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Campus Information

Sterling College
125 W. Cooper, Sterling, KS 67579
http://www.sterling.edu
Information: cic@sterling.edu, 800-346-1017, FAX 620-278-4411
Admissions: admissions@sterling.edu
Sterling College Online: http://online.sterling.edu

Location: Sterling, Kansas, on Kansas Highways 14 and 96, 18 miles northwest of Hutchinson

Sterling College is an accredited, 4-year, liberal-arts college, offering undergraduate education from a Christian perspective.

Accredited by The Higher Learning Commission and a member of the North Central Association, (1-800-621-7440) www.ncahlc.org; and by the Kansas State Board of Education, 300 SW Tenth, Topeka, KS 66612. For full listing of accreditations see page 11.

Statement of Nondiscrimination

Sterling College does not discriminate on the basis of race, color, national origin, sex, disability, or age. Persons having inquiries concerning the College’s compliance with Title VI, Title IX, Section 504, Clery Act, ADA, and the Age Discrimination Act may contact the Vice President for Student Life or the Chief Financial Officer, Sterling College, Sterling, Kansas 67579, (620) 278-2173.

Because scheduling classes and arranging housing in accessible facilities may require advance planning, students with disabilities accepted for admission should identify themselves at least one month before the start of the semester of admission and indicate the nature of accommodations requested and to be validated by Sterling College.

The content of this document is provided for the information of the student. The catalog is not a contract between the student and the College. It is accurate at the time of printing, but is subject to change as deemed appropriate by the College in order to fulfill its mission or to accommodate circumstances beyond its control. Any such changes may be implemented without prior notice and without obligation and, unless otherwise stated, are effective when made. Students are expected to read and become familiar with the information contained in the Academic Catalog and are responsible for knowing and following policies, deadlines and requirements for admission, registration and degree completion.
Academic Calendar for On Campus Programs

**Fall Semester** 2013

Residence Halls open – 9:00 a.m.
First evening meal - new students.........................Aug. 17
New Student Orientation....................................Aug. 17-19
Residences open for returning students...............Aug. 19
Classes begin...............................................Aug. 21
Labor Day (no classes/campus closed).................Sept. 2
Last day to drop/add courses or select P/F (5 PM)......Sept. 4
Last day to remove Incompletes from Spring/Summer...Oct. 4
Fall Breather (no classes).............................Oct. 10-11
Mid-term grades distributed............................Oct. 11
Homecoming................................................Oct. 19
Enrollment for Spring....................................Oct. 21-Nov. 5
Last day to withdraw.....................................Oct. 22
Thanksgiving Break ......................................Nov. 25-29
Classes resume.............................................Dec. 2
Final exams week..........................................Dec. 9-12
Fall Semester ends (5 PM)..............................Dec. 12

**Interterm** 2014

Registration for all students............................Jan. 6
Classes begin...............................................Jan. 7
Last day to drop/add courses or select P/F (5 PM)......Jan. 8
Last day to withdraw.....................................Jan. 9
Martin Luther King, Jr. Day (campus closed)............Jan. 20
Last day of Interterm....................................Jan. 24

**Spring Semester** 2014

Last day to register for Spring...........................Jan. 27
Classes begin...............................................Jan. 28
Last day to drop/add courses or select P/F (5 PM)......Feb. 7
Spring Break ................................................Mar. 10-14
Classes resume.............................................Mar. 17
Last day to remove Incompletes from Fall/Interterm....Mar. 21
Mid-term grades distributed............................Mar. 25
Last day to withdraw.....................................Apr. 1
Enrollment for Fall ........................................Apr. 1-11
Easter Break (no classes).................................Apr. 18-21
Final exams ................................................May 12-15
Spring Semester ends (5 PM)............................May 15
Baccalaureate (7:30 PM)..................................May 16
Commencement (9:45 AM)...............................May 17
General Information
Mission of Sterling College

Our Mission: To develop creative and thoughtful leaders who understand a maturing Christian faith.

Our Vision: To be recognized as the finest Christ-centered, servant leadership development-focused, liberal arts experience in the Great Plains.

Our Core Values: In active, vital partnership with church, community, and strategic partners, and ever striving for first-class quality in all that it does, the Sterling College community will be guided in all its work by the following intrinsic values:

Calling: Faithful discovery and pursuit of each person’s particular calling in life.
Learning: A love of learning and a dedication to the pursuit of truth.
Integrity: Integrity in scholarship, the arts, athletics, and all other co-curricular activities.
Service: Faithful practice of redemptive servant leadership involving a vision of wholeness in a broken world.
Community: Mutual respect amid diversity as members of the body of Christ.

Our Priorities: Sterling College is committed to an environment of academic excitement in the tradition of a thorough exploration of all truth in the light of God’s Word. An enthusiastic Christian faith and experience permeate all aspects of the College life. Activities are designed to encourage and to develop the skills necessary to understand our world and to create positive change in it. Specifically, we seek to build within our student’s creativity, critical thinking, effective communication, and leadership for use in the workplace, as well as in the community, church, and home. We seek to cultivate a Christ-centered worldview through which students are able to explore and understand themselves, their faith, their environment, and their heritage. We further strive to foster the values of independent inquiry, a thirst for lifelong learning, emotional maturity, and positive self-worth, and an understanding of a maturing Christian faith that provides the foundation and meaning for life.
Our Process: The College works to achieve its priorities through the learning experiences of the liberal arts curriculum, faculty/student interactions, and a residential lifestyle. The liberal arts curriculum is designed to build breadth and depth of understanding through a general education core, specialization in a major, and attention within majors to career preparation. The College affirms the primacy of the faculty/student relationship and the importance of excellence in instruction and advising. Relationships of faculty to students are built around principles of serving, mentoring, modeling, and discipleship. The campus lifestyle is designed to provide a unifying community experience for social, educational, and faith development.

Our Statement of Faith: The board, faculty, administration, and staff possess an active and visible Christian faith which encourages the entire campus community in its pursuit of a wholesome and practical Christian life. We personally trust in and collectively bear witness to the one, eternal God, revealed as Father, Son, and Holy Spirit.

- We believe in God the Father who created the heavens and the earth.
- We believe in God the Son, Jesus Christ, who was conceived by the Holy Spirit and born of the Virgin Mary. Jesus suffered, died, and was buried. He rose from the dead. Jesus ascended into heaven and remains with the Father and the Holy Spirit to judge the living and the dead. Jesus Christ alone is the way, the truth, and the life. There is salvation in and through no other.
- We believe in God the Holy Spirit who is the comforter, sustainer, and sanctifier of all who profess faith in Jesus Christ as Savior and Lord.
- We believe that humanity has hope for redemption from sin by Jesus Christ’s life, death, and resurrection. It is by God’s grace alone that we joyfully receive our salvation through a personal faith in Jesus Christ.
- We believe that the Bible is God’s revealed Word. It is authoritative and infallible in all matters of faith and practice.
- We believe that the Church is the body of Christ and God’s witness in the world.
- We believe that Jesus Christ will return and claim his own, ushering in the new heaven and new earth in which righteousness will dwell and God will reign forever.

Our Relationships: Founded in 1887 by the Synod of Kansas of the United Presbyterian Church of North America, Sterling College continues to affirm its
historical ties with the Reformed tradition. As an institution, the College nurtures and develops strategic partnerships within the Presbyterian Church (USA), and with evangelical organizations, in order to advance the mission and vision of the College. Accountability for the College’s mission and vision rests in governance by an independent self-perpetuating Board of Trustees. Sterling College holds strong the mandate of the original charter to be “thoroughly Christian, but not in any sense sectarian.” The diversity of God’s people is welcomed, and the College respects the differences in denominationally distinctive worship traditions.

Institutional Learning Objectives: The Sterling College graduate will:
1. Demonstrate sufficient content knowledge to be successful in his or her chosen profession or advanced academic endeavors.
2. Demonstrate understanding of relationships between his or her chosen area of study and the world and its cultures.
3. Exercise the intellectual, communicative, and social skills reflective of creative and thoughtful servant leadership.
4. Demonstrate an understanding of the personal and civic skills necessary for a productive life of faith and service.
5. Demonstrate understanding of how Biblical principles affect personal, professional, and academic life.

Philosophy of Education

Sterling College strives for academic excellence through a variety of approaches to learning. In the belief that learning and Christian commitment are important to developing a well-rounded person, students are encouraged to develop a view of the world in God’s terms. Sterling College’s curriculum provides the student with a broad educational experience that is also deep enough to prepare students to contribute to a rapidly changing world.

The History of Sterling College

The United Presbyterian Church of North America, which later joined what is now the Presbyterian Church (USA), organized Cooper Memorial College in 1887. The original name honored a revered former leader of the denomination. The original curriculum offered four majors and a preparatory department offering high school courses for those students unable to attend such institutions in their home communities. The major included a “Classical Course,” a general liberal arts
emphasis, a “Normal Course” for prospective teachers, an “English Course” for future school administrators, and a business course.

These original curriculum choices remain the primary focus of Sterling College (renamed in 1920) into this new millennium. Few other colleges in the United States have been able to retain their original focus while continually updating the content of courses and the techniques of teaching them.

Another distinctive aspect of Sterling College, dating from its inception, is the emphasis placed on its status as a Christian college within the Presbyterian tradition. Its faculty and staff are believing Christians who strive to combine the concepts of faith and learning in their lives and in the classroom.

Sterling College looks to the future with confidence. With support from the community, churches, and thousands of dedicated alumni and friends who annually help the College, the Sterling College tradition continues. The background and interests of the students combined with the College’s Christian focus, gives Sterling College a heritage and a future which promise each student a concerned and supportive learning environment.

**Family Educational Rights and Privacy Act (FERPA)**

The Family Educational Rights and Privacy Act of 1974 as amended by Buckley/Pell Amendment, Section 153 of the Education Amendments of 1974, is a Federal law that governs the release of and access to educational records. These rights include:

- The right to inspect and review your education record within a reasonable time after we receive a request for access. If you want to review your record, contact the office that maintains the record to make appropriate arrangements. Right of access is not extended to records maintained by administrative and educational personnel that are in sole possession of the maker and are not accessible to any other person.

- The right to request an amendment to your education record if you believe it is inaccurate or misleading. If you feel there is an error in your record, you should submit a signed statement to the Sterling College official responsible for the record, clearly identifying the part of the record you want changed and why you believe it is inaccurate or misleading. That
The office will notify you of their decision and advise you regarding appropriate steps if you do not agree with the decision.

- The right to consent to disclosure of personally identifiable information contained in your education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is to Sterling College officials with legitimate educational interests if the official has a need to know information from your educational record in order to fulfill his/her official responsibilities.

- The right to file a complaint with the U.S. Department of Education concerning any failures by the institution to comply with FERPA requirements.

Sterling College does not release student record information to outside entities without the student’s expressed, written consent. There are, however, some exceptions. Directory information may be released to anyone upon request unless a student stipulates otherwise. This information includes the student’s name, address, phone number, email address, date and place of birth, major field of study, FT/PT status, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, degree and awards received (such as Dean’s Honor Roll), and the last school attended by the student.

You have the right to withhold the release of directory information. To do so, you must indicate no release of directory information on the Sterling College “Information Release Form” available in the Student Life or Registrar’s Office.

Keep in mind that a “no release” applies to all elements of directory information on your record. Sterling College does not apply a “non-disclosure” differentially to the various directory information data elements. Also, having a “no release” on your record will preclude release of such information to parents, prospective employers, news media, honor societies, and other sources outside the institution.

If a student is claimed as a dependent on his or her parent’s federal income tax return, the College automatically has permission to release necessary information concerning academic record, health status, social and moral development to the parents.

Statement of Financial Condition

Information about the institution’s financial condition is included in IRS Form 990, “Return of Organization Exempt from Income Tax” and may be obtained through the Office of Financial Services. Requests should be made to the Vice President for Financial Services.

Accreditation and Associations

Sterling College is accredited by The Higher Learning Commission and is a member of the North Central Association of Colleges and Secondary Schools (800-621-7440), www.ncablc.org, and by the Kansas State Board of Education, Topeka, KS. The Education Licensure program is accredited by the National Council for Accreditation of Teacher Education (NCATE), and the Athletic Training program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The College is approved for education of veterans under the GI Bill of Rights. Women graduates are eligible for membership in the American Association of University Women. Sterling College maintains membership in the Council of Independent Colleges (CIC), Council for Higher Education Accreditation (CHEA), the Council for Christian Colleges and Universities (CCCU), the Kansas Collegiate Athletic Conference (KCAC), the Kansas Independent College Association and Kansas Independent College Fund (KICA/KICF), Kansas Association of Colleges of Teacher Education (KACTE), Kansas Association for Private Colleges of Teacher Education (KAPCOTE), Commission on Accreditation of Athletic Training Education (CAATE), and the Associated Colleges of Central Kansas (ACCK).

The Council for Christian Colleges and Universities (CCCU) is a coalition of over 110 member colleges and universities throughout the United States and Canada that provides support for the member institutions and course opportunities for the students enrolled at member institutions. Programs available through the CCCU are listed on page 58.

The Associated Colleges of Central Kansas (ACCK) is a consortium founded in 1966 by Sterling and five other liberal arts, regionally-accredited, and church-related colleges within 40 miles of McPherson, Kansas, and are incorporated as an association of colleges with an office and central staff located in McPherson. The ACCK provides for its member colleges a shared computing system and an active interlibrary loan and service system. Sterling’s students have access to classes taught
on the other campuses and to cultural and athletic events. Several courses are shared among the six colleges, including special education and some secondary teacher education courses. The ACCK academic calendar can be accessed via the following link: https://www.acck.edu/ICS/ACCK_academic_calendar.jnz.

The Academic Year

Sterling College uses a “4-1-4” calendar, with two approximately 15-week semesters separated by a three-week Interterm for traditional on-campus classes. During Interterm, students enroll in a single class to concentrate their efforts on one course. This allows a greater diversity of course topics and formats, including off-campus courses.

Admissions

All prospective students are encouraged to visit the College and become acquainted with the campus, faculty, coaches, staff, and students. Many scholarships are determined through personal interviews and auditions.

Procedures

A student will be considered for admission to the College when the following documents have been received by the admissions office:

1. A completed application. Mailed applications must be accompanied by the non-refundable processing fee,
2. An official record of all high school and college transcripts and/or knowledge folios,
3. Official results from either the ACT or SAT exams.

Credit by Examination

1. **AP Exam:** Sterling College grants credit for scores of 3 or higher. The grade of “pass” will be recorded on the student’s transcript. (Contact the Registrar for details.)
2. **CLEP (College-Level Examination Program):** Sterling College grants credit without grades for satisfactory scores on CLEP exams according to the American Council on Education recommendations.

3. **DANTES (Defense Activity for Nontraditional Education Support):** The DANTES program was developed by the Department of Defense to help service members meet their educational goals. DANTES sponsors a wide range of examination programs. Credit is awarded according to the American Council on Education recommendations.

4. **Institutional Credit by Examination:** Sterling College provides its own program of credit by examination (popularly called “test out”) in some subjects. In general, grades of A, B, C, and No Credit may be obtained. Students who receive a grade of A or B may ask to have the grade and the credit recorded on their transcripts for an additional fee; students who receive a C may be excused from taking the course in question as part of the requirements but may not receive college credit. Application to take examinations for credit should be made to the Registrar’s Office. Exams must be approved by the department chair and instructor.

5. **Credit for Prior Learning:** Students can earn college credit for what they have learned at work, through military or community service, or through life experience. Sterling College accepts up to 15 hours of credit from the Council for Adult and Experiential Learning (CAEL). Interested students are encouraged to contact CAEL at learningcounts.org for information on how to prepare a portfolio of evidence to be evaluated by CAEL.

**International Baccalaureate**

Sterling College awards credit for International Baccalaureate (IB) courses in higher level subjects with scores of 5 or better. The specific credits awarded will be determined by the appropriate academic department. Up to 12 credits can be earned through IB courses.

**First-Year Students**

For admission, first-year students must have a 2.2 cumulative high school grade point average (on a 4-point scale) and a minimum ACT composite score of 18 (or the equivalent SAT total score of 1290). Students who do not meet the minimum
admission requirements may appeal to the Admissions Committee to be considered for acceptance on probationary status by the Admissions Committee.

Students are admitted by letter from the Office of Admissions when the following credentials have been received documenting that admissions requirements have been met:

1. **Transcript of Secondary School Work**
   Graduation from an accredited high school or an equivalent level of achievement is required for regular first-year status. Applicants may be accepted, however, on the basis of six or seven semesters of high school with the understanding that the remaining credits must be completed at a satisfactory level of quality. A General Education Development (GED) diploma is regarded as the equivalent of high school graduation.

   Sterling College welcomes applications from home schooled students. In addition to an academic transcript and/or knowledge portfolio, and ACT or SAT scores, Sterling College may require placement exams in math or writing.

   **Athletes must adhere to NAIA regulations for eligibility.**

2. **Records of Ability**
   All entering full-time, first-year students must submit either ACT or SAT scores before official acceptance can be granted.

**Transfer Students**

Courses taken at another institution will be evaluated by the Registrar for transfer credit. All prior academic work must be reported for evaluation. Sterling College reserves the right to decline the transfer of courses completed at an unaccredited institution.

For full admission to Sterling College, transfer students must have a 2.0 cumulative college grade point average (on a 4-point scale) of transferrable credit. If less than 12 semester credits have been earned at the college level, they must also have a minimum ACT composite score of 18 or SAT composite score of 1290. Transfer students who do not meet the minimum admission requirements may appeal to the Admissions Committee to be considered for acceptance on probationary status.
The policies for admission for transfer students are as follows:

1. Transferring students will provide official transcripts to the Registrar of Sterling College for evaluation. Courses being transferred must have a grade of C- or better.

2. Remedial/preparatory level credits will not be accepted for transfer.

3. Sterling College does not accept credit for athletic participation.

4. No more than 65 credit hours from a two-year college will count toward Sterling College graduation requirements.

5. Courses submitted for transfer from institutions not accredited by a regional accrediting agency will be accepted if one of the following criteria is met:
   a. a grade of C or better in a succeeding course taken at Sterling,
   b. a passing grade on an examination for the specific subject, and/or
   c. a written notification from the Registrar and appropriate department head stating the equivalency of each course in question.

