, 3 hours, Spring**

This course covers the historical and social perceptions, characteristics, needs, psychological and educational considerations, and identification of students with mild and moderate disabilities. Practicum required. **Prerequisites:** Admission to the Teacher Education Program and SPED 313.

***SPED 417. Characteristics/Needs of Low Incidence Disabilities, 3 hours, Fall**

This course provides an understanding of the learning and behavioral characteristics of students with severe and multiple disabilities, including students with autism and related developmental disorders. The personal, educational, and social needs of these individuals with low incidence disabilities will be highlighted. Practicum required. **Prerequisites:** Admission to the Teacher Education Program and SPED 313.

***SPED 419. Supervised Student Teaching in Special Education, 3 hours, Fall, Spring**

Ninety (90) clock hours in a special education classroom under professional supervision. Open only to students adding special education endorsements to another licensure.

SPED 425. Management of Challenging Behaviors, 3 hours, Spring

This course is designed to help equip teachers with the skills, strategies, and dispositions to effectively manage and teach children whose behaviors challenge the system. These children will typically have a diagnosis along the spectrums of autism or emotional and behavior disorders.

***SPED 463. Seminar in Student Teaching, 2 hours, Fall, Spring**

This course is designed as the capstone experience for the teacher education program and the student teaching experience. Student teachers will reflect upon and analyze the experiences they are having in the classroom to which they are assigned, and they will refine skills for entering the teaching profession. All PRAXIS II exams required for the licensure must be completed before a passing grade will be assigned for the course. Successful completion of this course is a requirement for the completion of all licensure programs. **Corequisites:** SPED 465 and 467. **Prerequisite:** Admission to the Teacher Education Program and Student Teaching Semester.

***SPED 465. Student Teaching Placement One, 5 hours, Fall, Spring**

Observation, participation, and teaching under professional supervision. **Corequisites:** SPED 463 and 467. **Prerequisites:** Admission to the Teacher Education Program and Student Teaching Semester. *\$100 fee.*

***SPED 467. Student Teaching Placement Two, 5 hours, Fall, Spring**

Observation, participation, and teaching under professional supervision. **Corequisites:** SPED 463 and 465. **Prerequisites:** Admission to the Teacher Education Program and Student Teaching Semester. *\$100 fee.*

Sport Management (SMGT)

SMGT 301. Sport Management, 3 hours, Fall, Spring

An overview of the sport industry and the principles and objectives of the sport management profession, with an introduction to the scope and variety of career opportunities in sport. **Prerequisites:** Business Foundation Core, junior/senior standing or instructor's consent.

SMGT 302. Sport Facility and Event Management, 3 hours, Offered as needed

Students will acquire an understanding of best practices and procedures in designing, constructing, managing, operating, and maintaining sport facilities. Additionally, students will gain insight into how to successfully plan and manage athletic events. **Prerequisites:** Business Foundation Core and SMGT 301.

SMGT 400. Sport Marketing and Event Management, 3 hours, Fall

Explores the essential characteristics of effective sport marketing activities and event management procedures. This course will include marketing topics such as branding, sponsorships, advertising, sales promotion, public relations. This course will also include topics to gain insight into how to design, manage, and operate athletic events. **Prerequisites:** Business Foundation Core, MKT 300, and SMGT 301.

SMGT 401. Legal and Ethical Environment of Sport, 3 hours, Spring

Provides students with comprehensive information regarding the fundamental legal issues in sport and the ethical dilemmas that develop from them. A wide variety of legal topics will be discussed, such as risk management, gender equity, tort law, and contract law. These topics will be examined using ethical standards and the philosophy of sport developed by each student. **Prerequisites:** Business Foundation Core, BAD 301, and SMGT 301.

SMGT 405. Financial Issues in Sport Business, 3 hours, Spring

An analysis of the financial and economic aspects and impact of the sport industry and a discussion of current financial trends and opportunities. Students will apply principles of financial analysis and management to sport and examine sources of capital funding and revenue. **Prerequisites:** Business Foundation Core, FIN 301, and SMGT 301.

SMGT 410. Sport Management Seminar, 3 hours, Spring

This seminar course will assess and apply the core concepts discussed in previous sport management courses. Students will receive real-life, hands-on training in preparation for entering the sport industry upon graduation. Students will improve written skills, speaking skills, and interview skills through interpersonal discussions and class preparations. Students will also use their Christian worldview to respond to current events in the world of sport. **Prerequisites:** SMGT 301 and SMGT 400. **Corequisites:** SMGT 401 and SMGT 405.

SMGT 465. Sport Management Internship, 3-6 hours, Fall, Spring, Summer

Supervised internship in sport industry. Students will have an opportunity to acquire and apply knowledge and skills in sport management. **Prerequisites:** Business Foundation Core, SMGT 301, junior/senior standing, and instructor's consent.

Theatre (TH)

TH 101A, 301A. Theatre Practicum, 1 hour each semester, Fall, Spring

Participation in a major theatrical production in either acting or technical aspects, depending on the decisions of the director. 101 may be repeated for up to 2 hours credit; 301 is repeatable up to 6 hours.

TH 110. Introduction to Theatre, 3 hours, Fall

A survey of the theatre and its history designed to build awareness and appreciation of the art form. To include a study of major production/performance styles.

TH 212. Voice and Physical Preparation, 3 hours, Spring odd years

Study in the fundamentals of vocal production and movement for the stage.

TH 213. Special Topics in Theatre, 1-3 hours, Offered as needed

Presentation/laboratory experiences on a single drama related topic. Subject matter will change each semester and the course may be repeated for different topics. Repeatable to a maximum of 6 hours.

TH 214. Basic Acting, 3 hours, Spring

Study of the techniques of characterization, mood, stage movement, voice and interpretation for the stage. Public performances.

TH 218. Scenery Construction and Lighting, 3 hours, Fall even years

Study of the fundamentals and techniques in scenery construction and lighting implementation.

TH 219. Costume Construction and Makeup, 3 hours, Fall odd years

Study of the basic application of stage, character, and special effects makeup and costume construction.

TH 310. Play Directing, 3 hours, Fall even years

Study of the role of the director including preparation, selection, casting, staging and rehearsal of performance material. Students will direct scenes. **Prerequisite:** TH 214 or instructor's consent.

TH 321. Scenography, 3 hours, Spring even years

The study of the theory and practice of design in relation to stage production.

TH 410SL. Production Development, 3 hours, Fall odd years

Advanced study in directing, design and theatre management through practical application. Emphasis is placed on leadership and collaboration in development of a theatrical production. **Prerequisites:** TH 310 or 321 or instructor's consent. This course is a service-learning course and may require additional time commitment outside of class. Students are responsible for any additional costs necessary to complete the service.

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TH 416. Advanced Acting, 3 hours, Spring odd years

Study of advanced acting styles, theories and techniques with emphasis on personal and psychological development of the actor. **Prerequisite:** TH 214 or instructor's consent.

TH 419-420. Senior Theatre Research/Project I, II, 1 hour, 2 hours, Fall, Spring

Two semester sequence courses in the research, preparation, rehearsal and performance of an original or published full-length production.

TH 466. Theatre Internship, 1-6 hours, Fall, Spring, Summer

Supervised experience with a professional, community, or educational theatre; must be approved by supervising faculty member. Guidelines may be obtained from the department. A total of 6 hours of internship credit may be taken in increments or 6 hours all at once. **Prerequisite:** Listed in guidelines.

Writing (WRIT)

WRIT 201. Business and Professional Communication, 3 hours, Fall

Designed for advanced students anticipating careers in a variety of fields, the course emphasizes the writing process, professional problem solving, and the integration of oral and written communication. **Prerequisites:** ENG 101. Same as BAD 201.

WRIT 307. Scientific and Technical Writing, 3 hours, Spring odd years

Designed for students preparing for careers in technical fields, the course concentrates on writing in technical forms of discourse, emphasizing practicing writing processes, secondary research, and problem-solving. **Prerequisites:** ENG 101 and 201.

WRIT 308. Editing and Publishing, 3 hours, Spring even years

Intensive study of the theory and practice of editing and publishing in a variety of electronic and printed texts. **Prerequisites:** ENG 101 and 201.

WRIT 330. Advanced Composition, 3 hours, Spring even years

Advanced composition focuses on the theory and practice of non-fiction, giving special attention to style, voice, organization, genre, and advanced writing techniques. **Prerequisites:** ENG 101 and 201.

WRIT 400. Advanced Rhetoric, 3 hours, Spring odd years

Advanced Rhetoric focuses on the theory, history, and practice of rhetoric in the Western tradition. **Prerequisites:** ENG 101 and 201.

Adult Degree Completion Programs

Bachelor of Business Administration

The Bachelor of Business Administration (BBA) is a 48-hour degree completion program designed for working adults who wish to complete their degree through an on-line program.

Admission Requirements

1. Student must complete online application.
2. Students must be classified as adult students.
3. Students should have completed at least 48 transferable hours to begin the program.
4. Students must have a 2.0 grade point average on college credit.
5. Students should complete the liberal arts core requirements prior to enrollment in the program. However, students may substitute up to 16 hours from the program to meet core requirements.
6. Students must complete 36 hours through Carson-Newman's degree completion courses. Students must complete at least 36 hours at the junior/senior level.
7. Students who transfer in comparable courses above 36 hours may have those courses considered for substitution for equivalent courses in the program.

Liberal Arts Core Requirements (36 hours)

Liberal Arts (4 hours)

Liberal Arts 1674

Studies in Biblical Traditions (8 hours)

Religion 367, 368.....8

Studies in Communications (6 hours)		
English 101		3
Any Communication, English, or Writing		3
Studies in Mathematics and Science (6 hours)		
Any Mathematics		3
Any Biology, Chemistry, Geology, or Physics.....		3
Studies in Personal/Social Awareness (3 hours)		
Any Psychology or Sociology		3
Studies to Enhance a World Perspective (9 hours)		
Any History or MILS 100.....		3
Any Art, Music, Theatre, Fine Arts, or Film.....		3
Any Political Science or Philosophy.....		3
 <u>Business Administration Requirements (47 hours)</u>		
ACCT 267	Organization Accounting and Finance	4
BAD 267	Business Communication Tools and Leadership	4
BAD 268	Business Information Tools	4
BAD 367	Legal and Ethical Environment of Business	4
ECON 267	Principles of Economics	4
FIN 367	Financial Management.....	4
MATH 201	Statistical Concepts and Methods	3
MGT 333	Essentials of Management and Leadership.....	4
MGT 367	Project Management Essentials	4
MGT 464	Strategic Management	4
MGT 468	Entrepreneurship	4
MKT 467	Marketing and Leadership	4
Elective Hours (37 hours)		37

Bachelor of Science in Interdisciplinary Studies

The Interdisciplinary Studies major is intended to develop a general understanding and interrelatedness of knowledge about humanity and the created order through humanities/fine arts, social/behavioral sciences, and natural science/mathematics as an adult learner degree completion degree option. The major explores various branches of human knowledge understanding that some disciplines have long established educational traditions while others are recently emerging displaying new methodologies and theoretical/analytical approaches to knowledge. The goal of the program is to develop interdisciplinary scholars equipped with various tools, skill sets, and knowledge from multiple disciplines in order to gain a new understanding of the world.

Admission Requirements

1. Student must complete online application.
2. Students must be classified as adult students.
3. Students should have completed at least 60 transferable hours to begin the program having earned at least 50% of those hours from a 4-year university.
4. Students must have a 2.0 grade point average on college credit.
5. Students should complete the liberal arts core requirements prior to enrollment in the program. However, students may substitute up to 16 hours from the program to meet core requirements.
6. Students must complete 36 hours through Carson-Newman's degree completion courses. Students must complete at least 36 hours at the junior/senior level.
7. Students who transfer in comparable courses above 36 hours may have those courses considered for substitution for equivalent courses in the program.