6. In order to graduate from Sterling College, transfer students must fulfill all requirements for the respective Bachelor degree as defined by the major. They must meet all general education requirements and specific departmental requirements for the major as well as the residency requirements (32 credits taken at Sterling College). A minimum of six credits must be taken in the department of one’s major to enable a transfer student to receive a Sterling College major; a minimum of three credits is required for a minor.

**Students Who Are Not Seeking a Degree**

Transcripts and standardized test scores are not needed for admission of post-high school applicants who are not seeking a degree or initial teacher licensure. Those holding a current Kansas teaching license must provide license information to be admitted for pursuing the Special Education Add-on Endorsement. Students who
are admitted under this policy but later decide to seek a degree must then reapply under the standard admissions procedures (page 12).

**Early Admission**

Gifted high school students completing the 11th grade may apply for admission to Sterling College. The applications are reviewed in the same manner as those of high school graduates. Strong approval by a high school administrator is essential.

**Pre First-Year Students**

Students who have completed at least two and one-half (2 1/2) years of high school may register for courses at Sterling College with the following conditions:

1. All pre first-year students may be conditionally admitted by the Office of Admissions upon recommendation of the student’s high school counselor and/or principal.
2. All high school students must be admitted as pre first-year and pay tuition and fees.
3. Credits do not count toward high school graduation unless arrangements have been made in advance with both high school and Sterling College officials.
4. High school students may take no more than nine hours, including class audits, during one semester. Students wishing to take more than six hours must receive approval from the VPAA and their high school counselor or principal.

**Auditors**

A student may audit classes to gain understanding of the topics, but cannot participate in testing. Auditors do not receive a grade or academic credit. Students who wish to audit classes must be granted admission to the College and receive approval from the course instructor. See page 44 for further information.

**International Students**

Applicants from other countries must submit an application for admission, official transcript from their high schools and any colleges they have attended, and all school test scores, school-leaving examinations, or country-wide standardized tests. In addition, international students should submit scores for the Test of English as a Foreign Language (TOEFL) which demonstrates proficiency in the use of the
English language. Generally, a minimum TOEFL score of 525 (paper-based PBT); 195 (computer-based CBT); or 70 (internet-based iBT) is required for admission. Sterling College does not offer English as a Second Language (ESL) courses.

Readmission

Any student wishing to return to Sterling College after an interruption in consecutive attendance must complete an application form through the Office of Admissions and arrange for official transcripts from each college attended since leaving Sterling to be sent to the Office of Admissions. In order to be accepted, the application form must be approved by the appropriate administrative officers, the Registrar, and the financial aid office.

Veterans

Veterans are encouraged to consider the advantages of completing their studies at Sterling College.

1. Veterans who were not able to complete high school before going into the armed services will be eligible for admission upon receiving sufficiently high scores in the General Education Development (GED) tests.

2. The College will grant college-level credit for service training and experience based upon the recommendations in the most recent version of “A Guide to the Evaluation of Educational Experiences in the Armed Forces.” Official records of participation must be presented to the Registrar for credit to be granted.

3. Sterling College is approved to offer veterans’ educational benefits.

Deposit

Before registration, a deposit is required to reserve your place in classes, a residence hall, and to hold your Financial Aid package. The deposit is $100 for residential students and $50 for commuting students.
Orientation
For many students, entering college is a major transition and can be a challenge. Students encounter new people and face new expectations. To make the transition as smooth as possible, Sterling College offers an orientation program for both new students and their parents which provides opportunities for social involvement with others while learning more about the College.

Foundations of Servant Leadership: This mandatory one credit course focuses on Sterling College’s history and culture, skills for academic success and life-long learning, career planning/choosing a major, and faith development. Upon entrance, new students are assigned to a seminar group that provides the context to assist students with their transition to college life during orientation and fall semester.

Educational Expenses
The tuition charge at Sterling College covers classroom instruction and lectures. Room and board costs include housing in college residence halls and meals in the college cafeteria while school is in session. Student teachers are required to follow the calendars of the schools in which they are assigned to teach. Should a student teacher find a situation where Sterling College is closed for a particular break and the assigned school is not closed, the student teacher will assume the cost of his or her room and board.

Special Fees include extra charges for special services and instruction, such as private lessons. Students are responsible for the purchase of textbooks and any requested specialty items for certain classes. These will be specified at the beginning of each semester. Students must provide their own transportation for classes meeting on other campuses and for student teaching.

Sterling College reserves the right to change tuition and fees at any time.

Annual Schedule of Charges
2013-2014*

TUITION
Full-time (12 - 17 hours) $20,950.00
(Include interterm up to 4 credit hours)
Part-time (1 - 6 hours) per credit hour $392.00
Part-time (7 - 11 hours) per credit hour $692.00
Sterling College Online per credit hour $350.00

**NEW STUDENT FEES**
Initial Application Fee $25.00
One-time Advance Liability Deposit - Commuter $50.00
Residential $100.00

**MISCELLANEOUS FEES**
Audit Fee (per credit hour) $55.00
Late Registration Fee $25.00
Overload Fee per credit hour (over 17 credits per semester or over 4 credits during Interterm)** $392.00
Credit by Examination (per credit hour) $25.00
Graduation Fee (assessed regardless of whether the student attends commencement) $100.00
Transcript Fee (first one no charge) $6.00
Returned Check Fee $25.00
Class fees $15.00 - $50.00
Campus Activity Fee $145.00
Student Teaching and Placement Fee (Estimate) $200.00
*(Additional fees for long distance may apply)*
Diploma Replacement Fee $75.00

**PRIVATE MUSIC LESSONS (In addition to regular tuition)**
Per credit hour $200.00

**BOARD**
200 meal block $4266.00
Unlimited meals $4686.00

**HOUSING**
Full Occupancy $2206-$2836.00
Reduced Occupancy $2836.00
Designated Single $3256.00
Douglas Residence Halls $3202-$3466.00
HEALTH INSURANCE (estimate)
Required unless a signed insurance waiver is returned
to the Student Life Office $900.00

Financial matters must be in order by August 1 (fall semester) or January 1 (spring semester). Students who fail to pay any amounts due are not eligible to re-enroll, receive grades, transcripts, or diplomas until the account has been settled. All collection costs will be paid by the student. The College reserves the right to charge a student for damages to College property.

* For subsequent years, students should consult the Annual Schedule of Charges available from the Business Office. Some costs may change after this catalog has been printed.
** Overload fee is not charged to students enrolled in 18 credit hours who are also enrolled in Band or Choir.

COLLEGE PAYMENT PLANS

1. Payment in full
2. Sterling College Payment Plan offered by Tuition Management Services.
   Contact the business office for further information.

SPECIAL BENEFITS

The following special benefits are provided for students taking courses at Sterling College:

1. No tuition is charged for one course per semester to students over 60 years of age, as space is available.
2. Reduced tuition is charged for a maximum of six (6) credits per semester for high school students.

LIABILITY and CREDIT FOR WITHDRAWAL FROM THE COLLEGE

By registering for classes or completing housing or meal plan applications, a student incurs a legal obligation to pay tuition, fees, room, and board.

If a student withdraws during the semester, charges will be prorated if he/she: 1) has been enrolled for less than or equal to 60% of the term, and 2) completes the
necessary withdrawal forms obtained from the Registrar or Student Life Office. If a student has been enrolled for more than 60% of the term, he/she is not eligible for a reduction in tuition, fees, room, or board charges.

A refund is calculated by dividing the number of days enrolled by the number of calendar days in the semester (including weekends and holidays but excluding spring break). See page 26 for information on how withdrawal affects financial aid.

If a student is a recipient of Federal Title IV financial aid, refunds to those programs are required by federal law to be the first priority and must be returned in the following order: Unsubsidized Federal Stafford Loan, Subsidized Federal Stafford Loan, Federal Perkins Loan, Federal PLUS Loan, Federal Pell Grant, and Federal SEOG.

A student is not eligible for a refund until all Federal Title IV programs and other scholarships are reimbursed as required and all outstanding balances with the College have been cleared. Federal law requires all student borrowers to participate in an exit interview through the Financial Aid Office.

Tuition, room, and board are the only charges available for refunds.

Financial Assistance

The Sterling College Financial Aid Office exists to assist students with funding and achieving their academic goals. Financial aid programs consist of scholarships, grants, loans, and work-study. The Financial Aid Office is located in Kelsey Hall. Sterling College participates in the following aid programs, and students must first be accepted for admission to receive funding from those programs.

Federal Aid

The following is a list of federal financial aid programs. Students must complete the Free Application for Federal Aid (FAFSA) and complete the Verification process, if selected, before receiving Federal funds. If you have any additional questions regarding the information, you may contact our office at 620-278-4207 or email at finaid@sterling.edu.
Federal Pell Grant

*A federal grant that is given based on the need of the student.* To determine if you are eligible for this grant you must complete the [Free Application for Federal Student Aid (FAFSA)](https://www.fafsa.gov). The maximum amount you may be eligible for as a full-time student is $5,645 during the 2013-2014 award year. This is a need-based grant therefore not everyone who applies will be eligible.

Federal Supplemental Educational Opportunity Grant (FSEOG)

*A federal grant for students with exceptional financial need and low family contribution* (priority given to Pell recipients). To apply you must complete the FAFSA. Funds are limited and awarded on an availability basis. Priority consideration is March 15th.

Federal Direct Loans

*A long-term loan for eligible students.* These loans are funded by the government to students for the purpose of aiding in the education process. If you are a student enrolled in an eligible program of study at least half-time, you may receive a Direct Loan. To determine eligibility you must complete the FAFSA and meet other general eligibility requirements. In addition, a promissory note must be completed. Direct Loans are either subsidized or unsubsidized.

- **Subsidized Direct Loan**
  Subsidized Direct Loans are awarded on the basis of financial need. Interest charges will occur immediately after the student falls below part-time status or graduates from the institution. The federal government subsidizes the interest during these periods.

- **Unsubsidized Direct Loan**
  Unsubsidized Direct Loans are not awarded on the basis of need. You will be charged interest from the time the loan is disbursed until it is paid in full. If you allow the interest to accumulate, it will be capitalized – that is, the interest will be added to the principal amount of your loan and additional interest will be based upon the higher amount. You may receive a subsidized loan and an unsubsidized loan for the same enrollment period.

Federal Perkins Loan

*A long-term loan for eligible students with financial need.* To determine eligibility you must complete the FAFSA. In addition, a promissory note must be signed with Sterling College. Funds are limited and awarded on an availability basis. Priority consideration is March 15th.

Federal Direct PLUS Loan

*A long-term, no-need loan for parents of dependent students.* To apply, the student must
complete the FAFSA, and a parent must complete an application (for credit approval) and a promissory note. Applications will need to be completed annually.

**Federal Work-Study**
Eligibility for the Federal Work-Study Program is based on financial need. Students must complete the FAFSA. Students must apply for and secure employment. Funds are not guaranteed, they must be earned.

**The Teacher Education Assistance for College and Higher Education (TEACH) Grant Program** provides non-need grants of up to $3,716 per year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families and teach in a high-need field. The list of fields and schools is updated yearly and may be found at: http://www.ed.gov/about/offices/list/ope/pol/rsa.doc and https://www.tcli.ed.gov/CBSWebApp/tcli/TCLIPublicSchoolSearch.jsp

Students must qualify for the TEACH grant by scoring above the 75th percentile on a college admissions test or maintain a cumulative GPA of at least 3.25, complete entrance counseling, and an agreement to serve each year the grant is received.

If a recipient fails to complete the service requirements, all amounts of TEACH Grants received will be converted to a Federal Direct Unsubsidized Loan that requires repayment to the U.S. Department of Education. Interest will be charged from the date the grant(s) was disbursed. Contact the Financial Aid Office for more information.

**Iraq and Afghanistan Service Grant**
A student who is not eligible for a Pell Grant but whose parent or guardian was a member of the U.S. Armed Forces and died as a result of service performed in Iraq or Afghanistan after September 11, 2001 may be eligible to receive the Iraq and Afghanistan Service Grant. Students must complete the FAFSA, be under 24 years old, or enrolled in college at least part-time at the time of the parent’s or guardian’s death.

**State of Kansas Aid**
The following is a list of state financial aid programs. Students must complete the Free Application for Federal Aid (FAFSA) and complete the Verification process, if selected, before receiving State funds. If you have any additional questions regarding the information, you may contact our office at 620-278-4207 or email at finaid@sterling.edu.
Kansas Comprehensive Grant (KCG) A need-based, state funded, grant to help assist students who demonstrate need. To apply you must submit the Free Application for Federal Student Aid (FAFSA). Requirements are as follows:

1. Be a Kansas resident who has not received a bachelor’s degree.
2. Be a full-time student attending a fully accredited independent Kansas College.
3. Renewal requires a cumulative grade point average (CGPA) of 2.0 and continued financial need.

Priority consideration deadline is March 15th.

State processing deadline is April 1.

There are limited funds and they will be awarded to qualified students in the order of file completion date.

Minority Scholarship
A need-based award to assist ethnic minority students attending Kansas two- or four-year institutions. Selection is based on academic performance, ethnic category, and financial need. To apply you must submit the FAFSA and the State Student Aid Application. Renewal requires a CGPA of 2.0 and renewal application. State processing deadline is May 1.

State Scholar Scholarship
A need-based award to assist those students who were designated state scholars during their high school senior year. The ACT assessment must be taken between April of the sophomore year and December of the senior year, and the Regents recommended curriculum must be completed. To apply you must submit the FAFSA and the State Student Aid Application. Renewal requires a CGPA of 3.0 and renewal application. State deadline is May 1.

Teacher Scholarship
A service-based award to encourage high academic achievers to teach in Kansas within hard-to-fill disciplines. Undergraduates without prior teacher certification eligibility may be considered. Recipients must teach in Kansas one year for each year of funding or repay the funds as a high interest bearing loan. To apply you must submit the FAFSA and the State Student Aid Application. Renewal requires good academic standing and continued enrollment in teacher education. State deadline is May 1.
Institutional Aid

Sterling College Financial Aid desires to meet the needs of its students as equitably as possible. Financial Aid is awarded on the basis that a student is full time and will be living on campus. Any of the following variations will result in the financial aid award being adjusted at time of disbursement:

1. Off campus housing will result in a student’s institutional aid being reduced by one-third.
2. Dropping below a full-time status (less than 12 credit hours per semester) will result in institutional aid being reduced to zero.

Additional information may be obtained in the Financial Aid Office.

Academic and Athletic Scholarships are available to incoming first-year and transfer students. Applicants for these scholarships must be accepted for admission. Scholarships are based on high school performance and are renewable throughout one’s college career as long as academic performance meets specified standards, including satisfactory academic progress. Residential and cumulative GPAs are considered independently and both must meet the published criteria.

College of Emporia Academic and Alumni Scholarships are sponsored by the C of E Alumni Association. Students should identify themselves to the Financial Aid Office as being children or grandchildren of C of E alumni.

Other Aid

National Presbyterian College Scholarships. NPCS scholarships are competitive and are awarded to entering first-year students who are communicant members of the Presbyterian Church (USA). Applicants must take the ACT or SAT no later than December of their senior year in high school. Information can be found at www.pcusa.org/financialaid.

Samuel Robinson Scholarships are available on a competitive basis to junior and senior students enrolled in any of the colleges related to the Presbyterian Church (USA) and are in the amount up to $1000. Students memorize The Shorter Catechism and write an essay on an assigned topic. Further information can be obtained at www.pcusa.org/financialaid.

Park College Scholarship is a scholarship available to Presbyterian students who are accepted to Sterling College. This renewable scholarship requires a separate
application and the FAFSA completed and submitted to Sterling College Financial Aid Office by April 1.

**Tribal Grants** are for any student who is at least one-fourth American Indian, Eskimo, or Aleut, as recognized by a tribal group served by the Bureau of Indian Affairs. The amount is based on financial need and availability of funds from the area agency. Students must submit an application for financial aid and supportive documents by the deadline determined by each agency.

**Other Awards:** The Financial Aid Office, library and the student life office have information on other types of grants, fellowships, and loans. This is assistance provided by outside agencies to students who make application, meet the qualifications, and are chosen to be the recipients by the funding agency.

### Withdrawals and Refunds

Federal regulations require the use of the Return of Title IV Funds policy for all students receiving any type of federal aid, when calculating the aid a student can retain after withdrawing. This policy relates to Federal PELL, Federal SEOG Grants, as well as Federal Perkins, Federal Direct Stafford, and PLUS Loans. At Sterling College, the same policy will be used for state and institutional aid.

These regulations govern the return of aid disbursed for a student who completely withdraws from a term or payment period. During the first 60 percent of the period/semester, a student “earns” aid in direct proportion to the length of time he or she remains enrolled. The percentage of time that the student remained enrolled determines the percentage of disbursable aid for that period that the student earned. A student who remains enrolled beyond the 60 percent point earns all aid for the period.

Students planning to withdraw need to start at the Student Life Office and request a Withdrawal Form. Institutional charges and financial aid will be adjusted once the Withdrawal Date has been determined. For students receiving financial aid, the refund must first be repaid to the Title IV programs, state grants, and institutional funds in accordance with existing regulations in effect on the Withdrawal Date and with respect to various types of aid. It is possible that the student who withdraws will still have an outstanding balance due to the College. The Withdrawal Date is determined as follows:
• **Official withdrawal.** The later date of when the student began the institution's official withdrawal process OR officially notified the institution of intent to withdraw.

• **Unofficial withdrawal.** The institution will always use the student’s last day of attendance at a documented academically-related activity.

The percentage of the period that the student remained enrolled is calculated based on number of days the student was enrolled. Divide the number of days enrolled by the total days in the enrollment period. Calendar days are used including weekends, but breaks of at least five days are excluded from both the numerator and the denominator.

**Distribution of Unearned Aid**

If a student has not earned all of the federal aid received to date at the point of withdrawal, funds will be repaid in the following order:

Federal Direct Unsubsidized Stafford Loan
Federal Direct Subsidized Stafford Loan
Federal Perkins Loan
Federal Direct PLUS Loan
Federal PELL Grant
Federal SEOG Grant
Federal TEACH Grant
State grant and scholarship funds
Institutional Aid

**Overpayment**

In the event a student has received funds for living expenses and an overpayment occurs, Sterling College will notify the student of the overpayment. It is the student’s responsibility to return the overpayment to the proper federal program. Students who fail to repay overpayment will not be eligible for additional federal financial aid funds, at any institution, until the overpayment has been satisfied. Examples of the application of the refund policy are available to students upon request by contacting the Financial Aid Office.

**Satisfactory Academic Progress (SAP)**

Federal student financial assistance regulations require Sterling College, as an institution offering federal student financial assistance, to measure Satisfactory
Academic Progress (SAP) of each attending student on a regular basis. SAP, as assessed by Sterling College’s Financial Aid Office, is separate and distinct from a student’s academic standing as determined by his/her college or academic unit at Sterling College. SAP is a method of measuring a student’s progress toward program completion. To be eligible for federal aid, a student must maintain satisfactory academic progress. SAP is measured through the use of qualitative and quantitative tests. Qualitative tests reference a student’s grades (e.g. cumulative GPA) and quantitative tests reference how much time has elapsed since the student began his/her program of study (i.e. length/duration).

Students who are placed on SAP exclusion, as detailed below, are ineligible to receive federal student financial assistance. Examples of assistance include: Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Perkins Loan, Federal Work Study, Federal Direct Loan (subsidized and/or unsubsidized), Federal Direct Parent PLUS Loan, Teacher Education Assistance for College and Higher Education (TEACH) Grant, and the Iraq and Afghanistan Service Grant.

Sterling College’s Financial Aid Office is responsible for measuring SAP for the purposes of monitoring federal student aid eligibility. The Satisfactory Academic Progress standards outlined in this policy are as strict as or stricter than Sterling College’s institutional academic progress policies for students pursuing an educational credential. Specifically, Sterling College’s degree requirements do not impose a set time frame in which a student must have successfully completed his/her academic program.

SAP Evaluation Increments

In accordance with the final program integrity regulations, published October 29, 2010, on the topic of SAP by the U.S. Department of Education, Sterling College’s Financial Aid Office has elected to measure SAP at the conclusion of each regularly scheduled semester/term. At Sterling College the semester/term represents a student’s payment period for federal financial assistance. Consequently, SAP will be measured in increments of single terms, i.e. at the conclusion of each fall, spring, and summer term.

Quantitative Measure (Length/Duration)

Sterling College’s Financial Aid Office utilizes a quantitative test to measure a student’s maximum time frame toward his/her degree completion. The quantitative test is:
• Ratio of Attempted to Completed Units Cumulative Test

The maximum attempted units may not exceed 150% of the published length of the educational program. Where a student has successfully transferred course credits from other post-secondary institutions to Sterling College, those credits are included in the Maximum Attempted Units Test noted above. More specifically, each credit successfully transferred to Sterling College is considered to represent one attempted unit which was successfully completed.

Qualitative Measure (GPA)

Sterling College’s Financial Aid Office utilizes a qualitative test to measure a student’s academic standing necessary to complete his/her degree program.

The Cumulative GPA Test is utilized by Sterling College’s Financial Aid Office to measure the qualitative component of SAP for its undergraduate student population. To pass this test, undergraduate students with less than 32 credit hours must maintain a cumulative GPA of 1.85 or higher; undergraduate students with 32 or more hours must maintain a cumulative GPA of 2.000 or higher.

SAP Statuses and Implications

As students’ SAP is evaluated at the regularly scheduled increments, Sterling College’s Financial Aid Office will typically confer one of five differing SAP statuses upon a student. They are:

• Good Standing – This status is indicative that a student has successfully passed all of the applicable quantitative and qualitative tests that were deployed in evaluating his/her SAP status. The student has passed the SAP eligibility criteria to receive federal student financial assistance.

• Warning – Since Sterling College’s Financial Aid Office endeavors to evaluate student SAP at the conclusion of each regularly scheduled term (fall, spring, summer), a student may be placed on SAP Warning. A student who has been placed on Warning from a previous status of Good Standing retains his/her federal student aid eligibility for one subsequent term of enrollment. A student on Warning status is not required to successfully appeal his/her SAP status to receive federal student financial assistance. Typically, a status of Warning will be conferred on a student when his/her SAP status of Good Standing is downgraded at a subsequent evaluation where the student fails to pass one or more of the applicable SAP tests outlined above.
- **Exclusion** – This status indicates that the student is no longer eligible to receive federal student financial aid. Typically, a status of Exclusion will be conferred on a student where he/she failed to pass all of the deployed SAP tests following a term in which his/her status had been determined to be Warning. A student may also be placed on exclusion from a previous SAP status of Probation-Academic Plan where the student failed to meet the academic expectations for the term in review.

- **Probation – Academic Plan** - This status allows a student to receive federal financial assistance for a potential period of time greater than one term following the successful appeal by the student of his/her SAP Exclusion status. This status may be conferred on a student by the Financial Aid Office utilizing professional judgment after reviewing the student’s SAP appeal filed in response to an Exclusion status. This status requires the creation of an academic plan that outlines academic recovery objectives over consecutive terms. A student with a status of Probation – Academic Plan is evaluated at the conclusion of each term in an effort to determine if the student has successfully met the objectives for that particular term. Provided the student meets the objectives for a given term, he/she will remain on the Probation – Academic Plan status and will not be required to file an additional SAP appeal. Conversely, if a student with a SAP status of Probation – Academic Plan fails to meet the objectives for a given term, as set out as a condition of this status, the student’s SAP will be downgraded to Exclusion with the resulting loss of federal student eligibility at the time of evaluation.

**Appeals**

If a student is found to be in violation of the Satisfactory Academic Progress guidelines and has been placed on financial aid exclusion, an appeal process is available for extenuating circumstances. Appeals are reviewed based on a documentable extenuating circumstance impacting academic performance. Extenuating circumstances are considered to be past events that are no longer barriers to academic progress. The appeal application should support how the student is now in a position to be academically successful. Examples of extenuating circumstances considered for appeal are:

- Serious illness or injury to student or immediate family member (parent, spouse, sibling, child) that required extended recovery time
- Death of an immediate family member
- Significant trauma in the student's life that impaired the student's emotional and/or physical health
- Withdrawal due to military service
- Other unexpected circumstances beyond the control of the student
Note: Circumstances related to the typical adjustment to college life are not considered as extenuating for purposes of appealing suspension of financial aid.

Appeals MUST include the following documentation:

- A completed Satisfactory Academic Progress (SAP) Appeal form which will include an explanation describing how extenuating circumstances resulted in the student's inability to maintain Satisfactory Academic Progress, and an explanation of what has changed that will allow the student to maintain Satisfactory Academic Progress at the next evaluation
- Documentation required to support the extenuating circumstances (i.e. medical documentation, notice of death, accident reports, court documentation, or other relevant documentation)
- Statement of the student's educational goals
- Academic advisor statement and approval of Academic Plan

The above noted appeal may be filed utilizing an SAP Appeal form which may be obtained under the ‘forms’ link on the Financial Aid webpage (http://www.sterling.edu/admissions/financial-aid/forms). Alternatively, the appeal may be submitted in whole via e-mail communication with the office by the student.

Upon receipt of the completed appeal, a financial aid staff member will review the information provided to determine if the student has encountered mitigating circumstances that warrant the continuation of federal student eligibility even though the student is not currently meeting the established SAP standards.

An appeal may be approved or denied. SAP appeal determinations are final and may not be contested.

**Probationary Period**

In the event that the SAP appeal is approved, a SAP status of Probation – Single Term or Probation – Academic Plan will be conferred on the student.

As a condition of the Probation statuses, the Financial Aid Office may set specific academic requirements. The requirements may include any combination of the following:

- successful completion of a set number of units for one or more academic terms,
- attainment of a set percentage of attempted vs. completed for one or more terms,
- attainment of a specific term GPA for one or more terms, and/or
• setting a limit on the number of units attempted for one or more terms
• interruption of one or more terms.

Regaining Eligibility
Typically, to be conferred the SAP status of Good Standing a student must pass all of the quantitative and qualitative measurements applicable to his/her academic career as described in both the Quantitative Measurement and Qualitative Measurement sections above. However, on a case-by-case basis the Financial Aid Office may place a student on SAP Good Standing status where it has been determined that unique circumstances to the student render an incomplete assessment of the student’s true SAP status via the systematic tests deployed.

Communication of SAP Statuses
Generally, the Financial Aid Office makes no special provision to inform a student that he/she has a SAP status of Good Standing.

The communications outlined below typically take the form of either a paper or electronic (e-mail) notification. Electronic communications are sent to the student’s official campus e-mail address.

• If it has been determined that a student has either a SAP status of Warning or Exclusion, the Financial Aid Office will communicate this status to the student along with the implications of the status in regard to federal eligibility.
• Probationary SAP status such as Probation- Academic Plan are communicated to the student upon the successful completion of the student’s appeal process.
• In the event that a SAP appeal is denied, a communication is sent to the student when the determination is made.

Treatment of Repeated Course Work, Incomplete Course Work, Withdrawals from Course Work, and Course Work with Non-punitive Grade Assignments

Repeated Course Work -

• **Repeated Course Work** - Sterling College’s Financial Aid Office will allow grades earned as part of repeated course work to factor into a student’s cumulative G.P.A. (qualitative) SAP status, while reserving the right, on a case by case basis, to include only the highest grade earned for a repeated course as part of a student’s Exclusion appeal. This approach is premised on the understanding that, generally, a course may not be double counted toward a student’s degree completion requirements. However, all attempts by a student, even repeated attempts, will be
counted by the Financial Aid Office as part of the student’s pace/max time-frame (quantitative) SAP status.

- **Incomplete Course Work**—Course work that results in a status assessment of “incomplete” will have no impact upon a student’s qualitative SAP component until grades have been attached to that course work. However, all course work with a unit value associated to it will be counted as part of a student’s quantitative SAP component—irrespective of whether a status of “incomplete” has been attached to the course work at the conclusion of the term or not.

- **Withdrawal from Course Work**—Withdrawals from course work on or after the census date for a given term are counted by the Financial Aid Office as part of the student’s quantitative SAP evaluation. Conversely, if a student is withdrawn from a course prior to the term census date, that course will not count toward the student’s quantitative SAP evaluation.

- **Course Work with Non-punitive Grade Assignments**—Course work with non-punitive grade assignments such as audited courses or credit/no-credit grading schemes will be counted by the Financial Aid Office within the quantitative component of a student’s SAP evaluation.

- **Remedial Course Work**—Remedial course work will be counted by the Financial Aid Office within the quantitative component of a student’s SAP evaluation.

### Student Life

The development of the student at Sterling College takes place outside of the classroom as well as in the classroom. The goal of Student Life is to build on the academic program of the College. This is accomplished by providing students with experiences which further the development of the whole person within the context of relationships with staff, faculty, and one another.

### Guidelines and Expectations

Sterling College is a Christian community that seeks to integrate faith and learning in all that it does. As a Christian community we need to acknowledge the lordship of Christ in every area of our lives. This means that, as an institution committed to academic excellence and the development of the whole person, all members of the College community are expected to discipline themselves in a variety of ways. Students are to be disciplined in their studies. They are to develop skills and acquire knowledge that will stretch their minds. Staff and faculty are to be disciplined in their areas of responsibility and expertise. Students, staff, and faculty are to be
disciplined in their lifestyle, adhering to the lifestyle expectations established by the College as guided by its understanding of Biblical principles and desiring to give honor and glory to God in all that they do.

Sterling College has established a set of lifestyle expectations that all students are required to observe. These lifestyle expectations include, but are not limited to: appropriate dress consistent with Christian standards; conduct that shows respect for all officials, athletes, and spectators at both intercollegiate and intramural sports events; conduct that shows respect for self and others at all College sponsored events, including but not limited to theatre, music, art, chapel, and convocation events; restricted visitation hours by members of the opposite sex in the residence halls; a policy of abstinence with regard to the possession or use of alcoholic beverages on campus and at off-campus events; the prohibition of the use, possession, or distribution of illegal substances; the agreement to abstain from the possession or use of any tobacco products on campus and at off-campus events; the expectation of sexual purity; and abiding by the laws of the local community, the state, and the nation. These expectations are laid out in the Student Handbook.

Sterling College also embraces the Biblical perspective that humankind is created in God’s image and that each created individual has unique worth and value. The College, therefore, is committed to the creation of a community that treats each person with love and respect and stands opposed to all forms of sexual harassment, violence, and racial or ethnic hatred. The Student Handbook further elaborates on the College’s policy regarding human dignity and racism.

Residence Life

Sterling College is not only an academic institution, it is also a place where a majority of students live while earning their degrees. Residence life is designed to give students an opportunity to develop a sense of belonging and community. Students are also exposed to differences in background, ideas, personalities, and beliefs. In learning to live with differences students will learn more about themselves.

Because scheduling classes and arranging housing in accessible facilities may require advance planning, students with a disability who are accepted for admission should identify themselves as early as possible and indicate the nature of any accommodations needed.
In Sterling College’s residence halls, students are able to develop meaningful relationships and the socialization skills that are necessary to be an effective community member. They have the opportunity to develop moral and spiritual values on a personal basis within a supportive environment. In short, the experiences that students have in the residence halls form an integral part of their growth and development as individuals. Sterling provides housing for students in six on-campus residence halls, which vary in size and character.

**Chapel/Convocation and Spiritual Formation**

Sterling College is deeply concerned about the spiritual growth of each individual student, staff, and faculty member. Many informal opportunities for study, prayer, worship, fellowship, and service are found on campus and in the community.

Sterling’s chapel program is focused on the process of spiritual formation, initiating, nurturing, and sustaining our students in a life of discipleship to Jesus Christ. It is also a reflection of the college’s mission statement. As students attend chapel, they gain a deeper understanding of a maturing Christian faith. As students participate in planning and leading chapels, they develop skills as creative and thoughtful leaders. Not all students at Sterling are Christians. Sterling College respects the spiritual diversity among our students and encourages students to be honest, authentic, and open about their spiritual beliefs and convictions. Chapel provides students opportunities to reflect on foundational issues of life, as well as an opportunity to be exposed to a Christian perspective on these issues.

Chapel plays a vital role in the life of our institution, as well as a strategic role in the lives of our students. By gathering for worship, we are declaring that our integrity to the Kingdom of God is more important than the survival of our institution, that our obedience to God’s Kingdom is the measure of our success as an institution, and that our dependence on God is the key to our fruitfulness as an institution.

**Chapel/Convocation Requirements**

Sterling College requires all full-time students to fulfill a Chapel Requirement every semester. Students who live in Sterling, either on or off campus, are required to earn 14 chapel credits and two convocation credits each semester. Full-time students who live outside of Sterling are required to earn 11 chapel credits and 2 convocation credits.

Chapel Credits are earned each time a student attends a Wednesday morning chapel, a Sunday evening chapel, or a mid-semester Bible study. Up to six Bible
study credits can be earned within a semester. An entire semester of chapel credit can be earned by signing up for a Chapel Alternative. Chapel Alternatives allow students to focus on an issue of interest in a small group context for an entire semester. Convocation credits are earned each time a student attends the Friday morning convocation. Convocations are held 3-4 times during the semester.

Students who fail to fulfill the chapel/convocation requirement will be placed on chapel probation for the following semester. Students must make up the missing number of chapel credits in addition to the required number in order to be removed from the Probation List. Failure to remove deficits may lead to the loss of extra-curricular activities, loss of scholarships, and/or suspension. Students who do not meet chapel attendance requirements for three semesters, either consecutive or cumulative, will be suspended from Sterling College for one semester. Students must fulfill all chapel requirements in order to graduate.

**Cultural Life**

Many organizations are active on campus, bringing together students and faculty with similar interests. A few examples are listed below:

Art exhibits at the Art Center feature displays by local and national artists, traveling shows, and student shows. Of special interest is the annual Prairie Art Exhibition each spring, a juried show featuring outstanding work by regional artists. The Art Department is also a member of Christians in the Visual Arts.

The Sterling College Music Department has numerous voice and instrumental ensembles. Sterling Chorale and Community Concert Band are the large performing ensembles. Other performance groups may include: Percussion Ensemble, Saxophone Ensemble, String Ensemble, SC Brass, Jazz Combo, and Vocal Ensembles. All ensembles perform on and off campus, throughout the year, as a service to the community. The SC Chorale and Highland Singers tour regularly throughout the year, in and out of state.

The Sterling College Theatre produces six to eight productions per year, including a big-cast musical each fall and a wide variety of dramas and comedies, such as Shakespeare, children’s theatre, and original works.
Personal and Psychological Counseling

Sterling College is an educational institution with an emphasis on formal academics. Within this academic structure some students may have psychological and spiritual needs. To meet these needs, counseling is available on several levels.

Every new student is immediately assigned a faculty advisor (mentor). These faculty advisors (mentors) are willing to help students as they work through questions of learning, faith, and life. In addition, Resident Directors are available as counselors for students’ needs. Student Life staff members are selected for their ability to relate to students as they develop self-identity, self-confidence, and relationships with others.

Sterling College offers short term counseling services free to any of our students. The purpose of providing counseling services to our students is to improve their academic performance and their emotional and spiritual wellbeing. We aim to reach out to those students, so that their college experience can be more enjoyable and successful.

Services are provided by Loida Leone, LCPC, a licensed Clinical Professional Counselor, and are completely confidential. Our services include mental health assessment, crisis evaluation and intervention, individual counseling, psycho-educational groups, and referral services.

Student Activities

Student Government Association (SGA) serves as the liaison between the students and the administration, faculty, and staff. It is the responsibility of SGA to hear and address items of interest and concern expressed by the student body. SGA provides students with important leadership opportunities as well as an avenue to discuss issues and provide suggestions designed to resolve problems and concerns of students. It is an important voice within the college community.

Campus Activities Board (CAB) is a branch of SGA whose purpose is to discover, program, and implement activities that the student body of Sterling College will find entertaining and thought-provoking. The goal is to enhance the learning each student receives in the classroom and to provide opportunities to integrate experiences, knowledge, abilities, and faith. CAB sponsors concerts,
movies, student talent exhibitions, awareness days, dances, and many other campus activities.

**Publications** SGA funds and supervises production of three student publications, the *Sterling Stir*, the *Great Plains Review* and *The Warrior*.