Liberal Arts Core Requirements (36 hours)

Liberal Arts (4 hours)		
Liberal Arts 167		4
Studies in Biblical Traditions (8 hours)		
Religion 367, 368.....		8
Studies in Communications (6 hours)		
English 101		3
Any Communication, English, or Writing		3
Studies in Mathematics and Science (6 hours)		
Any Mathematics		3
Any Biology, Chemistry, Geology, or Physics.....		3

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Studies in Personal/Social Awareness (3 hours)

Any Psychology or Sociology3

Studies to Enhance a World Perspective (9 hours)

Any History or MILS 100.....3

Any Art, Music, Theatre, Fine Arts, or Film.....3

Any Political Science or Philosophy.....3

Interdisciplinary Studies Major Courses (42 hours)

First Concentration18

Second Concentration12

Third Concentration12

Elective Hours (42)42

Adult Degree Completion Program Courses

Adult learners are permitted to enroll in undergraduate courses in the traditional undergraduate program. .

ACCT 267. Organizational Accounting and Finance, 4 hours

Accounting standards and terminology, fundamental financial and managerial accounting concept and the preparation of basic financial statements.

BAD 267. Business Communication Tools and Leadership, 4 hours

Through individual readings and research, the student will engage in a variety of learning activities to assist them in developing effective written, oral communication, and listening skills.

BAD 268. Business Information Tools, 4 hours

This course will assist students to organize, design, and prepare documents, presentations, worksheets, and databases useful in their educational, personal, and professional lives. Students will also cover the importance of ethical practices and reliability of research using the Web.

BAD 367. Legal and Ethical Environment of Business, 4 hours

The United States legal system coupled with consideration of ethical issues confronting the business professional. Topics covered include torts, contracts, agency, employment law, intellectual property rights, consumer protection, and other business concerns.

ECON 267. Principles of Economics, 4 hours

This course will explore principles of microeconomics and principles of macroeconomics, including resource allocation, supply and demand, market types, production and growth, fiscal and monetary policy, and international trade.

ENG 367. Novels and Emotional Intelligence, 4 hours

This course investigates theories of narrative suggesting readers develop emotional intelligence, particularly empathy, through novel reading. Novels read in this class will (a) model the acquisition of emotional intelligence and (b) allow students to develop such skills themselves.

FIN 367. Financial Management, 4 hours

Students learn the role of finance in a developed economy, in business firms, and how households use financial techniques. The course will focus on terminology, basic financial relationships, and financial institutions such as banks and insurance companies.

HIST 467. Women Changing the World, 4 hours

This course explores the ways in which women activists from the mid-19th century to the present have been instrumental in pushing societies around the world to embrace and put into practice the principles of equality, equal opportunity, human rights, and social justice.

ID 366. Family Systems Theory and Leadership, 4 hours

Family Systems Theory and Leadership examines the concept of Family Systems Theory and its application to leadership theory and practice. The course has a particular focus on Bowen Family Systems Theory and Servant Leadership.

ID 367. Human Emotions and Leadership, 4 hours

Human Emotions and Leadership examines the interplay of human emotions, in particular love and the related concept of altruism, with leadership theory. The course introduces the student to key concepts in the philosophical, theological, and scientific understandings of the study of love and its impact on the exercise of leadership.

ID 368. Organizational Communication and Leadership, 4 hours

This course focuses on the role of communication theory and skills as they apply to business and organizational settings. Students will explore organizational leadership models; effective communication skills with peers, superior, and subordinates; changing trends in organizations; and environmental factors impacting communication. Students will also participate in various assessments to develop a better understanding of themselves as leaders.

ID 467. Diversity in the Workplace, 4 hours

This online course explores the increasingly diverse workplace. Employees and employers must adapt to this multicultural environment. To enhance cultural competence, students will participate in active learning experiences designed to improve awareness and knowledge of their own cultural worldview, cultural differences, and cross-cultural skills.

LA 167. Introduction to Online Learning and C-N Liberal Arts, 4 hours

This course provides an orientation to online education and the liberal arts as they relate to Carson-Newman with a focus on time management, research techniques and practices, exploring the history of Christian liberal arts and the history of such an education at Carson-Newman. The student will understand the ideals celebrated on Carson-Newman's seal and throughout the university's history: Truth, Beauty, Goodness, Justice, and Courage.

MGT 333. Essentials of Management and Leadership, 4 hour

An introduction to business management concepts and leadership. Innovative leadership will be embedded into topics throughout the course in areas of traits, behaviors, types of leadership, empowerment, communications, diversity, power, and influence.

MGT 367. Project Management Essentials, 4 hours

Project Management Essentials provides the "holistic" skills needed to manage a project's complete life cycle that includes five (5) processes: initiation, planning, implementation, monitoring and control, and closing. This course will provide the student with the essential skills of project management that include the PMBOK Knowledge Areas of Integration, Scope, Time, Cost, Quality, Human Resources, Communications, Risk, and Procurement.

MGT 464. Strategic Management, 4 hours

A comprehensive interdisciplinary case study course that serves as the capstone course for all business majors. Students work in teams, from the viewpoint of consultants to top management, presenting and defending their analyses and recommendations.

MGT 468. Entrepreneurship, 4 hours

Entrepreneurship will provide the student with the necessary principles, skills and tools required to set up a new business venture, including writing a Business Plan that actually focuses on a "live" new business venture. The detailed Business Plan will include the following sub-section: Executive Summary, financials and financial analysis, marketing plan, human resource plan, market analysis, SWOT analysis, competitive analysis, operations plan, risk analysis, expansion plan, and a succession plan in case the new business venture is sold.

MKT 467. Marketing and Leadership, 4 hours

Marketing concepts and functions to which a marketer in a leadership role would be exposed, such as understanding buyers and markets, selecting a target market, and decisions regarding the marketing mix.

REL 367. The New Testament and Leadership, 4 hours

This course introduces the New Testament and provides an understanding of the context of the New Testament writings, their content, and the application, particular emphasis will be given to the various aspects of leadership exhibited throughout the New Testament, particularly in the life of Christ.

REL 368. Leadership in the Old Testament, 4 hours

A course addressing the background, growth, and relevance of the Old Testament. The student will be introduced to the literature and language of the Old Testament as well as the historical and theological developments in Old Testament studies. The student will also be exposed to the leadership themes present throughout the text of the Old Testament.

SOC 367. Leadership for Social Change, 4 hours

Role of innovative leaders and organizations promoting positive, intentional social change.

Definitions of Academic Terms

Academic Calendar	The system in which the school year operates which includes a fall and a spring semester and several accelerated summer terms. Traditional undergraduate programs are based on two 16 week semesters.
Academic Year	The traditional undergraduate program is 32 weeks and completion of a minimum of 24 semester credit hours for a full time student..
Add/Drop	The procedure through which students make a change in their schedule of classes by adding or dropping a course.
Advanced Placement	Credit for coursework based on required scores on the Advanced Placement Examination offered by the CEEB. College departments determine acceptable scores for awarding credit.
Advisor	A faculty member who meets with students to discuss curriculum choices and reviews progress toward attaining academic goals.
Attempted Hours	Course credits for which a student has been enrolled and received a grade.
Audit	Enrolling in a course without receiving credit.
Baccalaureate	A term relating to a bachelor's degree.
C-N Connect	A web-based module in which a student can access academic and financial records through a secured password.
Class Schedule	A listing of courses for a particular term in which a student is enrolled.
Class Standing	The numeric position of a student in a defined population (same as class rank).
Classification	A measure of progress toward degree completion based on total number of credit hours earned.
CLEP Test	Subject area examination administered by the College Entrance Examination Board.
Course Load	The total number of credit hours taken during a term. Students must complete an average of 16 hours per term to progress toward degree completion in 8 semesters.
Course Number	A number that identifies a specific course.
Course Title	The descriptive name of a course.
Credit	The number of credits assigned to course based on educational outcomes.
Credit by Exam	A procedure by which a student may receive credit by successfully demonstrating proficiency in a subject by passing a comprehensive exam covering course content.
Credit Hour	A credit is a unit of coursework represented by attainment of educational goals measured by learning outcomes.
Cumulative Hours	A sum of all credits earned, including transfer credits and all work taken at Carson-Newman.
Curriculum	The set of courses offered in a degree program. The plural form is curricula.
Degree Credit Hour	Any semester hour of credit that counts toward an institutional degree.
Degree Plan	A document outlining completion of credits earned and intention of completing remaining requirements for graduation to be submitted to the registrar for review and approval during the semester in which a student earns 90 hours.
Department	An organizational unit which offers instruction in a particular curriculum area.
Dismissal, Academic	A status in which the student is ineligible for further enrollment at Carson-Newman College.
Drop/Add	The procedure through which students make a change in their schedule of classes by dropping or adding a course.
Early Registration	The process of enrolling in classes before the beginning of the next term.
Elective	A course selected by the student which may or may not meet degree requirements.
Enrollment Confirmation	The process by which a student confirms their intention to enroll for the semester by paying their tuition and fees and signing a promissory note with the student accounts office.
Fee	A charge for special items or services not included in tuition.
Full Time Student	One enrolled for 12 or more undergraduate hours.

Good Standing	A status indicating that the student meets academic progression standards and is eligible to continue enrollment or to transfer elsewhere.
Grade Point Average	A measure of the student's academic performance. Computed by dividing the sum of grade points by the total attempted hours less hours which have grades of P, S. The Carson-Newman GPA includes only credit attempted at Carson-Newman. The cumulative GPA is determined by transferable coursework attempted at all institutions, including Carson-Newman.
Grade Points	Numerical values assigned to grades, A=4, B=3, C=2, D=1, F=0.
Honors Course	A course that limits enrollment to students participating in the Honors Program.
Incomplete Grade	A grade of "I" assigned by instructor due to unavoidable delay, usually illness. Counts as F in GPA computation until satisfactorily removed.
Independent Study	A course or program of study with topics chosen by the instructor and approved by the department chair and provost.
International Baccalaureate	Curriculum of six subject groups with examinations administered by the International Baccalaureate Organization which may carry transferable credit to Carson-Newman.
Legitimate Educational Interest	The need for information by a faculty member of school official to perform an administrative duty or task in order to fulfill their responsibility for the college. Disclosure of such information is limited to that which is necessary for the faculty member or school official to fulfill those responsibilities.
Liberal Arts Core	A common curriculum that provides students with a broad base of knowledge, Christian values, and skills that form the basis for developing important personal, intellectual, civic, cultural, and practical capacities.
Major	A chosen field of study.
Minor	A secondary field of study requiring less hours than a major.
Part Time Student	One carrying less than 12 undergraduate hours or 9 graduate hours during a semester.
Prerequisite	A condition, status, requirement or course that must be satisfied before a course can be taken.
Plagiarism	Using the intellectual property of someone else without citing proper credit or by misrepresentation of the work as original. Plagiarism is classified as academic dishonesty and is punishable as such.
Probation (Academic)	An academic status resulting from unsatisfactory academic performance when a student's GPA is less than the minimum standard academic progression requirement for good standing.
Probation (Disciplinary)	A status resulting from unsatisfactory conduct apart from academic performance.
Proficiency Exam	See credit by exam.
Program	An interdisciplinary set of prescribed courses required to earn a bachelor's degree.
Registration	The procedure by which students enroll.
Schedule of Classes	Information containing course and section offerings for a give term. If is found on C-N Connect and the Registrar's web page.
School Year	See calendar.
Section	A division of a course between one or more instructors but with the same subject matter.
Semester Hour	See Credit Hour.
Standing (Academic)	A student's status based on academic performance, i.e., good standing, academic probation, suspension or dismissal.
Suspension	A status in which the student is not allowed to continue enrollment at Carson-Newman College for a specific period of time.
Term	A calendar unit, applicable to summer sessions, of shorter duration than a semester.
Transcript	A copy of the student's permanent academic record. The record becomes official when the seal of the college is affixed and signed by the Registrar.
Tuition	The amount of money charged each semester or term for instructional purposes.
Withdrawal	The termination of a student's attendance in a class or all classes before the end of a semester. A student may voluntarily withdraw or an administrative withdrawal will be processed when the student discontinues class attendance before the end of the term.