*The Sterling Stir* is the student newspaper. It provides formal, practical experience for students interested in journalism.

*Great Plains Review (GPR)* is the annual literary magazine published by Sterling College. The GPR accepts submissions of poetry, prose, and art work from students, staff, faculty, alumni, and friends.

*The Warrior* the Sterling College yearbook, is published under the direction of a student editor and staff.

**Student Organizations** Sterling College has active student clubs and organizations, providing opportunities for involvement in different areas of interest. Opportunities also exist to start new organizations. Check with the Student Government Association office to find out how.

- Alpha Chi – academic honorary fraternity
- Alpha Psi Omega – theatre
- Behavioral Science Club
- Catholic Student Association (CSA)
- Chi Beta Sigma – business
- Fellowship of Christian Athletes (FCA)
- Future Science Professionals Association (FSPA)
- Phi Beta Lambda (Future Business Leaders of America)
- Pi Kappa Delta – forensics

**Social and Recreational Life**

The college provides a broad and varied program of social opportunities for students. This includes movies, parties, banquets, dances, clubs, special interest organizations, and recreational events. There is an active intramural athletic program for men and women, including flag football, basketball, ping pong, pool, sand volleyball, and softball. The Student Union provides two lounge areas and a game room. Lighted outdoor basketball and sand volleyball courts provide additional recreational opportunities.
Intercollegiate Athletics

An active and vital part of the campus is experience is intercollegiate athletics. Varsity sports include baseball, basketball, cross country, football, golf, soccer, softball, track, and volleyball. Sterling College is a member of the National Association of Athletics (NAIA) and the Kansas Collegiate Athletic Conference (KCAC).
ACADEMIC
PROGRAM INFORMATION

Academic Requirements and Policies

Definitions

ACCK — a consortium of six Kansas colleges to which Sterling belongs. Students may take courses at these other schools and some degree programs are shared among the schools. The central office is in McPherson, KS.

Audit — an enrollment status in which a student attends a course with the permission of the instructor but receives no grade or academic credit.

Council for Christian Colleges and Universities (CCCU) — a coalition of over 100 member colleges and universities throughout the United States and Canada which provides support for the member institutions and course opportunities for the students enrolled at member institutions.

Course — a program of study usually involving lectures, discussions, observation, skill development, and/or laboratory experiences.

Credit Hour—One credit hour is an amount of work represented in intended learning outcomes and student achievement that reasonably approximates not less than

   (1) Fifty minutes of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester, or the equivalent amount of work over a different amount of time; or

   (2) At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities including laboratory work, internships, practica, studio work, and other academic work.

Electives — those courses selected by the student to complete the total hours needed for graduation but not required by the core curriculum or the major. These are important options for the student to pursue interests beyond the major.
**General Education** — the courses required for every student, regardless of major. These courses provide a background of knowledge which allows students to place their chosen major in the context of the entire world.

**Grade Point** — the number value assigned to the grade a student earns in each course.

**Grade Point Average** — the total number of quality points earned (credits x grade) divided by total hours attempted. The GPA is a measure of the student’s level of achievement and is used to determine academic awards or to assess academic discipline.

**Interterm** — a three-week study period during January in which students may take one course. Some specialized or travel courses are offered at this time.

**Major** — the primary field of study selected by a student, usually based on the student's career objectives.

**Minor** — a secondary field of study, not required for graduation, selected by some students who wish to develop additional skills.

**Prerequisite** — any requirement which must be met with a passing grade of C- or better before enrollment in a course.

**Semester** — an approximately 15 week period of study.

**Transcript** — an official document from the Registrar’s Office listing all academic work completed or attempted, and the official grades and grade point averages.

**VPAA**—Vice President for Academic Affairs, commonly referred to as the Academic Dean.

**Class Schedules**

Class schedules are published each semester and are available online at www.sterling.edu under “Academics” ([http://www.sterling.edu/academics/course-finals-schedule](http://www.sterling.edu/academics/course-finals-schedule)). Although every effort is made to be accurate in its course offerings, the College reserves the right to make essential course changes, to discontinue any course for which an insufficient number of students register, or to change the semester in which a course is offered.
Attendance
Faculty members will specify in the course syllabus at the beginning of the term their policies regarding absences or irregular attendance and will keep a record of attendance. Irregular attendance or excessive absences may result in the lowering of a student’s grade or the student being withdrawn from the course. Activity sponsors will identify participants and their schedules for faculty records.

Excused absences are those that occur because of verifiable illness, death in the family, or similar emergency, of which the Office of Academic Affairs and the instructor have been notified.

It is the student’s responsibility to inform the instructor prior to absences due to college-sponsored activities, including athletic events, concert tours, field trips, or the like. Such absences do not excuse the student from work required in the course and the student is required to adhere to the instructor’s attendance policy set forth in the syllabus.

Students must complete course assignments missed due to any absence. When an exam, student performance, or laboratory is scheduled for the same time as the student activity, the student’s first responsibility is to the exam, performance, or laboratory, unless special arrangements have been made with the instructor in advance.

An extended absence of more than 3 days must also be reported to the Academic Affairs Office.

Course Numbering System
Courses are designated by a three digit number. The first digit of the course number guides students in appropriate course selection as follows:

<table>
<thead>
<tr>
<th>Course Number</th>
<th>General Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-199</td>
<td>No prerequisites required. Introductory and survey courses primarily for first-year students and General Education.</td>
</tr>
<tr>
<td>200-299</td>
<td>Courses with one or more prerequisites. Primarily for sophomores.</td>
</tr>
</tbody>
</table>
Courses with two or more prerequisites. Primarily for juniors and seniors.

Senior level courses.

Graduate level courses available through ACCK.

COURSE ENROLLMENT POLICIES

First-Year Course Requirements
Each semester of the freshman year, students are required to enroll in three courses that meet general education requirements. During the freshman year two specific courses are required, and the student must choose four other general education courses. Students are required to enroll in, and are not allowed to drop or withdraw from these courses:

1. LL101 College Composition (I)
   (LL095 Basic Writing may be a prerequisite as determined by test scores);
2. GD105 Foundations of Servant Leadership

All students must have completed the above courses or their equivalent by the end of their first semester (or year if LL095 is required) at Sterling College.

If either of the above courses is waived by the appropriate department, the student will still be required to take three general education classes during each semester.

Directed Study/Independent Study
An Independent Study is a specific program of study, for 1-3 credits, under the direct supervision of a faculty member. The faculty member meets with the student for at least one hour per each hour of credit per month. Enrollment in this type of course is limited to juniors and seniors in their major area(s) only and for a maximum of 6 credits toward degree completion.

A Directed Study is a catalog course which is offered on an independent basis because it is not on the current schedule, or it is offered in conflict with another required course. The amount of time spent with the student is at the faculty member’s discretion. Faculty members are not obligated to teach a course as a
Directed Study, and the department may also identify courses which cannot be taken in this format.

Procedures:
1. The faculty member must design a syllabus to meet the requirements of this individualized course of study.
2. To register for the course, the student must present a completed contract form with the course syllabus to the Registrar’s Office no later than the 1st week of the semester, or the first day of May term.
3. Directed or Independent Studies over the summer must be the exception rather than the rule. The approval of the course instructor and department chair must be obtained. The completed contract with syllabus must be submitted to the Registrar’s Office no later than April 15th.
4. The VPAA must approve all requests prior to enrollment in the course.

Auditing
Sterling College offers admitted students the option of attending a course without credit. To do so, the student must enroll in the course as an auditor. No change from audit to credit or from credit to audit may be made after the drop/add deadline. Audits will be limited to one course a semester for students enrolled full-time. Part-time students may audit a maximum of two courses during a semester. The audit fee applies to anyone auditing a course, regardless of special tuition arrangements. The fee is waived only if the credits fit within the full-time load of 12-17 credit hours. Before enrolling for an audit course, students must obtain a form from the Registrar’s Office and secure the permission of the instructor. Where a course has enrollment limits, students taking the course for credit will be given priority. Auditors must understand that the instructor is under no obligation to evaluate their work. Audited courses will be recorded on transcripts.

Concurrent Enrollment
Any courses, including summer and online courses, taken at another institution while a student is enrolled at Sterling College must have prior approval of the Registrar to ensure that the course meets Sterling College requirements.

General Enrollment Policies
1. Course Registration: Only registered students may attend class.
2. **Adding or Dropping Courses after Registration:** Students who wish to add or drop a class must obtain a form from the Registrar’s Office and have it signed by their academic advisor. After the first week, instructors must also sign the form. Deadlines for adding or dropping a course are shown on the Academic Calendar.

3. **Withdrawal from Courses:** After the add/drop deadline, a student may elect to withdraw from a course and have a grade of “W” recorded on the transcript. To withdraw from a course, the student must complete a form, available from the Registrar’s Office, and have it signed by their academic advisor and instructor before returning it to the Registrar’s Office. Please consult the Academic Calendar for the last day to withdraw from a course.

4. **Withdrawal from College:** To officially withdraw from Sterling College after a term has begun, students must report to the Student Life Office to receive a withdrawal form. The withdrawal form must be signed by the following college personnel or their designees: the Director of Admissions, Vice President of Student Life, Director of Financial Aid, Resident Director (if a residential student), Academic Advisor, Director of the Library, Registrar, and the Vice President for Finance. Refunds will be made where applicable. Students who officially withdraw from Sterling College will not be permitted to eat in the cafeteria or live in the residence halls after their official withdrawal date. The last official date to withdraw from the College is the same as the last date to withdraw from courses.

### Course Load

<table>
<thead>
<tr>
<th>Part-time</th>
<th>Less than 12 credit hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-time</td>
<td>12 - 17 credit hours</td>
</tr>
<tr>
<td>Overload</td>
<td>Over 17 credit hours</td>
</tr>
</tbody>
</table>

**Note:** To be eligible to participate in any extracurricular activity representing the College off-campus, a student must be full-time. Students on probation are not permitted to carry more than 13 credits. Students wishing to take an overload must obtain permission from the Registrar. Refer to the Schedule of Charges for overload fee.
Grading and Recording Policies

1. Grading System

Grade reports are provided online to students and advisors at mid-term, at the end of each semester, and at the end of the interterm period. A brief description of letter designations is given below:

A  “Superior performance of all required work, or, in some cases, performance beyond that which is actually required.”
B  “Distinctly good work in all class requirements.”
C  “Fairly good performance of assigned work.”
D  “Inferior work”
F  “Failure to meet minimum performance requirements.”
I  “Incomplete.” Students who, for unavoidable reasons due to serious illness or family emergency, are unable to complete the course requirements may request, before the end of the course, that the instructor assign a grade of “I” (incomplete). A grade of “I” will not be assigned unless the student submits to the Registrar an Incomplete Grade Form signed by the student and the instructor. The student must complete the course requirements according to a schedule developed by the instructor. An “I” grade must be changed by the instructor by the seventh Friday of the following semester. Please consult the Academic Calendar for the specific date each semester. After this date, the “I” becomes an “F”.
IP “In progress.” Grades have not been recorded.
P “Pass.” This grade is given when students select the pass option and under the traditional grading policy would receive a grade of C- or above. The “P” grade is also recorded for students who successfully complete the requirements of any course which uses only the Pass/Fail grading system.
W “Officially withdrawn”

2. Pass Option

After the freshman year, students may elect to take certain courses on a pass basis. The purpose of this option is to encourage students to take courses outside their major or in fields with which they are unfamiliar, in order to get broader exposure to the liberal arts without the risk of a low grade negatively impacting their GPA. Regulations governing this option are as follows:
A. A maximum of four courses may be taken with this option from Sterling College; no more than one per semester.
B. Courses that only assign pass/fail grades do not count toward the maximum;
C. Students on academic probation are not eligible;
D. This option may not be used for courses in a student’s major, minor, or in the teacher certification program, nor for a course needed to meet a Basic Skills requirement;
E. Students should indicate their desire to exercise this option when first enrolling in a particular course. No change will be allowed in the selection of the Pass Option after the drop/add deadline. Consult the Academic Catalog for the specific date;
F. A student earning a grade of C- or higher will have a “P” recorded on the transcript. Lower grades (D+, D, D-, and F) will be recorded on the transcript;
G. When enrolling in a course with the Pass Option, students may indicate a desire to take a specified letter grade rather than the “P”. If the student earns the desired grade, this grade is recorded on the transcript rather than the “P”. This course still counts toward the maximum of four courses.

3. Grade Points
   
<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>0.0</td>
</tr>
</tbody>
</table>

4. Time Limitation
   Students have seven years from their initial enrollment to complete the requirements in the catalog in effect when they initially enrolled. After seven years, students must meet the requirements of the current catalog. Appeals will be considered by the Vice President for Academic Affairs working with the Academic Affairs Committee.

5. Classification of Students
   Class standing is determined at the beginning of each semester as follows:
   Freshman 0-31 credits
   Sophomore 32-62 credits
6. **Transcript requests**

Students needing a copy of their Sterling College transcript must submit a signed request to the Registrar’s Office. Forms are available at the Registrar’s Office or [http://www.sterling.edu/academics/registrar](http://www.sterling.edu/academics/registrar). The first transcript is free; thereafter a $6.00 fee per transcript must accompany each request. Transcripts will be released only if all financial obligations to SC are satisfied and educational loans incurred while an SC student are not in default.

**ACADEMIC STATUS**

**SATISFACTORY PROGRESS**

Students must have a minimum cumulative GPA of 2.00 to graduate. Students who cannot reasonably be expected to successfully finish their academic program will not be allowed to continue enrolling at Sterling College. The minimum academic standards used to determine satisfactory progress are listed on pg. 51. These are distinct from financial aid requirements.

The academic status of every student, whether full- or part-time, is determined after each semester grading period and is based on the following:

A. To avoid suspension, full-time, first-time freshmen MUST earn at least six credit hours in each of their first two semesters. Beyond that point, they must earn at least eight credit hours each semester. Transfer students must earn at least 8 credit hours beginning with their first Sterling College semester.

B. Summer courses may be used to make up deficiencies in minimum hours or GPA for athletic eligibility. However, students must seek the approval of the Registrar before enrolling in courses at other institutions to ensure the courses meet College requirements.

C. Full-time students must complete the Chapel/Convocation requirement during every semester during which they are enrolled in
Chapel/Convocation is a requirement for graduation.

Even these minimal standards may not be sufficient for some types of financial aid. Any student who is not making satisfactory progress may lose financial aid and athletic eligibility and/or the right to continue attending Sterling College.

**Academic Warning**
If the academic deficiency can be corrected with only slight improvement in grades in one semester, the student is placed on academic warning. There are no restrictions of activity but the student needs to be aware of the GPA requirements for graduation.

**Academic Probation**
When a deficiency is serious enough to require significant improvement in grades for more than one semester in order to achieve the GPA requirements for graduation, students are placed on academic probation. During the first semester that students are placed on academic probation, they are required to participate in GD104 and a study skills group to obtain the skills needed to be successful in college. Students must pass GD104 with a C- or higher. Even if a student remains on academic probation, if the student has passed GD104 in a previous semester he or she will not be enrolled in the class again. A student will only be enrolled in GD104 a total of two semesters even if he/she did not pass either semester.

Students on academic probation should be aware that their academic careers are in serious jeopardy. Some programs and activities, financial aid, and athletic eligibility may not be available. Students on academic probation will not be allowed to enroll in more than 13 credit hours.

If at the end of the first probationary semester sufficient academic progress still has not occurred, the student will again be placed on academic probation for the following semester. At the end of the second consecutive probationary semester if the student’s resident cumulative GPA still qualifies the student for probation, academic suspension will result. However, a student who achieves a semester GPA of at least 2.0 for 8 or more completed hours will be allowed to remain enrolled on probation the following semester regardless of the resident cumulative GPA.
Chapel/Convocation Probation and Disciplinary Action
Sterling College provides at least two chapel opportunities per week and three convocations each semester. Students are expected to attend chapel weekly to meet the minimum requirement of 14 chapels and 2 convocations during the semester. Exemptions from the requirement are only when students are enrolled in off-campus programs like Clinical Teaching Experience, study programs sponsored by the CCCU, and in Sterling College Online. Any exception or problems with non-compliance are handled by the Chaplain and Vice President for Academic Affairs. The Chaplain’s office is responsible for Chapel/Convocation record-keeping. It is the responsibility of the student to verify that their attendance is recorded.
Students who have not met the chapel and convocation attendance requirements will be placed on Chapel/Convocation Probation the following semester, and may not be allowed to participate in the following extra-curricular activities until chapel/convocation attendance deficiencies are made up: Student Government, leadership training, athletic competitions, drama performances, music performances, student ministries, praise band, intramural activities, debate and forensics teams, and the honors program.

Students on Chapel/Convocation Probation must attend additional chapel services or convocations while on probation. The current semester chapel/convocation attendance requirements must be met before additional chapel services or convocations can be used to remove a prior semester’s attendance deficiency. Any student who is placed on Chapel/Convocation Probation for a second semester, regardless of whether it is consecutive or cumulative, may not be allowed participation in the above mentioned activities, and all Sterling College scholarship funds may be lost. Students who do not meet chapel/convocation attendance requirements for three semesters, regardless of whether or not it is consecutive or cumulative, may be suspended from Sterling College for one semester. After one semester, students wishing to be readmitted to Sterling College must meet with the Vice President for Academic Affairs and the Chaplain prior to pre-enrollment. Further unsuccessful chapel/convocation attendance beyond this point may result in permanent dismissal from Sterling College.

ACADEMIC SUSPENSION
A student will be suspended from the College for one semester if any of the following occur:

A. The student fails to earn the minimum number of credit hours. For the first two semesters, a full-time, first-time freshman must earn at least six
credit hours. All other full-time students must earn at least eight credit hours each semester.

B. The student fails to meet the standards for satisfactory progress after two semesters on probation as defined above.

C. The student’s residential GPA falls below the levels indicated in the following table.

Readmission following suspension is not automatic. Readmission is based upon evidence that the difficulties encountered have been resolved. Students readmitted following academic suspension will be placed on academic probation, with academic status reevaluated at the end of the term.