ABBREVIATIONS

ASE	Academic Skills Enhancement
ACCT	Accounting
ART	Art
BIOL	Biology
BAD	Business Administration
CHEM	Chemistry
CFS	Child and Family Studies
CGE	Center for Global Education
COMM	Communication Studies
CIS	Computer Information Systems
CS	Consumer Services
CSC	Computer Science
DRED	Driver Education
ECON	Economics
EDUC	Education
ELI	English Language Institute
ENDR	Engineering Drawing
ENG	English
EXSC	Exercise Science
FCS	Family and Consumer Sciences
FCSE	Family and Consumer Science Education
FILM	Film
FMD	Fashion Merchandising and Design
FN	Foods and Nutrition
GEOG	Geography
GEOL	Geology
GER	German
GRK	Greek
HLTH	Health
HEB	Hebrew
HIST	History
HON	Honors
HUM	Humanities
ID	Interdisciplinary
INTD	Interior Design
MGT	Management
MATH	Mathematics
MILS	Military Science
MUS	Music
NURS	Nursing
PHIL	Philosophy
PE	Physical Education
PHYS	Physics
PSC	Political Science
PSY	Psychology
REC	Recreation
REL	Religion
SOC	Sociology
SPAN	Spanish
SPED	Special Education
TH	Theatre
WRIT	Writing

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Ronda Blevins, BA, MS, EdS, EdD
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Jordan Elliott, BS
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Steve Finchum
Regenia Ford

Alumni Relations Coordinator
Dean of Students
Online Support Specialist
Head Men's Basketball Coach
Assistant Athletic Trainer
Financial Aid Counselor
Military Services Coordinator
Graduate Advising Coordinator, Education
Head Dance/Cheer Coach
Academic Advisor, Student Success
Assistant Athletic Trainer
Assistant Football Coach
Assistant Baseball Coach
Coordinator of Appalachian Outreach and Samaritan House
Assistant Women's Basketball Coach
Assistant Athletic Trainer
Director of Residence Life
Collections Coordinator
Compliance Coordinator, Assistant Athletic Director for Internal Operation
Assistant Basketball Coach, Recruitment Coordinator
Assistant Athletic Trainer
Director, Counseling Services
Sports Information Director
Network and Systems Support Specialist
Director for the Center of Community Engagement
Admissions Representative
Head Football Coach
Assistant Director of Graduate Admissions
Assistant Strength and Conditioning Coach
Assistant Men and Women's Swim Coach
Assistant Football Coach
Graphic Designer
Assistant Football Coach
Business Intelligence Developer
Associate Director of Admissions
Head Women's Soccer Coach
Media and Public Relations
Media Specialist
Director, Child Development Lab
Director of Student Activities
Telecommunication/Electrical Specialist
Human Resource Coordinator

Karrie Foust, BA	Appalachian Outreach Coordinator
James Frederick, BS, MEd	Head Men and Women's Tennis Coach
Antonio Goss, BA	Assistant Football Coach
Michael Graves, BS	Head Softball Coach
Sheryl M. Gray, BS, MS	University Registrar
Thomas Griffin, BS	Head Baseball Coach
Tina Griffin	Financial Aid Representative
Timothy Guthrie, BA	Teacher Education Admissions and Services Advisor
Jamie Hamer, BA, MA	Transfer Admissions Representative
Taylor Hawkins, BS, MBA	C-N Fund Coordinator
Daniel Harrison, BS	Assistant Athletic Trainer
Adrianne Hedges, BA	Assistant Director of First Year and Conference Services
Corbin Hedges, BS	Director of Recreational Services and the MSAC
Diane Hendricks, BBA	Financial Aid Counselor
Melissa Hensley, BFA, MBA	Accreditation Liaison and Associate Director of Institutional Effectiveness
Tamra Hickie, BS, MAT	Lead Teacher, Child Development Lab
Lynda M. Hill, BS	Assistant Registrar
Danny Hinson, BS, MA, EdS, PhD	Dean of Global Education
Lisa Hodge	Data Management Coordinator, Education
Phyllis Hoover, BS	Coordinator for International Student Services
Amy E. Humphrey, BA, MS	Director of Student Success
David Humphrey, BS, MAT	Coordinator for Students with Disabilities
Cheri Intveld, BS, MS	Director of Freshman Year and Conference Services
Michael Iverson, AS	Director, Department of Public Safety
Kendra Ivins, BA	Residence Life Coordinator, Burnette
Connie Kenyon, BS	Enterprise Systems Programmer-Analyst
Charles Key, BA	Director of Marketing and Communication
Robert Key, BS, MBA	Controller
Tracey Lane	Associate Director of Physical Plant
Shelly Laux, MBA, MA	Assistant Vice President for Advancement
Brooke Leach	Outreach Coordinator/Counselor
Johnny Long, BA, MS	Athletic Strength and Conditioning Coach
Stephen Lyons, BS, MBA	Head Men's Soccer Coach
Sherry Manning, BA	Compliance Assistant
Kenneth P. Massey, BS, MS	Data and Business Analyst
Keith McDaniel, BA, ThM	Multimedia Specialist
David McNeely, BA, MDiv	Coordinator, Faith and Justice Scholars Program
Nathan Miles, BS	Enterprise Systems Programmer-Analyst
Elizabeth J. Miller	Executive Assistant to the President
Michael Mincey, BA	Head Women's Basketball Coach
Kayla Moffitt, BA	Senior Admissions Counselor
Ande Munsey, AS	Information and Data Research Analyst
Tina Murrow, BA	Academic Advisor, Student Success
David Needs, BA, MA	Director of Track and Field/Cross Country
Donnie L. Newman, BS	Director of Media Center
Dan Redding, AB, MS	Assistant Football Coach
Liebe Rice, BA	Financial Aid Verification Counselor
Tina Rich, BS	Assistant Director of Financial Aid
Jessica Rickett, BA	Academic Advisor, Student Success
Brandon Roberts, BA, MEd	Assistant Baseball Coach
Hunter Sales, BS	Head Eagle Anglers Coach
Danette S. Seale, BS, MBA	Director of Financial Aid
Jill Seals, BS	Administrative Assistant for Vice President for Athletics
Kim Sexton, BSN, RN	University Nurse
Jennifer Shope, BS	Administrative Assistant to the President
Deanna Simpson-Beavers, BA	Community Development Coordinator
Larry Slade, BS	Assistant Football Coach
Allison Fountain Smith, BA	Residence Life Coordinator, Appalachian Commons
Ashley Smith, BA, MA	Residence Life Coordinator
Elaine Smith, BS, MBA	Assistant Vice President of Finance and Business
Leah Smith	Administrative Assistant for Advancement
Mackenzie Smith, BA, MSSW	Coordinator of FYCS and Academic Advisor, Student Success
Spenser Smith, BS	Admissions Counselor

234 Administrative Staff - Faculty

Tristan Stalsworth, BS, MBA	Staff Accountant
Nathan Sommers, BS	Assistant Athletic Trainer
Valerie Stephens, BS, MBA	Online and Distance Learning Director
Tyler Stepp, BS, MBA	Head Cross Country Coach
Nilma Stewart, BA, BS, MEd	Graduate and Adult Admissions Representative
Suzanne Strudwick	Head Women's Golf Coach, Senior Women's Administrator
Melissa Summey, BA, MS	Assitant Director for Global Education
Aaron Taylor, AS	Network and Systems Support Specialist
Jordan Taylor, BS	Head Swim Coach
Ashley Tiernan, BA, MA	Head Volleyball Coach
Kristen Toppel, BS	Assistant Softball Coach
Susie Trentham	Director of Advancement Services
David Tuell, BS, MBA	Director of Information Technology
Shannon Tuell, BA, MSSW	Counselor
Josh Turner, BS	Assistant Football Coach
Todd Turpin, BS	Associate Director of Marketing
Mike Van Bruggen, BA, MS	Head Athletic Trainer
Darlene Wambaugh, AS, BA	Associate Director of Financial Aid
Jean Ann Washam, BA, MATS	Director of Appalachian Outreach
Ondes Webster	Director of Physical Plant
Josh Weiler, BS	Associate Director, Information Technology Services
Titus Whitlaw, AS	Network and Systems Support Specialist
Clay Wilkerson, BA, MEd	Transfer Coordinator, Admissions
Charles Wilt	Home Repair Coordinator
Mark Workman, BS, MEd	Director of Career Development
Randy Wylie, BS	Head Men's Golf Coach

FULL-TIME FACULTY

John K. Alpers, *Assistant Professor of Business*, 2018; B.S., Saint John's University; M.B.A., University of Saint Thomas

D. Brian Austin, *Professor of Philosophy*, 1995; B.A., Samford University; M.Div., Ph.D., Southern Baptist Theological Seminary

Philip E. Bailey, *Assistant Professor of Business*, 2015; B.A. The Citadel; M.B.A., King University; Ph.D., Walden University

Mary E. Baldridge, *Professor of Foreign Languages, Chair of Linguistics, Philosophy and World Languages*, 2001; B.A., Berea College; M.S., M.A., Ph.D., University of Tennessee, Knoxville

Sheridan C. Barker, *Professor of Communication*, 1980; B.A., Carson-Newman College; M.S., Ed.D. University of Tennessee, Knoxville

Tammy Barnes, *Associate Professor of Education*, 2018; B.S., M.ED., Ed.D., East Tennessee State University

Thomas Preston Bass, Jr., *Professor of Mathematics, Chair of Math, Physics, and Computer Science*, 1995; B.A., Mercer University; M.A., Ph.D., Vanderbilt University

Hester D. Beecher, *Professor of Marketing*, 2004; B.S., M.S., Ph.D., University of Tennessee, Knoxville

Kyle D. Biery, *Associate Professor of Theatre, Charles Fuller Endowed Chair of Drama*, 2008; B.A., University of Tennessee, Knoxville; M.F.A., University of North Carolina, Greensboro

Benjamin J. Billman, *Assistant Professor of Sport Management*, 2017; B.S., Taylor University; M.S., Liberty University; Ed.D., United States Sports Academy

Joshua A. Bivens, *Assistant Professor of English, Director of Academic Skills Enhancement*, 2017; B.A., Carson-Newman University; M.A., Western Carolina University

Patricia L. Bivens, *Associate Professor of Music, Director of Bands*, 2008; B.A., West Virginia Wesleyan College; M.M.E., Texas Christian University

Kimberly S. Bolton, *Associate Professor of Graduate Nursing, Director of MSN Program*, 1997; B.S.N., M.S.N., Ph.D., University of Tennessee, Knoxville

Mark G. Borchert, *Professor of Communication, Chair of Communication*, 2003; B.A., Carson-Newman College; M.A., Southern Baptist Theological Seminary; M.A., University of Texas at Austin; Ph.D., University of Colorado at Boulder

Karla R. Bowers, *Assistant Professor of Chemistry, EPA Coordinator*, 1994; B.S., Appalachian State University; M.S., University of Tennessee, Knoxville

Patsy K. Williams Boyce, *Professor of Biology*, 1988; B.A., Berea College; M.S., Ph.D., University of Tennessee, Knoxville

Robyn Branca, *Assistant Professor of Psychology*, 2019; B.A., M.A., University of North Carolina at Charlotte; Ph.D., University of Kentucky

Susan L. Brantley, *Assistant Professor of Family and Consumer Sciences*, 2020; B.S., M.S., University of Tennessee, Knoxville