Minimum Standards for Satisfactory Academic Progress

<table>
<thead>
<tr>
<th>TOTAL RESIDENT HRS. ATTEMPTED</th>
<th>WARNING IF RES. GPA IS BELOW</th>
<th>PROBATION IF RES. GPA IS BELOW</th>
<th>SUSPENSION IF RES. GPA IS BELOW</th>
<th>INELIGIBLE FOR ATHLETICS IF CUMULATIVE GPA IS BELOW</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 - 15</td>
<td>2.00</td>
<td>1.70</td>
<td>1.00</td>
<td></td>
</tr>
<tr>
<td>16 - 31</td>
<td>2.00</td>
<td>1.85</td>
<td>1.20</td>
<td></td>
</tr>
<tr>
<td>32 - 44</td>
<td>2.00</td>
<td>1.90</td>
<td>1.40</td>
<td></td>
</tr>
<tr>
<td>45 - 62</td>
<td>2.00</td>
<td>2.00</td>
<td>1.60</td>
<td>2.00</td>
</tr>
<tr>
<td>63 - 75</td>
<td>2.00</td>
<td>2.00</td>
<td>1.70</td>
<td>2.00</td>
</tr>
<tr>
<td>76 - 93</td>
<td>2.00</td>
<td>2.00</td>
<td>1.80</td>
<td>2.00</td>
</tr>
<tr>
<td>94 - 110</td>
<td>2.00</td>
<td>2.00</td>
<td>1.90</td>
<td>2.00</td>
</tr>
<tr>
<td>111+</td>
<td>2.00</td>
<td>2.00</td>
<td>1.95</td>
<td>2.00</td>
</tr>
</tbody>
</table>

ACADEMIC DISMISSAL

Any suspended student who is subsequently readmitted and who fails to raise the residential GPA, or any student who suffers from a deficiency which, in the judgment of the Vice President for Academic Affairs, makes it unreasonable to anticipate eventual completion of the degree requirements, will be permanently dismissed.
Academic Honors

Dean’s Honor Roll
The Dean’s Honor Roll is announced at the end of each semester. To be eligible students must have a GPA of 3.50 or better in at least 12 credits of residential work or 10 credits for Sterling College Online students. A student receiving a grade of F or Incomplete (I) in any course, including Chapel/Convocation, will not be eligible.

Kelsey Scholars and Alpha Chi
At the end of the spring semester of each year, full-time students who have met the following standards are designated as Kelsey Scholars. Students enrolled the following fall are recognized at the Keynote Convocation. From this group, a limited number of students are eligible during their junior or senior year for membership in Alpha Chi, a national honorary scholastic fraternity.

Requirements:
1. Sophomore standing or above.
2. GPA of 3.50 or above in both residential and cumulative GPA.
3. Minimum of two semesters in residence at Sterling College.
4. No incompletes on record, or F in chapel.

Graduation honors
Students who complete at least 60 credits at Sterling will be eligible for graduation honors. Residential GPA and cumulative GPA will be considered independently and both must meet the following criteria. If the GPAs are at two different levels, the lower GPA will determine the honor. The cumulative GPA at the end of Interterm prior to spring commencement is used to determine recognition for graduation with honors at commencement. However, graduation with honors, as recorded on the final transcript, includes grades from all subsequent academic terms required to complete degree requirements.

<table>
<thead>
<tr>
<th>Cumulative GPA</th>
<th>Honor</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.90 and above</td>
<td>Summa Cum Laude</td>
</tr>
<tr>
<td>3.70 to 3.899</td>
<td>Magna Cum Laude</td>
</tr>
<tr>
<td>3.50 to 3.699</td>
<td>Cum Laude</td>
</tr>
</tbody>
</table>
BACCALAUREATE DEGREE REQUIREMENTS

Sterling College grants the degrees of Bachelor of Arts and Bachelor of Science. All candidates for the baccalaureate degree must meet the following requirements:

1. Candidates must complete the *Declaration of Degree Candidacy* form at the **Registrar’s Office** to declare their intent to graduate, according to the following schedule. Students intending to graduate at the completion of Fall Semester or Interterm must declare by the end of the preceding Spring Semester. Students intending to graduate upon completion of Spring Semester, May term, or Summer term must declare by the end of the preceding Fall Semester;

2. Candidates must be recommended by the Faculty and approved by the Board of Trustees;

3. Candidates must have completed 124 credit hours (no more than 65 credit hours from a two-year college), with a cumulative GPA of 2.00. A cumulative GPA of 2.50 is required for education licensure;

4. Candidates must have completed at least 24 of their last 30 credit hours at Sterling College;

5. A minimum of six credits in a student’s major must be taken at Sterling College; a minimum of three credits in a minor must be taken at Sterling College;

6. Candidates must have fulfilled the general education requirements, including the **Chapel and Convocation** requirement;

7. Candidates must have fulfilled the requirements for all declared majors including professional licensure and certification requirements, and must have attained a minimum grade point average of 2.50 in their declared majors and minors. Education students must have a minimum GPA of 2.75 in both major and licensure requirements;

8. Candidates must complete testing required for institutional assessment in both general education and the major upon recommendation of the Assessment Committee.
Degree Requirements Exemption
In order to receive exemption from any degree requirement a student must file a written petition with the Vice President for Academic Affairs (VPAA). The student’s major advisor should also make a recommendation to the VPAA. Final authority rests with the VPAA working with the Academic Affairs Committee.

Graduation Ceremonies
The annual baccalaureate and commencement ceremonies are held at the end of the spring term. Students who will have all of their degree and licensure requirements completed by the end of August (prior to the start of the new academic year) may participate in the spring ceremony.

Students who complete their work at the end of the Fall Semester or Interterm will not receive their diplomas and participate in the ceremony until the following spring commencement; however, the fall graduation date will be posted to the transcript.

The program for each commencement ceremony carries the names of all students who have completed the requirements for graduation within that academic year and also the names of those who will have completed such requirements prior to the beginning of the Fall semester of the next academic year.

Though not required for Sterling College Online students, candidates are strongly encouraged to attend commencement ceremonies. Regardless of attendance or non-attendance, the graduation fee is required.

ACADEMIC INTEGRITY
Sterling College faculty and students form an academic community committed to the Biblical principles of justice and honesty, and to the core values of faith, calling, learning, integrity, service, and community. Our commitment to academic integrity requires that each student and faculty member be responsible for creating an environment of trust and respect in which the search for knowledge, truth, and wisdom can be successfully accomplished. Students are expected to:

- perform and represent honestly their own academic work,
- properly acknowledge others’ ideas, words, and creations when appropriate,
- respect the learning environment and the expression of others’ ideas and opinions,
- demonstrate good stewardship in the use of academic resources.

Any violation of these expectations will result in disciplinary actions. A record of these violations will become a part of the student’s permanent academic record at Sterling College. Violations of the Sterling College Academic Integrity Policy include, but are not limited to:

**Plagiarism:** The presentation of someone else’s words or ideas as the student’s own.

**Cheating:** Obtaining unauthorized help on a course activity. Assistance of any kind on course activities will be considered cheating unless the instructor has explicitly expressed consent for such assistance to take place.

**False Information:** Creation or manipulation of false information (including lying) in or with regard to any course related activity.

**Recycling:** Use of work submitted in another course to meet course requirements without explicitly expressed consent of both instructors.

**Supporting Academic Integrity Violations:** Assisting a student in committing any of the violations listed above (plagiarism, cheating, false information, or recycling) where such assistance has not been approved by the instructor through explicitly expressed consent.

**Disrupting the Learning Process and/or Experience:** Willful and repeated violation of classroom behavior policies as outlined and/or described in the course syllabus or disruption of course activities.

**Process:**

Once a faculty member judges that an offense has occurred, the instructor must normally notify the student in writing of the charge of an academic integrity violation and the reasons for the charge within two days of the alleged violation being discovered. This notification can occur via the student's college email address. If the student disputes the faculty member's finding, then the student has two working days to submit to the faculty member a written appeal of the charge. If, based on the student appeal, the faculty member determines that no violation has occurred, then the charge is dropped and the process ends. If the faculty
member upholds the determination that a violation has occurred or if the student does not appeal, the faculty member then notifies the student and the Office of Academic Affairs via email, and forwards all documentation to Academic Affairs. The student can then appeal the decision to the Vice President of Academic Affairs (or his/her designee) in writing within five working days. The decision of the Vice President for Academic Affairs is final. No appeal will be entertained regarding the punitive consequences of an academic integrity violation, only whether the violation occurred. A record of offenses is maintained in the Office of Academic Affairs and the student's file.

Simultaneous Offenses: Multiple offenses by one student reported to the Office of Academic Affairs before the student has had the benefit of a first offense warning will be treated as one offense.

Consequences: The consequences of an academic integrity violation are as follows. Please note that charges to a student's account are not altered when as a result of an academic integrity violation the student is issued a grade of W, is suspended, or is dismissed.

First Offense: The faculty member decides on the penalty for a violation in that course, up to a failing grade for the course. The recommended penalty is a failing grade on the assignment and a one letter grade reduction in the final grade for the course. Academic Affairs will notify the student in writing that he/she has been found guilty of an academic integrity violation and, when possible, the student will meet personally with the Vice President for Academic Affairs or his/her designee to discuss the penalties for any subsequent violation and how to correct the behavior in the future.

Second Offense: Upon confirmation of the second offense the student will be suspended from the College and receive a grade of F for the class in which the academic integrity violation occurred and a W in all other classes. "Academic Integrity Violation" will be recorded on the student's transcript as the reason for suspension. The student may apply for readmission to Sterling College the following semester.

Third Offense: Upon confirmation of the third offense, the student will receive an F for the class in which the academic misconduct occurred and a W in all other classes. The offense will be recorded on the student’s
transcript and the student will be immediately and permanently dismissed from Sterling College.

**STUDENT ACADEMIC APPEALS PROCESS**

Students may appeal an academic decision when the basis of that appeal would be:

a. inappropriate application of syllabus standards in grading by a faculty member, or inappropriate application of an academic policy or procedure;

b. unethical conduct in grading or in regard to academic policy or procedural decisions.

The appeal process must begin by the end of the seventh week of the following semester. It is in everyone’s best interest if the issue can be resolved at the lowest level, between the student and the faculty member or the Registrar. **An appeal is not considered to be official until the student submits a written appeal to the appropriate person.** In that written appeal, the student should request a written response.

**Appeal Procedure**

For syllabus standards and/or grading appeals:

1. Instructor
2. Vice President for Academic Affairs
3. Academic Affairs Committee

For academic policy and procedure appeals:

1. Registrar
2. Vice President for Academic Affairs
3. Academic Affairs Committee

**Academic Services**

**Academic Support Center**

Located in Mabee Library, the Academic Support Center assists students who struggle academically, need tutoring, have a documented learning disability, or are on academic probation.

**Mabee Library**

The mission of Mabee Library is to serve the information needs of the Sterling College community through acquiring, organizing and preserving books and serials,
non-print and electronic resources, and providing guidance, consultation, and instruction to assist users in effectively obtaining, evaluating, and applying needed information. Mabee Library contains a growing collection of books, periodicals, and multimedia resources selected to support student learning. A wealth of information resources can be delivered to students through interlibrary loan or printed as full-text. Computer workstations provide network access to the on-line catalog, bibliographic databases, and the Internet. Through cooperative agreements, faculty and students have easy access to the resources of ACCK libraries and to other academic and public libraries in Kansas. Librarians participate with classroom instructors in helping students develop information literacy, the skills and concepts essential for functioning effectively in an information society. Information literacy includes the ability to locate, evaluate, and use needed resources in a variety of formats.

The Council for Christian Colleges and Universities (CCCU)
As a student at a member college of the Council for Christian Colleges and Universities (CCCU), an association of 111 Christian colleges and universities, the following programs are available to you. These off-campus, interdisciplinary, learning opportunities are available to upper class students and offer academic credit. Descriptions of each program and application information are available on the CCCU website: www.cccu.org or www.bestsemester.com.

Note: Tuition, fees, and financial aid may vary for students participating in these programs.

Culture-Crossing Programs:
- Australia Studies Center
- China Studies
- Latin American Studies
- Middle East Studies
- The Oxford Summer
- The Scholars Semester
- Uganda Studies

Culture-Shaping Programs:
- American Studies
- Contemporary Music Center
- Los Angeles Film Studies Center
- Washington Journalism Center
THE CURRICULUM

The mission of Sterling College is to develop creative and thoughtful leaders who understand a maturing Christian faith. As servant leaders within the context of a Christ-centered world-view, students are encouraged to develop an understanding of the world and how to work positive change within it. Given the pace of change in the world, students must learn to remain open to new ideas and interpretations and allow this new learning to inform their maturing faith. Sterling College divides the curriculum in the traditional way, with a general education curriculum that provides a common body of knowledge to all students, and majors which provide specialized disciplinary study. Sterling College’s general education program, like the majors, is grounded in the mission statement, and is designed to help develop faithful, creative, and thoughtful leaders.

Each course is identified by a two letter subject code (BI = biology, MU = music) and a three or four digit course number. Each course description indicates the number of credit hours earned by successful completion of the class and an indication of the material covered in the course. More specific information on the course content, requirements, and schedule is available in the course syllabus which can be obtained from the Office of Academic Affairs or from the instructor.

Honors Program

The Sterling College Honors Program serves to enhance the educational program of academically advanced students. Admission to the Honors Program is by invitation to freshmen students based on high school academic record.

Participants will complete a series of courses which have been developed for gifted and highly motivated students while fulfilling specific degree requirements. Students will also participate in service projects developed as a means of connecting students with service opportunities in the community.
GENERAL EDUCATION
CORE CURRICULUM

The General Education Core Curriculum addresses the college’s mission “to develop creative and thoughtful leaders who understand a maturing Christian faith.” These characteristics are realized in graduates who develop broad knowledge, skills for thinking and acting, and values that arise from our Christian heritage and that aim to build a better society. Knowledge, skills, and values should be integrated into a worldview from which graduates seek to serve God and the world. More specifically, students should gain:

1. Knowledge of the world and its human cultures
   - Sciences
   - Mathematics
   - Social Science
   - Literature
   - Religion
   - Philosophy
   - History
   - Fine Arts

2. Intellectual and practical skills
   - Inquiry and reflection
   - Critical and creative thinking
   - Written and oral communication
   - Quantitative literacy
   - Information literacy
   - Teamwork and problem solving

3. Personal and social responsibility
   - Civic knowledge and engagement - local and global
   - Intercultural knowledge and competence
   - Ethical reasoning and compassionate action
   - Foundations and skills for life-long learning

4. Integrative learning
   - Synthesis of general and specialized studies

Courses Required For General Education

1. LL101 College Composition I 3 credits
2. CM101 Public Speaking or
   TA130 Oral Interpretation or
   TM245 Homiletics (BS and CM majors only) 3 credits
   BU140 Business Communication (BU and SM majors only) 2 credits
3. Take one mathematics course from the following:
   Students are strongly encouraged to complete the required mathematics course(s) within the first four semesters of coursework.
   BS196 Statistics for the Behavioral Sciences 3 credits
   MA108 Contemporary Math 3 credits
   MA110 College Algebra 3 credits
   MA150 Pre-Calculus 5 credits
   MA200 Calculus I 5 credits
   MA240 Elementary Statistics 3 credits
   OM320 Business Statistics 3 credits

4. ES101 Concepts in Physical Fitness and Health 2 credits

The above courses represent basic skills necessary for all college students. A minimum grade of C- in each of these classes is required to meet the requirement.

5. GD105 Foundations of Servant Leadership 1 credit

6. Take any one Literature course 3 credits

7. Take any one Science course from the following:
   BI101/L Principles of Biology with Lab 4 credits
   BI110/L Human Anatomy and Physiology 5 credits
   BI125/L Environmental Science 4 credits
   BI170/L Zoology 4 credits
   CH151/L General Chemistry I 5 credits
   PH110/L Physical Science 4 credits

8. Take one History course from the following:
   HI101 History of World Civilization I 3 credits
   HI102 History of World Civilization II 3 credits
   HI211 U.S. History I 3 credits
   HI212 U.S. History II 3 credits
   HR201 Non-Western Culture and History I (Honors Program only) 3 credits
   HR202 Non-Western Culture and History II (Honors Program only) 3 credits

9. Take one Social Science course from the following:
   BU103 Economics 3 credits
   BS115 Principles of Sociology 3 credits
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS125 General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>BS131 Self and Society</td>
<td>3</td>
</tr>
<tr>
<td>CM365 Gendered/Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>HG202 American Government</td>
<td>3</td>
</tr>
<tr>
<td>HG240 World and Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>HG372 International Relations</td>
<td>3</td>
</tr>
<tr>
<td>TM262 World Religions</td>
<td>3</td>
</tr>
</tbody>
</table>

10. Fine Arts course or courses totaling three (3) credits                   3 credits
    Course(s) must be chosen from Art, Music, or Theatre
    Except MU243A/B and AR275

11. TM102 Intro to Old Testament                                             3 credits
12. TM103 Intro to New Testament                                             3 credits
13. TM366 Basic Christian Doctrine                                           3 credits

Students are required to successfully complete all of the general education requirements in order to be eligible to graduate, as well as 14 chapels and 2 convocations per full-time semester of enrollment, and 2 writing intensive courses one of which must be in the student’s major. The writing intensive courses must be passed with a minimum grade of C- and are in addition to LL101. The writing intensive courses are noted in the course descriptions.
ACADEMIC MAJORS AND MINORS

Every major is designed to produce in the student:

A. knowledge of the discipline’s content and methods, including:
   1. historical and philosophical background,
   2. range of subject matter,
   3. central principles,
   4. generally accepted unifying perspectives (theories, laws, methods, systems, and models).

B. continuing development of skills related to the discipline’s content, including:
   1. acquiring information for producing creative projects,
   2. analyzing, synthesizing, and evaluating primary source material,
   3. writing and speaking critically and creatively,
   4. pursuing advanced study and/or a career.

C. values relating the discipline to world-view perspectives, including:
   1. relating discipline-specific knowledge to other areas of inquiry,
   2. applying ethical guidelines to discipline-specific activity,
   3. relating discipline-specific content to Christian faith,
   4. using discipline-related information to provide voluntary service to the community.

MAJORS

The faculty has defined a major as an academic area of prescribed courses usually totaling between 40 and 60 credit hours. Listed below are the majors offered by Sterling College, including areas of concentration and/or Education Licensure. Each major will include a required service project and a required creative product.