- Mark N. Brock**, *Professor of Education (TESL), 1996-2001, 2003*; B.A., Carson-Newman College; M.Div., Southern Baptist Theological Seminary; M.A., University of Hawaii; Ph.D., Indiana University of Pennsylvania. Further study: University of Kentucky
- Ross Brummett**, *Professor of Religion 1987*; B.A., Ouachita Baptist University; M.Div., Ph.D., Southern Baptist Theological Seminary, Further study: University of Louisville, Baylor University
- Matthew Bryant Cheney**, *Assistant Professor of English, Director of Center for Service Learning and Civic Engagement, 2019*; B.A., Carson-Newman University; M.A., University of Tennessee, Knoxville; Ph.D., University of Kentucky
- Jeremy J. Buckner**, *Provost, Dean of Adult and Graduate Studies, Associate Professor of Music, 2008*; B.M., M.M.Ed., Ph.D., Texas Tech University
- Andrew Burrow**, *Assistant Professor of Religion, 2020*; B.A., Samford University; M.A., Yale University; Ph.D., St. Mary's University, England
- Carolyn G. Carlisle**, *Associate Professor of Counseling, Chair of Counseling, 2008*; B.S., M.S., Texas A & M University; Ph.D., University of Tennessee, Knoxville
- Gregory A. Casalenuovo**, *Professor of Nursing, 1996*; B.S.N., M.S.N., University of North Carolina, Chapel Hill; Ph.D., University of Tennessee, Knoxville
- Cassandra H. Catlett**, *Associate Professor of Accounting, 2007-17, 2020*; B.S., Carson-Newman College, MAcc., University of Tennessee, Knoxville
- Tamara Centis**, *Assistant Professor of Foreign Languages, 2018*; B.A., University of Alicante, Spain; Ph.D., M.A., University of Tennessee, Knoxville
- Beau Christian**, *Assistant Professor of Nursing, 2019*; B.S., M.S.N., California Baptist University
- R. Barry Clark**, *Director of the English Language Institute, Assistant Professor of English as a Second Language, 2016*; A.S., Roane State Community College; B.S., Tennessee Technological University; M.Div., Mid-America Baptist Theological Seminary; M.A.T., Carson-Newman University
- James E. Collins, II**, *Professor of Psychology, 1990*; B.A., University of North Carolina, Chapel Hill; M.S., Ph.D., University of Georgia
- Shannon Carpenter Collins**, *Associate Professor of English, Associate Chair of English, 2003*; B.A., M.A., University of South Alabama; Ph.D., University of Tennessee, Knoxville
- Lisa A. Connor**, *Assistant Professor of Family and Consumer Sciences, 2017*; B.S., M.S., Lehigh University; Ph.D., University of Tennessee, Knoxville;
- David E. Crutchley**, *Professor of Religion, Dean of the School of Religion, 2004*; B.L., L.L.B., University of Rhodesia; M.Div., Ph.D., Southwestern Baptist Theological Seminary
- Christine N. Dalton**, *Professor of Chemistry, Dean of the School of Natural, Applied, and Health Sciences, Chair of Chemistry and Health Sciences, 2003*; B.A., Carson-Newman College; Ph.D., University of North Carolina, Chapel Hill
- Steve A. Davidson**, *Associate Professor of Education, 2017*; B.M., Carson-Newman College; M.Ed., East Tennessee State University; Ed.D., Trevecca Nazarene University
- Brenda P. Dean**, *Assistant Professor of Education, Director of Institutional Effectiveness, 2015*; B.S., Tennessee Technological University; M.S., University of Tennessee, Knoxville; Ed.D., East Tennessee State University
- A. Rae Dutro**, *Assistant Professor of Family and Consumer Sciences, 2015*; B.S., M.S., East Tennessee State University; Ph.D., Virginia Polytechnic Institute and State University
- April K. Dye**, *Associate Professor of Psychology, Director of Honors Program, 2008*; B.A., University of Tennessee, Knoxville; M.A., Ph.D., Miami University
- Adam Einhardt**, *Assistant Professor of Nursing, Graduate, 2019*; A.A., Oakland Community College; B.S., Wheaton College; M.S.N., Vanderbilt University; D.N.P., University of Alabama at Birmingham
- Samuel B. Emmons**, *Assistant Professor of Physics, 2018*; B.M., University of Wisconsin-Eau Claire; Ph.D., University of Tennessee, Knoxville
- Lisa W. Flanary**, *Associate Professor of Art, 2006*; B.A., Carson-Newman College; M.F.A., East Tennessee State University
- J. L. Ryan Fogg**, *Professor of Music, 2006*; B.M., East Texas Baptist University; M.M., University of Houston; D.M.A., University of Texas at Austin
- Heather Hartman Folks**, *Assistant Professor of Art, 2019*; B.F.A. Auburn University; M.F.A., University of Tennessee, Knoxville
- Amanda R. Ford**, *Assistant Professor of History, 2016*; B.A., Carson-Newman University; M.A., Queens University, Belfast; Ph.D., University of Arkansas
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- Mary Van Huss**, *Education*, B.A., M.B.A., King University
- Kevin Van Pelt**, *Physical Education and Exercise Science*, B.S., M.Ed., Mount Vernon Nazarene University; Ed.S., Carson-Newman University
- Teresa Vest**, *Academic Skills Enhancement*, B.S., Carson-Newman University; M.Ed., Ed.S., University of Tennessee, Knoxville
- Kathleen Villars**, *Business*, B.B.A., University of Wisconsin, Oshkosh; M.B.A., Marquette University
- Linda Vittetoe**, *Physical Education*, B.S., University of Tennessee, Knoxville
- Gloria Walker**, *Physical Education*, B.S., University of Memphis; M.Ed., Carson-Newman University
- Patricia Webb**, *Foreign Language*, B.A., University of Memphis; M.Ed., Carson-Newman University; Ed.S., Lincoln Memorial University
- Matthew Weyer**, *Music*, B.M., University of Tennessee, Knoxville; M.M., University of Georgia
- Samuel Clay Wilkerson**, *Religion*, B.A., Carson-Newman University; M.A., Tusculum College; M.A., Lee University
- Kathy Wilkinson**, *Nursing*, B.S.N., M.S.N., Radford University
- Jerry Wood**, *Business*, B.B.A., Marshall University; M.B.A., King College; D.B.A., Argosy University
- Jeanette Woods**, *Education*, B.S., Carson-Newman College; M.S., University of Tennessee, Knoxville
- Lee Workman**, *Academic Skills Enhancement*, B.S., University of Tennessee, Knoxville
- Mark Workman**, *Interdisciplinary Studies*, B.S., M.S., University of Tennessee, Knoxville
- Billie Yardley**, *Education*, B.S., M.S., University of Tennessee, Knoxville

RECIPIENTS OF THE
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Robert M. Burts	1969
Sherman B. Vanaman	1970
William L. Blevins	1971
Ben E. Philbeck	1972
Joe A. Chapman	1973
Walter B. Shurden	1974
Howard Chitwood	1975
R. R. Turner	1976
Ben L. Sloan	1977
Martha B. Wilson	1978
Jeff Daniel Marion	1979
Paul D. Brewer	1980
Charles H. Jones	1981
Verner T. Hansen	1982
Louis O. Ball	1983
Carolyn D. Blevins	1984
Carey R. Herring	1985
Joe W. Sloan	1986
David W. Garner	1987
Truett C. Patterson	1988
M. B. Fletcher	1989
Frank H. Pinkerton	1990
James L. Baumgarner	1991
Don H. Olive	1992
Gerald C. Wood	1993
John Lee Welton	1994
Kitty R. Coffey	1995
Robert M. Shurden	1996
Ellen M. Millsaps	1997
Edward T. Freels, Jr.	1998
Charles G. Moffat	1999
Patsy W. Boyce	2000
James A. Coppock	2001
Sharon T. Teets	2002
Eric A. Thorson	2003
Mark A. Heinrich	2004
Thomas B. Milligan, Jr.	2005
Phyllis N. Driver	2006
Ernest D. Lee	2007
D. Ann Jones	2008
Stephen R. Karr	2009
G. Laurence Osborne	2010
Ross Burmmett	2011
D. Brian Austin	2012
K. Elizabeth Vanlandingham	2013
Margaret A. (Pegg) Hypes	2014
W. Robert Trentham	2015
David E. Crutchley	2016
Jennifer W. Hall	2017
Healthier M. Whaley	2018
Bruce G. Kocour	2019
D. Clark Measels	2020

EMERITI

The second date in parentheses indicates the year of retirement from the university.

Victoria B. Barker, Professor Emerita of English (1984-2018)
Carolyn Blevins, Associate Professor Emerita of Religion (1977-2006)
William L. Blevins, Professor Emeritus of Counseling (1966-2011)
Imogene B. Brewer, Associate Professor Emerita of Library Services, Catalog Librarian (1965-1993)
Bernard Bull, Professor Emeritus of Education (1972-2007)
Michael L. Bundy, Professor Emeritus of Counseling (2008-2018)
John W. Burton, Professor Emeritus of Physics (1964-2002)
Catherine Norris Bush, Associate Professor Emerita of Family and Consumer Sciences (1989-2015)
Diana D. Carroll, Professor Emerita of Family and Consumer Sciences (1977-2014)
Maria B. Clark, Professor Emerita of Spanish (1991-2018)
R. Earl Cleveland, Professor Emeritus of Art (1964-1994)
Kitty Coffey, Professor Emerita of Family and Consumer Sciences (1977-2019)
Jim Coppock, Associate Professor Emeritus of Management (1961-1964 and 1969-2006)
W. Glenn Cragwall, Professor Emeritus of Communication (1988-2002, 2006-2018)
Jim Coppock, Associate Professor Emeritus of Management (1961-1964 and 1969-2006)
Ray Dalton, Professor Emeritus of Sociology (1990-2019)
Phyllis Driver, Associate Professor Emerita of Accounting (1978-2007)
Lynda M. Dunn, Associate Professor Emerita of Music (1994-2008)
M. B. Fletcher, Professor Emeritus of Psychology (1971-1994)
Carey R. Herring, Professor Emeritus of Mathematics (1967-2011)
William C. Houston, Associate Professor Emeritus of Art (1987-2014)
Dorothy Ann Jones, Professor Emerita of Music (1967-2017)
Ernest D. Lee, Jr., Professor Emeritus of English (1988-2013)
Jeff Daniel Marion, Associate Professor Emeritus of English (1966-1968, 1969-2002)
Alice H. McCurry, Associate Professor Emerita of Nursing (1987-2014)
Linda B. McGoldrick, Assistant Professor Emerita of Family and Consumer Sciences (1991-2012)
Mary Meighan, Assistant Professor Emerita of Nursing (1996-2004)
Ronald G. Midkiff, Professor Emeritus of International Education (1977-2000)
Karen L. Milligan, Professor Emerita of Education (1996-2017)
Thomas B. Milligan, Jr., Professor Emeritus of Music (1978-2017)
Ellen M. Millsaps, Professor Emerita of English (1979-2011)
Charles Moffat, Professor Emeritus of History (1969-2010)
Kenneth C. Morton, Professor Emeritus of Chemistry (1985-2014)
Thomas N. O'Neal, Professor Emeritus of Physics (1967-2004)
Guy Laurence Osborne, Professor Emeritus of Psychology (1979-2014)
Truett C. Patterson, Professor Emeritus of Chemistry (1964-2002)
James L. Pethel, Associate Professor Emeritus of Music (1962-1999)
Frank H. Pinkerton, Professor Emeritus of Chemistry (1978-2011)
Tippie A. Pollard, Professor Emerita of Nursing (1983-2003)
Paul W. Roden, Registrar Emeritus and Director Emeritus of Records (1965-1991)
Dorothy Scott Seymour, Professor Emerita of Nursing (1986-1994)
Robert M. Shurden, Professor Emeritus of Religion (1979-2000)
Evelyn S. Simpson, Professor Emerita of Home Economics (1965-1980)
Joe Bill Sloan, Professor Emeritus of Political Science (1969-2010)
Louise D. Snodderly, Assistant Professor Emerita of Library Services (1967-1990)
W. Sue Swilley, Professor Emerita of Music (1965-2004)
Millicent M. Taylor, Professor Emerita of Business (1995-2011)
Sharon T. Teets, Professor Emerita of Education (1980-2017)
John Lee Welton, Professor Emeritus of Communication Arts (1960-1997)
Martha B. Wilson, Associate Professor Emerita of Health, Physical Education, and Recreation (1965-1991)
Gerald C. Wood, Professor Emeritus of English (1971-2011)
David N. Young, Professor Emeritus of History (1962-1996)

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