Education Licensure is necessary for students desiring to teach in public schools in the state of Kansas. Students must apply and be accepted to the Sterling Teacher Education Program (STEP).
ART and DESIGN (BA)
- Ceramics/Sculpture
- Drawing/Painting
- Education Licensure
- Graphic Design
- Illustration
- Photography
- Self-Directed Studio
- Studio/Fine Art

ATHLETIC TRAINING (BS)

BIBLICAL STUDIES (BA)
- Old Testament Studies
- New Testament Studies

BIOLOGY (BS)
- Education Licensure

BUSINESS ADMINISTRATION (BS)
- Accounting
- Capitalism
- Economics
- Entrepreneurship
- International Business
- Leadership-Management
- Marketing
- Real Estate
- Social Entrepreneurship

CHEMISTRY (BS)
- Education Licensure

CHRISTIAN MINISTRIES* (BA)
- Missions (Intercultural Studies)
- Urban Ministry
- Worship Leadership
- Youth

COMMUNICATION and MEDIA ARTS (BA)
- Cinema Production
- Communication Arts
- Education Licensure
- Journalism
- Multimedia Production
- Public Relations

ELEMENTARY EDUCATION* (BS)

ENGLISH (BA)
- Education Licensure^ 

EXERCISE SCIENCE (BS)
- Education Licensure

HEALTH SCIENCE (BS)
- Pre-Physical Therapy

HISTORY (BA)*
- Education Licensure in History and Government

INDEPENDENT INTERDISCIPLINARY
MATHEMATICS* (BS)
- Applied Mathematics
- Education Licensure

MUSIC (BA)
- Applied Instrumental or Vocal
- Education Licensure
- Sacred Music

ORGANIZATIONAL MANAGEMENT (BS)*

PSYCHOLOGY (BA)

SPORTS MANAGEMENT (BS)
- Club, Fitness, and Recreation
- Coaching and Instruction

THEATRE ARTS (BA)
- Directing
- Education Licensure
- General
- Performance
- Technical

THEOLOGICAL STUDIES (BA)*

WRITING and EDITING (BA)
- Creative Writing
- Professional Writing

*Available online
^Available as Second Field Endorsement in Education Licensure

Note: Sterling works to prepare students for careers and/or further advanced study in many areas. Students should consult their advisors about their career plans. Each department can recommend course selections for various career/graduate school interests.

MINORS
A minor is a secondary area of study allowing students to customize their education for their needs and interests. Sterling College offers the following minors listed with concentrations and/or Education Licensure:

Adaptive Special Education *(See Education Licensure and Elementary Ed)*
- Art and Design
- Biblical Studies
- Biology

Business
- Business for the Liberal Arts
- Capitalism
- Economics
Entrepreneurship  
General Business  
International Business  
Leadership-Management  
Marketing  
Real Estate  
Social Entrepreneurship  
Chemistry  
Christian Ministries  
  • General  
  • Missions (Intercultural Studies)  
  • Urban Ministry  
  • Worship  
  • Youth

Communication, Media, and Theatre Arts  
English  
Exercise Science  
Family Studies (See Christian Ministries Major)  
Greek (See English Major)  
History  
Mathematics  
Music  
Political Science (See History Major)  
Psychology  
Writing and Editing

EDUCATION LICENSURE: STERLING TEACHER EDUCATION PROGRAM (STEP)

Education Licensure is necessary for students desiring to teach in public schools in the state of Kansas. Students must apply and be accepted to the Sterling Teacher Education Program (STEP). Education Licensure and STEP requirements can be found under Education Licensure on page 93.

ART and DESIGN MAJOR (BA)

The Art and Design department provides a flexible, varied, and well-balanced group of art experiences that lead to an acquaintance with art history and appreciation, and to individual creative growth and expression through visual and tactile means. The major offers seven concentrations: Ceramics/Sculpture, Drawing/Painting, Graphic Design, Illustration, Photography, Self-Directed Studio, and Studio Art/Fine Art. They are designed to meet the needs of students who wish to major in art in preparation for advancement academically or professionally and those wanting an understanding of art as part of their liberal arts education. The Art and Design major also prepares students seeking licensure in Art Education.
## Core Requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR110</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>AR131</td>
<td>Design I - 2 Dimensional Design and Color Theory</td>
<td>3</td>
</tr>
<tr>
<td>AR151</td>
<td>Design II - 3-Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>AR155</td>
<td>Service Project Lab</td>
<td>1</td>
</tr>
<tr>
<td>AR210</td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>AR211</td>
<td>Art History I</td>
<td>3</td>
</tr>
<tr>
<td>AR212</td>
<td>Art History II</td>
<td>3</td>
</tr>
<tr>
<td>AR215</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>AR220</td>
<td>Painting I</td>
<td>3</td>
</tr>
<tr>
<td>AR210</td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>AR211</td>
<td>Art History I</td>
<td>3</td>
</tr>
<tr>
<td>AR212</td>
<td>Art History II</td>
<td>3</td>
</tr>
<tr>
<td>AR215</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>AR220</td>
<td>Painting I</td>
<td>3</td>
</tr>
<tr>
<td>AR220</td>
<td>Painting II</td>
<td>3</td>
</tr>
<tr>
<td>AR345</td>
<td>Theory and Criticism in Visual Art <em>(Writing Intensive)</em></td>
<td>3</td>
</tr>
<tr>
<td>AR490</td>
<td>Senior Art Exhibition</td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal: 34 credits**

## Ceramics/Sculpture Concentration:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR160</td>
<td>Ceramics I - Basic</td>
<td>3</td>
</tr>
<tr>
<td>AR235</td>
<td>Sculpture I - Basic</td>
<td>3</td>
</tr>
<tr>
<td>AR260</td>
<td>Ceramics II - Advanced</td>
<td>3</td>
</tr>
<tr>
<td>AR335</td>
<td>Sculpture II - Advanced</td>
<td>3</td>
</tr>
<tr>
<td>AR360</td>
<td>Ceramics III - Studio</td>
<td>3</td>
</tr>
<tr>
<td>AR435</td>
<td>Sculpture III - Senior Studio or</td>
<td>3</td>
</tr>
<tr>
<td>AR460</td>
<td>Ceramics IV - Senior Studio</td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal: 34 credits**

## Drawing/Painting Concentration:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR310</td>
<td>Figure Drawing</td>
<td>3</td>
</tr>
<tr>
<td>AR381</td>
<td>Projects in Drawing (2x) or</td>
<td>6</td>
</tr>
<tr>
<td>AR382</td>
<td>Projects in Painting (2x)</td>
<td>6</td>
</tr>
<tr>
<td>AR410</td>
<td>Advanced Drawing</td>
<td>3</td>
</tr>
<tr>
<td>AR420</td>
<td>Painting III</td>
<td>3</td>
</tr>
<tr>
<td>AR426</td>
<td>Digital Illustration and Image Making</td>
<td>3</td>
</tr>
</tbody>
</table>

## Graphic Design Concentration:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR180</td>
<td>Photography I</td>
<td>3</td>
</tr>
<tr>
<td>AR315</td>
<td>Visual Communication in Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>AR326</td>
<td>Digital Imaging</td>
<td>3</td>
</tr>
<tr>
<td>AR415</td>
<td>Advanced Layout and Design</td>
<td>3</td>
</tr>
<tr>
<td>AR426</td>
<td>Digital Illustration and Image Making</td>
<td>3</td>
</tr>
</tbody>
</table>
Illustration Concentration:
AR171 Introduction to Illustration 3 credits
AR180 Introduction to Photography 3 credits
AR310 Figure Drawing 3 credits
AR371 History of Illustration 3 credits
AR426 Digital Illustration and Image Making 3 credits
AR471 Thematic Illustration 3 credits

Photography Concentration:
AR180 Introduction to Photography 3 credits
AR280 Alternative Photography 3 credits
AR326 Digital Imaging 3 credits
AR380 History of Photography 3 credits
AR485 Thematic Photography 3 credits

Self-Directed Studio Concentration:
AR160 Ceramics I-Basic 3 credits
AR180 Introduction to Photography 3 credits
AR171 Introduction to Illustration 3 credits
Student chooses 3 courses in any one concentration in Art and Design.
Student may use Advanced Independent Study with instructor approval 9 credits

Studio Art/Fine Art Concentration:
AR180 Introduction to Photography 3 credits
AR235 Sculpture I - Basic 3 credits
AR280 Alternative Photography 3 credits
AR310 Figure Drawing 3 credits
AR410 Advanced Drawing 3 credits
AR420 Painting III 3 credits
Concentration Subtotal: 15-18 credits
TOTAL: 49-52 credits

ART and DESIGN MINOR
AR110 Drawing I 3 credits
AR131 Design I - 2-Dimensional Design and Color Theory 3 credits
AR180 Introduction to Photography 3 credits
ART215 Introduction to Computer Graphics 3 credits
Student chooses 3 additional Art and Design courses 9 credits

TOTAL: 21 credits

ART and DESIGN EDUCATION LICENSURE PreK-12

Core Requirements for the Art and Design Major 34 credits
AND the following courses for licensure in Art:

AR160 Ceramics I-Basic 3 credits
AR180 Photography I 3 credits
AR235 Sculpture I-Basic 3 credits
AR275 Elementary Art Methods 3 credits
AR310 Figure Drawing 3 credits
AR376 Secondary Art Methods 3 credits

TOTAL: 52 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

Note: The courses required for PreK-12 licensure in Art fill the requirements for a major in Art. There is no provisional licensure in Art.

ATHLETIC TRAINING MAJOR (BS)

The Sterling College Athletic Training Education Program (ATEP) is a high quality curriculum accredited by the Commission on Accreditation of Athletic Training Education. This bachelor’s degree is designed to prepare the student to sit for the Board of Certification examination. More information about the CAATE and the BOC can be found at: http://caate.net and http://www.bocatc.org. Upon graduation and successful completion of the BOC examination students will earn the credential of ATC, Certified Athletic Trainer.

ATEP Admission Requirements

This is a competitive program and application to this program does not guarantee admittance. Students declaring athletic training as a major upon admittance into Sterling College will be given an athletic training-conditional status. Admission into the ATEP can occur after the student has been on campus for one semester. The quota of applicants accepted into the ATEP are limited by faculty to student ratios and the highly individualized nature of this program. Admission to the ATEP is based on the following criteria:
1. Maintain a minimum 2.5 overall GPA.
2. Complete AT 242, AT 243, and AT 255 with a minimum GPA of 2.0 (C).
3. Documentation of 50 hours of direct observation of the athletic training profession.
4. Completion of the application form.
5. Letter of application stating why you want to apply to our program and why you want to become a certified athletic trainer.
6. Submit two letters of recommendation. Neither letter can come from a fellow student, friend, or family member.
7. Complete a formal interview with the ATEP Interview Committee.
8. Documentation of receiving immunization injections for Hepatitis B. If the student chooses not to be Hepatitis B immunized, the student must read, complete, and sign the form entitled "Hepatitis B Vaccine Declination Assumption of Risk and Release" prior to acceptance into the SC ATEP.
9. Present proof of current American Red Cross First Aid and CPR-PR certifications, or its equivalent.
10. A current (within one year from application) health history and physical examination.
11. Read, sign, and return the "Technical Standards for Admission into the Athletic Training Education Program" found on the Department of Exercise Science program's webpage at http://www.sterling.edu/athletics/applying-program verifying that the student meets the minimal required technical standards for admission into the program.

Transfer Students

A prospective student must declare an interest in Athletic Training as a chosen field within his or her first year of study. A student beyond his or her freshman year at Sterling (e.g., changing majors) will also be considered for the program; however, an additional year or two of study may be necessary to satisfy the educational and clinical requirements for Sterling’s ATEP program. A transfer student may apply certain athletic training courses from another university/college towards our major if the course is acceptable to the athletic training program director (e.g., course content, credit hours, and description) and meets all transfer requirements by the Registrar’s office. Transfer students meeting admission requirements may apply for acceptance into the ATEP to start their first semester at SC. Transfer students not
meeting admission requirements may take approved courses during their first semester and may apply for admission upon completion of requirements.

**Athletic Training Education Program Retention Policy**

To remain in the Athletic Training Education Program as an athletic training student, the student must achieve the following standards:

1. Earn at least a 2.0 GPA (C) or above in all required classes within the major.
2. Earn at least a 2.5 cumulative GPA (C+).
3. Be in good standing with the college (e.g., no campus probation).
4. Participate in blood borne pathogen training at the beginning of each academic year.
5. Maintain CPR-PR certification every year.
6. Show progress through clinical instruction and learning over time.
7. Perform all duties assigned to the best of one’s ability.
8. Show a professional attitude and character in all areas of athletic training, both academic and clinical.

Any questions concerning the program should be directed to:
Ryan J. “Pete” Manely, MS, ATC, LAT
Director of Athletic Training Education
Sterling College
125 W. Cooper, Sterling, KS 67579
620-278-4393
pmanely@sterling.edu

**Required courses for the Athletic Training major:**
The following list of courses must be completed for a major in Athletic Training. Students interested in the Athletic Training major must take the ATEP prerequisites (*listed in italics* = 6 credits) and apply for the program following the second semester of the student’s attendance.

**Required General Education Courses for ATEP:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI110</td>
<td>Human Anatomy and Physiology</td>
<td>5 credits</td>
</tr>
</tbody>
</table>

**Core Requirements:**

<table>
<thead>
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<th>Credits</th>
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<tr>
<td>AT200</td>
<td>Practicum I</td>
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<td>AT242</td>
<td><em>Care and Prevention of Athletic Injuries</em></td>
<td>2 credits</td>
</tr>
<tr>
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<tr>
<td>AT243</td>
<td>Care and Prevention Techniques for AT</td>
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<tr>
<td>AT250</td>
<td>Structural Anatomy</td>
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<td>AT255</td>
<td>First Aid for Athletic Trainers</td>
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<tr>
<td>AT301</td>
<td>Practicum II</td>
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<tr>
<td>AT302</td>
<td>Practicum III</td>
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<tr>
<td>AT315</td>
<td>Therapeutic Exercise</td>
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</tr>
<tr>
<td>AT330</td>
<td>General Medical Concerns</td>
<td>3 credits</td>
</tr>
<tr>
<td>AT351</td>
<td>Assessment of Upper Extremity Injuries</td>
<td>3 credits</td>
</tr>
<tr>
<td>AT351L</td>
<td>Assessment of Upper Extremity Injuries Lab</td>
<td>1 credit</td>
</tr>
<tr>
<td>AT352</td>
<td>Assessment of Lower Extremity Injuries</td>
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<tr>
<td>AT352L</td>
<td>Assessment of Lower Extremity Injuries Lab</td>
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<tr>
<td>AT403</td>
<td>Practicum IV</td>
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<tr>
<td>AT404</td>
<td>Practicum V</td>
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<tr>
<td>AT420</td>
<td>Psychosocial Intervention</td>
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<tr>
<td>AT430</td>
<td>Therapeutic Modalities</td>
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<td>AT430L</td>
<td>Therapeutic Modalities Lab</td>
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<tr>
<td>AT435</td>
<td>Administration in Athletic Training</td>
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<tr>
<td>AT440/L</td>
<td>Developing/Implementing Strength/Fitness Program</td>
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<td>AT445</td>
<td>Seminar in Athletic Training (Writing Intensive)</td>
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<tr>
<td>AT450</td>
<td>Pharmacology for the Athletic Trainer</td>
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<tr>
<td>AT495</td>
<td>Practicum VI</td>
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<tr>
<td>ES221</td>
<td>Essentials of Personal and Community Health</td>
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<tr>
<td>ES360</td>
<td>Principles of Nutrition</td>
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</tr>
<tr>
<td>ES370</td>
<td>Kinesiology</td>
<td>3 credits</td>
</tr>
<tr>
<td>ES380</td>
<td>Psychology of Sport</td>
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<tr>
<td>ES420</td>
<td>Exercise Physiology</td>
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</table>

**TOTAL: 58 credits**

**Recommended Supporting Courses for ATEP:** Strongly recommended for students interested in graduate study in areas of allied health and/or medicine.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BS125</td>
<td>General Psychology</td>
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<tr>
<td>CH151/L</td>
<td>General Chemistry I</td>
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</tr>
<tr>
<td>CH152/L</td>
<td>General Chemistry II</td>
<td>5 credits</td>
</tr>
<tr>
<td>MA150</td>
<td>Pre-Calculus</td>
<td>5 credits</td>
</tr>
<tr>
<td>PH210</td>
<td>Physics I</td>
<td>5 credits</td>
</tr>
<tr>
<td>PH211</td>
<td>Physics II</td>
<td>5 credits</td>
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</table>
BIBLICAL STUDIES MAJOR (BA)

The major in Biblical Studies seeks to provide a broad-based understanding of biblical and theological concepts. Students who desire to pursue seminary training and other graduate degrees are highly recommended to pursue this course of study. The major offers two concentrations: Old Testament or New Testament Studies. A minor in Biblical Studies is also available.

Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TM105</td>
<td>Basic Christian Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>TM202</td>
<td>Pentateuch Literature</td>
<td>3</td>
</tr>
<tr>
<td>TM230</td>
<td>New Testament Greek I</td>
<td>3</td>
</tr>
<tr>
<td>TM232</td>
<td>New Testament Greek II</td>
<td>3</td>
</tr>
<tr>
<td>TM272</td>
<td>Jesus and the Gospels</td>
<td>3</td>
</tr>
<tr>
<td>TM281</td>
<td>Church History and Missions I</td>
<td>3</td>
</tr>
<tr>
<td>TM282</td>
<td>Church History and Missions II</td>
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<tr>
<td>TM286</td>
<td>Research Methods</td>
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<td>TM348</td>
<td>Biblical Hermeneutics (Writing Intensive)</td>
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<td>TM392</td>
<td>Service Component</td>
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<td>TM471</td>
<td>Christian Apologetics</td>
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<tr>
<td>TM484</td>
<td>Contemporary Christian Thought</td>
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<tr>
<td>TM499</td>
<td>Senior Thesis (Writing Intensive)</td>
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<td>Any two additional TM courses (other than</td>
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Subtotal: 40 credits

Old Testament Studies Concentration:

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<tr>
<td>TM203</td>
<td>Biblical Hebrew I</td>
<td>3</td>
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<tr>
<td>TM204</td>
<td>Biblical Hebrew II</td>
<td>3</td>
</tr>
<tr>
<td>TM214</td>
<td>Biblical Prophecy</td>
<td>3</td>
</tr>
<tr>
<td>TM217</td>
<td>Wisdom Literature and Poetry</td>
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New Testament Studies Concentration:

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<tr>
<td>TM275</td>
<td>Johannine Literature</td>
<td>3</td>
</tr>
<tr>
<td>TM277</td>
<td>Pauline Literature</td>
<td>3</td>
</tr>
<tr>
<td>TM330</td>
<td>New Testament Greek III</td>
<td>3</td>
</tr>
<tr>
<td>TM332</td>
<td>New Testament Greek IV</td>
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</tbody>
</table>

Concentration Subtotal: 12 credits

TOTAL: 52 credits
**BIBLICAL STUDIES MINOR**

Because this minor is specifically designed for each individual, no specific course list is required. The minor consists of any six Biblical Studies courses from the core or concentrations (other than GE required courses) totaling at least 18 credits. Interested students should contact the Theology and Ministry Department's chair for the planning of the minor. No more than six (6) hours may be transferred in for this minor. The approved plan for the minor must be filed with the Registrar's office at the time of declaration.

**BIOLOGY MAJOR (BS)**

Students majoring in Biology will be prepared to enter careers or professional schools that require a strong undergraduate program in the biological sciences, including the pre-professional requirements for schools of medicine, physician's assistant, nursing, dentistry, veterinary medicine, pharmacy, and physical therapy. In addition, the Biology major combined with the Professional Education courses prepare students for licensure by the Kansas State Department of Education.

**Core Requirements:**

- BI125 Environmental Science or BI360 Ecology 4 credits
- BI170 Zoology 4 credits
- BI263 Genetics 4 credits
- BI320 Botany 4 credits
- BI350 Cell, Molecular, and Developmental Biology 4 credits
- BI498 Senior Seminar I 1 credit
- BI499 Senior Seminar II (Writing Intensive) 1 credit
- Any one biology elective 4-5 credits

Subtotal: 26-27 credits

**Chemistry Requirements:**

- CH110 Introductory General Chemistry 3 credits
- CH232 Introductory Organic Chemistry 4 credits
- CH265 Biochemistry 3 credits

or

- CH151 General Chemistry I 5 credits
- CH152 General Chemistry II 5 credits
- CH232 Introductory Organic Chemistry 4 credits
Combination of courses approved by an advisor

Subtotal: 10-14 credits

AND

MA110 College Algebra or

A department-approved course

Subtotal: 3-5 credits

PH210/211 General Physics I and II or

PH110 Physical Science

10 credits

4 credits

Subtotal: 4-10 credits

TOTAL: 43-56 credits

BIOLOGY MINOR

BI170 Zoology 4 credits
BI263 Genetics 4 credits
BI320 Botany 4 credits

One (1) additional biology course 4-5 credits

TOTAL: 16-17 credits

BIOLOGY EDUCATION LICENSURE (6-12)

Core Requirements for the Biology Major Subtotal: 43-56 credits

AND the following courses:

BI280 Human Physiology*
MA150 Pre-Calculus**
MA240 Elementary Statistics 3 credits
ED406 Methods of Teaching Natural Science 3 credits

TOTAL: 49-62 credits

*Meets elective requirement for the major.

**Meets math requirement for the major.

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.
BUSINESS ADMINISTRATION MAJOR (BS)
The Sterling College Business Department is dedicated to equipping students with the skills and knowledge necessary to succeed in a rapidly evolving global business economy. Students majoring in business will be prepared with the appropriate communication and interpersonal skills, software and technological proficiency, and analytical and problem solving abilities current employers seek. Students are also prepared to engage their workplaces with loyalty, honesty, integrity, and a strict code of Christian ethics. Students majoring in Business Administration may choose from one of the following nine concentrations: Accounting, Capitalism, Economics, Entrepreneurship, International Business, Leadership-Management, Marketing, Real Estate, or Social Entrepreneurship. Various minors in business are also available.

Core Requirements:
BU102 Strategies for Success 2 credits
BU103 Economics 3 credits
BU140 Business Communication 2 credits
BU190 Personal Finance 3 credits
BU209 Financial Accounting 3 credits
BU210 Managerial Accounting 3 credits
BU225 E-Commerce 3 credits
BU240 Business Law 3 credits
BU256 Business Writing (Writing Intensive) 2 credits
BU286 Teamwork 2 credits
BU302 Business Computing 3 credits
BU326 Marketing 3 credits
BU329 Critical Thinking and Problem Solving (Writing Intensive) 2 credits
BU338 Management Leadership 3 credits
BU362 Ethics in Business 3 credits
BU365 Organizational Behavior 3 credits
Subtotal: 43 credits

Accounting Concentration:
BU200 Macroeconomics 3 credits
BU201 Microeconomics 3 credits
BU309 Financial Accounting II 3 credits
BU311 Cost Accounting 3 credits
BU354 Accounting Information Systems 3 credits
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<tr>
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<td>Financial Accounting III</td>
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<tr>
<td>BU415</td>
<td>Auditing Principles</td>
<td>3 credits</td>
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<tr>
<td>BU417</td>
<td>Finance</td>
<td>3 credits</td>
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<tr>
<td>BU450</td>
<td>Federal Income Taxation</td>
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**Capitalism Concentration:**

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<tbody>
<tr>
<td>BU341</td>
<td>Free Enterprise and Capitalism</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU343</td>
<td>Capitalism throughout the World (Past and Present)</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU347</td>
<td>Economic Ethics</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU441</td>
<td>Capitalism and the American Way</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU447</td>
<td>Christianity and Economics</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU493</td>
<td>Internship</td>
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**Economics Concentration:**

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<tr>
<td>BU200</td>
<td>Macroeconomics</td>
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</tr>
<tr>
<td>BU201</td>
<td>Microeconomics</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU356</td>
<td>International Business</td>
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<tr>
<td>BU402</td>
<td>International Economics and Finance</td>
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</tr>
<tr>
<td>BU417</td>
<td>Finance</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU493</td>
<td>Internship</td>
<td>2-3 credits</td>
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**Entrepreneurship Concentration:**

<table>
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BU331</td>
<td>Entrepreneurship (Writing Intensive)</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU356</td>
<td>International Business</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU417</td>
<td>Finance</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU420</td>
<td>Advanced Marketing</td>
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<td>BU431</td>
<td>Entrepreneurship II</td>
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<td>BU493</td>
<td>Internship</td>
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**International Business Concentration:**

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<tr>
<td>BU343</td>
<td>Capitalism throughout the World (Past and Present)</td>
<td>3 credits</td>
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<tr>
<td>BU356</td>
<td>International Business</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU417</td>
<td>Finance</td>
<td>3 credits</td>
</tr>
<tr>
<td>BU493</td>
<td>Internship</td>
<td>2-3 credits</td>
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<tr>
<td>HG240</td>
<td>World Regional Geography</td>
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<tr>
<td>HG372</td>
<td>International Relations</td>
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Leadership-Management Concentration:

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<td>Organizational Change</td>
<td>3</td>
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<td>BU367</td>
<td>Organizational Leadership</td>
<td>3</td>
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<tr>
<td>BU417</td>
<td>Finance</td>
<td>3</td>
</tr>
<tr>
<td>BU422</td>
<td>Operations Management</td>
<td>3</td>
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<td>BU493</td>
<td>Internship</td>
<td>2-3</td>
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<tr>
<td>BU499</td>
<td>Business Policy (Writing Intensive)</td>
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Marketing Concentration:

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<td>BS115</td>
<td>Principles of Sociology</td>
<td>3</td>
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<tr>
<td>BS295</td>
<td>Behavioral Science Research Methods</td>
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<tr>
<td>BU356</td>
<td>International Business</td>
<td>3</td>
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<tr>
<td>BU420</td>
<td>Advanced Marketing</td>
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</tr>
<tr>
<td>BU428</td>
<td>Sales and Customer Service</td>
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<tr>
<td>BU493</td>
<td>Internship</td>
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Real Estate Concentration:

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<th>Course Title</th>
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<tbody>
<tr>
<td>RE320</td>
<td>Real Estate Investment/Finance</td>
<td>3</td>
</tr>
<tr>
<td>RE325</td>
<td>Real Estate Principles</td>
<td>3</td>
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<tr>
<td>RE329</td>
<td>Real Estate Appraisal</td>
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<tr>
<td>RE420</td>
<td>Real Estate Development</td>
<td>3</td>
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<td>RE425</td>
<td>Real Estate Market Analysis</td>
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Social Entrepreneurship Concentration:

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<td>BU331</td>
<td>Entrepreneurship (Writing Intensive)</td>
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<td>BU334</td>
<td>Social Entrepreneurship</td>
<td>3</td>
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<tr>
<td>BU372</td>
<td>Non-profit Development and Fundraising</td>
<td>3</td>
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<td>BU417</td>
<td>Finance</td>
<td>3</td>
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<td>BU425</td>
<td>Non-profit Management and Leadership</td>
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Concentration Subtotals: 17-27 credits

TOTAL: 60-70 credits

**BUSINESS MINORS**

Business for the Liberal Arts:

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<td>Personal Finance</td>
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<tr>
<td>BU209</td>
<td>Financial Accounting</td>
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<td>BU225</td>
<td>E-Commerce</td>
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<tr>
<td>BU326</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (Writing Intensive)</td>
<td>2</td>
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<td>BU331</td>
<td>Entrepreneurship (Writing Intensive)</td>
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<td>MA240</td>
<td>Elementary Statistics</td>
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**Capitalism:**

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<td>Economics</td>
<td>3</td>
</tr>
<tr>
<td>BU341</td>
<td>Free Enterprise and Capitalism</td>
<td>3</td>
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<td>BU343</td>
<td>Capitalism throughout the World (Past and Present)</td>
<td>3</td>
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<td>BU347</td>
<td>Economic Ethics</td>
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<td>BU441</td>
<td>Capitalism and the American Way</td>
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<td>Christianity and Economics</td>
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**Economics:**

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<td>Economics</td>
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<td>BU140</td>
<td>Business Communication</td>
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<tr>
<td>BU201</td>
<td>Microeconomics</td>
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<tr>
<td>BU362</td>
<td>Ethics in Business</td>
<td>3</td>
</tr>
<tr>
<td>BU402</td>
<td>International Economics and Finance</td>
<td>3</td>
</tr>
</tbody>
</table>

**Entrepreneurship:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU140</td>
<td>Business Communication</td>
<td>2</td>
</tr>
<tr>
<td>BU190</td>
<td>Personal Finance</td>
<td>3</td>
</tr>
<tr>
<td>BU209</td>
<td>Financial Accounting</td>
<td>3</td>
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<tr>
<td>BU210</td>
<td>Managerial Accounting</td>
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</tr>
<tr>
<td>BU326</td>
<td>Marketing</td>
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</tr>
<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (Writing Intensive)</td>
<td>2</td>
</tr>
<tr>
<td>BU331</td>
<td>Entrepreneurship (Writing Intensive)</td>
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<tr>
<td>BU362</td>
<td>Ethics in Business</td>
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**General Business:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BU102</td>
<td>Strategies for Success</td>
<td>2</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>BU103</td>
<td>Economics</td>
<td>3</td>
</tr>
<tr>
<td>BU140</td>
<td>Business Communication</td>
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<tr>
<td>BU190</td>
<td>Personal Finance</td>
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<tr>
<td>BU209</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>BU286</td>
<td>Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (\textit{Writing Intensive})</td>
<td>2</td>
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<tr>
<td>BU362</td>
<td>Ethics in Business</td>
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**International Business:**

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<td>2</td>
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<tr>
<td>BU140</td>
<td>Business Communication</td>
<td>2</td>
</tr>
<tr>
<td>BU286</td>
<td>Teamwork</td>
<td>2</td>
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<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (\textit{Writing Intensive})</td>
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</tr>
<tr>
<td>BU343</td>
<td>Capitalism throughout the World (Past and Present)</td>
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</tr>
<tr>
<td>BU356</td>
<td>International Business</td>
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<tr>
<td>BU362</td>
<td>Ethics in Business</td>
<td>3</td>
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<tr>
<td>HG372</td>
<td>International Relations</td>
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**Leadership-Management:**

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<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
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<td>Strategies for Success</td>
<td>2</td>
</tr>
<tr>
<td>BU140</td>
<td>Business Communication</td>
<td>2</td>
</tr>
<tr>
<td>BU286</td>
<td>Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (\textit{Writing Intensive})</td>
<td>2</td>
</tr>
<tr>
<td>BU338</td>
<td>Management Leadership</td>
<td>3</td>
</tr>
<tr>
<td>BU362</td>
<td>Ethics in Business</td>
<td>3</td>
</tr>
<tr>
<td>BU366</td>
<td>Organizational Change</td>
<td>3</td>
</tr>
<tr>
<td>BU367</td>
<td>Organizational Leadership</td>
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**Marketing:**

<table>
<thead>
<tr>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
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<td>BU102</td>
<td>Strategies for Success</td>
<td>2</td>
</tr>
<tr>
<td>BU140</td>
<td>Business Communication</td>
<td>2</td>
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<tr>
<td>BU286</td>
<td>Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>BU326</td>
<td>Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (\textit{Writing Intensive})</td>
<td>2</td>
</tr>
<tr>
<td>BU362</td>
<td>Ethics in Business</td>
<td>3</td>
</tr>
<tr>
<td>BU420</td>
<td>Advanced Marketing</td>
<td>3</td>
</tr>
<tr>
<td>BU428</td>
<td>Sales and Customer Service</td>
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</table>
### Real Estate:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU102</td>
<td>Strategies for Success</td>
<td>2</td>
</tr>
<tr>
<td>BU140</td>
<td>Business Communication</td>
<td>2</td>
</tr>
<tr>
<td>BU286</td>
<td>Teamwork</td>
<td>2</td>
</tr>
<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (Writing Intensive)</td>
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<tr>
<td>BU362</td>
<td>Ethics in Business</td>
<td>3</td>
</tr>
<tr>
<td>RE320</td>
<td>Real Estate Investment/Finance</td>
<td>3</td>
</tr>
<tr>
<td>RE325</td>
<td>Real Estate Principles</td>
<td>3</td>
</tr>
<tr>
<td>RE329</td>
<td>Real Estate Appraisal</td>
<td>3</td>
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</tbody>
</table>

**TOTAL: 20-23 credits**

### Social Entrepreneurship:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU140</td>
<td>Business Communication</td>
<td>2</td>
</tr>
<tr>
<td>BU272</td>
<td>Financial Management for Social Entrepreneurs</td>
<td>3</td>
</tr>
<tr>
<td>BU329</td>
<td>Critical Thinking and Problem Solving (Writing Intensive)</td>
<td>2</td>
</tr>
<tr>
<td>BU334</td>
<td>Social Entrepreneurship</td>
<td>3</td>
</tr>
<tr>
<td>BU362</td>
<td>Ethics in Business</td>
<td>3</td>
</tr>
<tr>
<td>BU372</td>
<td>Non-profit Development and Fundraising</td>
<td>3</td>
</tr>
<tr>
<td>BU425</td>
<td>Non-Profit Management and Leadership</td>
<td>3</td>
</tr>
<tr>
<td>BU498</td>
<td>Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL: 20-23 credits**

### CHEMISTRY MAJOR (BS)

Graduates in chemistry are prepared to find satisfying opportunities in laboratory bench work, in graduate studies including chemistry and pharmacy, and in various health-related professions, as well as preparation for medical school. The Chemistry Major also prepares students seeking Education Licensure for 6-12. A minor in Chemistry is also available.

### Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH151</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CH152</td>
<td>General Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>CH255</td>
<td>Quantitative Analysis</td>
<td>5</td>
</tr>
<tr>
<td>CH261</td>
<td>Organic Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CH262</td>
<td>Organic Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>CH265</td>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CH380</td>
<td>Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Name</td>
<td>Credits</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>CH498</td>
<td>Senior Seminar I</td>
<td>1 credit</td>
</tr>
<tr>
<td>CH499</td>
<td>Senior Seminar II (Writing Intensive)</td>
<td>1 credit</td>
</tr>
<tr>
<td>MA200</td>
<td>Calculus I</td>
<td>5 credits</td>
</tr>
<tr>
<td>MA210</td>
<td>Calculus II</td>
<td>5 credits</td>
</tr>
<tr>
<td>PH210</td>
<td>Physics I</td>
<td>5 credits</td>
</tr>
<tr>
<td>PH211</td>
<td>Physics II</td>
<td>5 credits</td>
</tr>
<tr>
<td>PH220</td>
<td>Applications of Calculus to Physics I</td>
<td>1 credit</td>
</tr>
<tr>
<td>PH221</td>
<td>Applications of Calculus to Physics II</td>
<td>1 credit</td>
</tr>
<tr>
<td></td>
<td><strong>TOTAL</strong></td>
<td><strong>55 credits</strong></td>
</tr>
</tbody>
</table>

**Note:** All students majoring in chemistry are required to complete at least two servant-leadership projects approved by the Chemistry Department as a requirement for their degree.

**Note:** Pre-medical students should complete CH261 and CH262 by the end of their junior year.

### CHEMISTRY MINOR

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH151</td>
<td>General Chemistry I</td>
<td>5 credits</td>
</tr>
<tr>
<td>CH152</td>
<td>General Chemistry II</td>
<td>5 credits</td>
</tr>
</tbody>
</table>

Three courses above 200 (including either CH232 or both CH261 and CH262) 12 - 15 credits

**TOTAL:** **22 - 25 credits**

### CHEMISTRY EDUCATION LICENSURE (6-12)

**Core Requirements for the Chemistry Major** 55 credits

**AND** the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA240</td>
<td>Elementary Statistics</td>
<td>3 credits</td>
</tr>
<tr>
<td>ED406</td>
<td>Methods/Teaching Natural Science</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

**TOTAL:** **61 credits**

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

### CHRISTIAN MINISTRIES MAJOR (BA)

The Christian Ministries major at Sterling College challenges students practically as well as intellectually. The CM major is not only an exercise in academic rigor, it also explores our living faith in Jesus Christ and provides students with opportunities to

82
serve. Four areas of concentration are available to the Christian Ministries major: Missions (or Intercultural Studies), Urban Ministry, Worship Leadership, and Youth. Students exiting this program will be prepared to assume leadership roles in churches, Christian schools, worship ministry, youth ministry, camps, para-church ministries, missions, missionary organizations, and Christian publishing companies, as well as pursue various avenues of graduate study. Various minors in Christian Ministries are also available.

**Core Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM105</td>
<td>Basic Christian Philosophy</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM245</td>
<td>Homiletics</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM247</td>
<td>Instructional Bible Study</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM282</td>
<td>Church History and Missions II</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM286</td>
<td>Research Methods</td>
<td>1 credit</td>
</tr>
<tr>
<td>TM360</td>
<td>Internship in Christian Ministries</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM392</td>
<td>Service Component</td>
<td>1 credit</td>
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<tr>
<td>TM439</td>
<td>Christian Ethics (Writing Intensive)</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM466</td>
<td>Senior Project: Curriculum Design</td>
<td>2 credits</td>
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Choose one of the following OT courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TM202</td>
<td>Pentateuch Literature</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM214</td>
<td>Biblical Prophecy</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM217</td>
<td>Wisdom Literature and Poetry</td>
<td>3 credits</td>
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</table>

Choose one of the following NT courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM272</td>
<td>Jesus and the Gospels</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM275</td>
<td>Johannine Literature</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM277</td>
<td>Pauline Literature</td>
<td>3 credits</td>
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Choose one of the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM253</td>
<td>Spirituality and Prayer</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM254</td>
<td>Spiritual Formation</td>
<td>3 credits</td>
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</table>

Subtotal: 31 credits

**Missions (or Intercultural Studies) Concentration:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM107</td>
<td>Training for Cross-Cultural Ministry</td>
<td>1 credit</td>
</tr>
<tr>
<td>TM108</td>
<td>Cross-Cultural Ministry Reflection</td>
<td>2 credits</td>
</tr>
<tr>
<td>TM261</td>
<td>Case Studies and Sources in Missiology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>
TM262  World Religions  3 credits
TM279  Leadership and Administration  3 credits
TM284  Introduction to Missions  3 credits
TM327  Doctrine of the Holy Spirit  3 credits

**Urban Ministry Concentration:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM107</td>
<td>Training for Cross-Cultural Ministry</td>
<td>1</td>
</tr>
<tr>
<td>TM108</td>
<td>Cross-Cultural Ministry Reflection</td>
<td>2</td>
</tr>
<tr>
<td>TM209</td>
<td>Urban Entry</td>
<td>3</td>
</tr>
<tr>
<td>TM252</td>
<td>Urban Leadership</td>
<td>3</td>
</tr>
<tr>
<td>TM322</td>
<td>Urban Ministry</td>
<td>3</td>
</tr>
<tr>
<td>TM340</td>
<td>Gender and Ethnic Issues in Ministry</td>
<td>3</td>
</tr>
<tr>
<td>TM358</td>
<td>Global Urbanization</td>
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</table>

**Worship Leadership Concentration:**

<table>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MU111</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MU112</td>
<td>Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MU___</td>
<td>Private lessons or classes for 3 semesters</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>(at least 1 Instrumental and 1 Vocal)</td>
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<tr>
<td>MU440</td>
<td>Worship Arts</td>
<td>3</td>
</tr>
<tr>
<td>TM260</td>
<td>Contemporary Trends in Worship</td>
<td>3</td>
</tr>
<tr>
<td>TM328</td>
<td>Biblical Theology of Worship</td>
<td>3</td>
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**Youth Concentration:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM279</td>
<td>Leadership and Administration</td>
<td>3</td>
</tr>
<tr>
<td>TM321</td>
<td>Adolescent Culture and the Gospel</td>
<td>3</td>
</tr>
<tr>
<td>TM340</td>
<td>Gender and Ethnic Issues in Ministry</td>
<td>3</td>
</tr>
<tr>
<td>TM357</td>
<td>Introduction to Youth and Family Ministry</td>
<td>3</td>
</tr>
<tr>
<td>TM359</td>
<td>Theological Issues in Youth Ministry</td>
<td>3</td>
</tr>
<tr>
<td>TM370</td>
<td>Spiritual and Pastoral Formation of Youth</td>
<td>3</td>
</tr>
</tbody>
</table>

**Concentration Subtotals:** 18 credits

**TOTAL:** 49 credits

**CHRISTIAN MINISTRIES GENERAL MINOR**

Because this minor is specifically designed for each individual, only one specific course is required of all students: **TM439 Christian Ethics**. The minor consists of any five other courses from the CM Core or Concentration listings, apart from the
GE courses, and with Christian Ethics totals at least 18 hours. Interested students should contact the department’s chair for the planning of the minor. No more than six credit hours may be transferred in for this minor. The approved plan for the minor must be filed with the Registrar’s office at the time of declaration.

CHRISTIAN MINISTRIES FOCUSED MINORS

Students may choose to do a Christian Ministries minor in any one of the following four areas: Missions (or Intercultural Studies), Urban Ministry, Worship, and Youth. The minor will consist of TM439 Christian Ethics and any five of the six courses available in each concentration for a total of 18 credits.

Missions (or Intercultural Studies): (Combine to total 15 credits)

- TM107 Training for Cross-Cultural Ministry 6
  - and 1 credit
- TM108 Cross-Cultural Ministry Reflection 2 credits
- TM261 Case Studies and Sources in Missiology 3 credits
- TM262 World Religions 3 credits
- TM279 Leadership and Administration 3 credits
- TM284 Introduction to Missions 3 credits
- TM327 Doctrine of the Holy Spirit 3 credits

Urban Ministry: (Combine to total 15 credits)

- TM107 Training for Cross-Cultural Ministry and 1 credit
- TM108 Cross-Cultural Ministry Reflection 2 credits
- TM209 Urban Entry 3 credits
- TM252 Urban Leadership 3 credits
- TM322 Urban Ministry 3 credits
- TM340 Gender and Ethnic Issues in Ministry 3 credits
- TM358 Global Urbanization 3 credits

Worship: (Choose any 5)

- MU111 Music Theory I 3 credits
- MU112 Music Theory II 3 credits
- MU___ Private lessons or classes for 3 semesters (at least 1 Instrumental and 1 Vocal) 3 credits
- TM260 Contemporary Trends in Worship 3 credits
- TM328 Biblical Theology of Worship 3 credits
MU440 Worship Arts 3 credits

Youth: (Choose any 5)
- TM279 Leadership and Administration 3 credits
- TM321 Adolescent Culture and the Gospel 3 credits
- TM340 Gender and Ethnic Issues in Ministry 3 credits
- TM357 Introduction to Youth and Family Ministry 3 credits
- TM359 Theological Issues in Youth Ministry 3 credits
- TM370 Spiritual and Pastoral Formation of Youth 3 credits

TOTAL: 18 credits

FAMILY STUDIES MINOR

Family Studies is designed to provide students with information about the family as a central unit in society. This information will be useful to students as they plan and develop their own nuclear family units and/or as they prepare to work in family services as volunteers or professionals.

Courses cover the following topics: the nuclear family, changes in the family, intra-family relationships, problems in the family, and Christian family values. Courses will present current data and trends about the family, applications of relevant principles, theories about the family in society, and research interpretation skills.

This program is supported by an endowed professorship that was established through the generosity of Margaret A. Newcomb in honor of her parents and family whose lives were motivated by their love of God, love of family, and love of the arts and of learning. Christian Ministry majors wishing to earn a minor in this discipline must consult the department’s chair.

Core Requirements:
- BS225 Developmental Psychology 3 credits
- TM357 Introduction to Youth and Family Ministry 3 credits

Subtotal: 6 credits

Electives: (Choose any four courses)
- BU201 Microeconomics 3 credits
- CM263 Interpersonal Communication 3 credits
- TM321 Adolescent Culture and the Gospel 3 credits
- TM340 Gender and Ethnic Issues in Ministry 3 credits
- TM370 Spiritual and Pastoral Formation of Youth 3 credits
COMMUNICATION and MEDIA ARTS MAJOR (BA)

The Communication and Media Arts Major offers five concentrations: Cinema Production, Communication Arts, Journalism, Multimedia Production, and Public Relations. The concentrations explore a range of communication and media topics including theory, principles, and practices in mass media and speech communication. The major prepares students seeking careers in broadcasting and journalism, public relations, filmmaking, personnel, advertising, marketing, education, law, and ministry. Three Best Semester alternatives are also available to students majoring in Communication and Media Arts: The Los Angeles Film Studies Center program for students in the Cinema Production concentration; the Contemporary Music Center in Nashville for those in the Multimedia Production concentration; and the Washington Journalism Center in Washington D.C. for students in the Journalism concentration. Students must apply and be accepted to the Best Semester programs. Contact an advisor for details. A minor in Communication, Media, and Theatre Arts is also available. The major also prepares students seeking licensure in Speech and Theatre Education.

Core Requirements:

- CM101 Public Speaking 3 credits
- CM105 Introduction to Film Studies 3 credits
- CM150 Forensics/Debate Laboratory, or
- CM153S Media Service Laboratory* Total of 4 credits
- CM207 Mass Media, Self, and Society 3 credits
- CM209 Mass Media Writing or
- CM309 Script Writing 3 credits
- CM247 Introduction to Cinema Production 3 credits
- CM344 Theories of Human Communication (Writing Intensive) 3 credits
- CM485 Practicum or
- CM490 Senior Project 3 credits
- CM495 Senior Seminar 1 credit
- TA105 Introduction to Theatre 3 credits

Subtotal: 29 credits
*Students must choose from the following Service Labs: Video, Radio, Public Relations, or Journalism.

**Cinema Production: Required**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR131</td>
<td>Design I</td>
<td>3</td>
</tr>
<tr>
<td>AR215</td>
<td>Introduction to Computer Graphics</td>
<td>3</td>
</tr>
<tr>
<td>CM209</td>
<td>Mass Media Writing or</td>
<td>3</td>
</tr>
<tr>
<td>CM309</td>
<td>Script Writing</td>
<td>3</td>
</tr>
<tr>
<td>CM257</td>
<td>Audio Production</td>
<td>3</td>
</tr>
<tr>
<td>CM347</td>
<td>Editing and Post Production</td>
<td>3</td>
</tr>
<tr>
<td>CM350</td>
<td>Multiple Camera Live Production or</td>
<td>3</td>
</tr>
<tr>
<td>CM447</td>
<td>Producing and Directing Cinema</td>
<td>3</td>
</tr>
<tr>
<td>CM443</td>
<td>Media Law and Ethics</td>
<td>3</td>
</tr>
<tr>
<td>CM356</td>
<td>Web Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 24 credits

Note: Students in the Cinema Production concentration must take both CM209 and CM309 to fulfill both the core and concentration requirements.

**Cinema Production: Electives (Choose any two)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR180</td>
<td>Photography I</td>
<td>3</td>
</tr>
<tr>
<td>AR280</td>
<td>Photography II</td>
<td>3</td>
</tr>
<tr>
<td>AR315</td>
<td>Visual Communication in Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>AR415</td>
<td>Advanced Layout and Design</td>
<td>3</td>
</tr>
<tr>
<td>CM263</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td>CM319</td>
<td>Broadcast News</td>
<td>3</td>
</tr>
<tr>
<td>CM336</td>
<td>Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>CM365</td>
<td>Gendered /Intercultural Communication</td>
<td>3</td>
</tr>
<tr>
<td>TA200</td>
<td>Stagecraft, Scene Design, and Lighting</td>
<td>3</td>
</tr>
<tr>
<td>TA370</td>
<td>Play Directing</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 6 credits

**TOTAL: 59 credits**

**Best Semester Alternative—Los Angeles Film Studies Center:**

This program replaces the following courses for a total of 14 credits counted towards the Communication and Media Arts major. The additional 2 credits taken in the LAFSC program are counted as general electives outside the major.

**Note:** Tuition, fees, and financial aid may vary for students participating in these programs.
CM153 Lab (2 credits)
CM443 Media Law and Ethics (3 credits)
CM485 Practicum (3 credits)

Los Angeles Film Studies Courses:
FSC305 Hollywood Production Workshop 4 credits
FSC332 Faith and Artistic Development in Film 3 credits
FSC492 Internship 6 credits

Electives: Choose one of the following
FSC312 Screen Writing 3 credits
FSC327 Narrative Storytelling 3 credits
FSC340 Professional Acting for Camera 3 credits
FSC360 Independent Study 3 credits

TOTAL FASC: 16 credits

Communication Arts Concentration: Required
CM209 Mass Media Writing (taken as part of the major core) 3 credits
CM263 Interpersonal Communication 3 credits
CM340 Argumentation and Debate 3 credits
TA125 Acting 3 credits
TA130 Oral Interpretation 3 credits

Subtotal : 12 credits

Communication Arts: Electives (Choose any 5)
BS196 Statistics for the Behavioral Sciences 3 credits
CM289 Topics in Communication 3 credits
CM345 Rhetorical Criticism (Writing Intensive) 3 credits
CM365 Gendered/Intercultural Communication 3 credits
CM366 Organizational Communication 3 credits
CM443 Media Law and Ethics 3 credits
CM347 Editing and Post Production 3 credits

Subtotal: 15 credits

TOTAL: 56 credits

Journalism Concentration: Required
CM257 Audio Production or
CM347 Editing and Post Production 3 credits
CM311 Print Journalism 3 credits
CM319 Broadcast News 3 credits
CM340  Argumentation and Debate  3 credits
CM350  Multiple Camera Live Production  3 credits
CM443  Media Law and Ethics  3 credits
LL243  English Grammar  3 credits
LL315  Advanced Composition (Writing Intensive)  3 credits

Subtotal: 24 credits

Journalism: Electives (Choose any two)
AR215  Introduction to Computer Graphics  3 credits
CM257  Audio Production  3 credits
CM263  Interpersonal Communication  3 credits
CM336  Principles of Public Relations  3 credits
CM345  Rhetorical Criticism (Writing Intensive)  3 credits
CM347  Editing and Post Production  3 credits
CM356  Web Design  3 credits
CM365  Gendered/Intercultural Communication  3 credits
CM447  Producing and Directing Cinema  3 credits

Subtotal: 6 credits
TOTAL: 59 credits

Best Semester Alternative—Washington Journalism Center:
This program replaces the following courses for a total of 14 credits counted towards the Communication and Media Arts major. The additional 2 credits taken in the WJC program are counted as general electives outside the major.

Note: Tuition, fees, and financial aid may vary for students participating in these programs.

CM153 Lab (2 credit)  CM485 Practicum (3 credits)
CM443 Media Law and Ethics  Multimedia Production electives
(3 credits)  (6 credits)

Washington Journalism Center Courses:
WJC300  Foundations of Media Involvement  4 credits
WJCxxx  Reporting in Washington  3 credits
WJC400  Washington News and Public Disclosure  3 credits
WJCxxx  Internship  6 credits

TOTAL WJC: 16 credits
Multimedia Production Concentration: Required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR131</td>
<td>Design I</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR215</td>
<td>Introduction to Computer Graphics</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR315</td>
<td>Visual Communication in Graphic Design</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM257</td>
<td>Audio Production</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM347</td>
<td>Editing and Post Production</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM350</td>
<td>Multiple Camera Live Production or</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM356</td>
<td>Web Design</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM447</td>
<td>Producing and Directing Cinema</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Subtotal: 24 credits

Multimedia Production: Electives (Choose any two)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AR151</td>
<td>Design II</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR180</td>
<td>Photography I</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR280</td>
<td>Photography II</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR415</td>
<td>Advanced Layout and Design</td>
<td>3 credits</td>
</tr>
<tr>
<td>AR426</td>
<td>Digital Illustration and Image Making</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM319</td>
<td>Broadcast News</td>
<td>3 credits</td>
</tr>
<tr>
<td>CM336</td>
<td>Principles of Public Relations</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Subtotal: 6 credits

TOTAL: 59 credits

Best Semester Alternative—Contemporary Music Center, Nashville:

This program replaces the following courses for a total of 14 credits counted towards the Communication and Media Arts major. The additional 2 credits taken in the CMC program are counted as general electives outside the major.

Note: Tuition, fees, and financial aid may vary for students participating in these programs.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM153</td>
<td>Lab (2 credits)</td>
<td></td>
</tr>
<tr>
<td>CM443</td>
<td>Media Law and Ethics (3 credits)</td>
<td></td>
</tr>
<tr>
<td>CM485</td>
<td>Practicum (3 credits)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Multimedia Production electives (6 credits)</td>
<td></td>
</tr>
</tbody>
</table>

Contemporary Music Center Courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMC300</td>
<td>Faith, Music, and Culture</td>
<td>3 credits</td>
</tr>
<tr>
<td>CMC301</td>
<td>Inside the Music Industry</td>
<td>3 credits</td>
</tr>
<tr>
<td>CMC393</td>
<td>Practicum</td>
<td>1 credit</td>
</tr>
<tr>
<td>CMC400</td>
<td>Advanced Studio Recording</td>
<td>3 credits</td>
</tr>
</tbody>
</table>
CMC407  Audio Engineering  
CM408  Concert Production  

**TOTAL CMC: 16 credits**

**Public Relations Concentration: Required**

- AR131  Design I  
- AR215  Introduction to Computer Graphics  
- BU326  Marketing  
- CM311  Print Journalism  
- CM319  Broadcast News  
- CM336  Principles of Public Relations  
- CM356  Web Design  
- CM366  Organizational Communication  
- CM443  Media Law and Ethics

Subtotal: 24 credits

**Public Relations: Electives (Choose any two)**

- AR315  Visual Communication in Graphic Design  
- BS242  Industrial/Organizational Psychology  
- CM263  Interpersonal Communication  
- CM311  Print Journalism  
- CM319  Broadcast News  
- CM340  Argumentation and Debate  
- CM347  Editing and Post Production  
- CM350  Multiple Camera Live Production  
- CM365  Gendered/Intercultural Communication  
- CM447  Producing and Directing Cinema  
- ES315  Sport Public Relations

Subtotal: 6 credits

**TOTAL: 59 credits**

**COMMUNICATION, MEDIA, AND THEATRE ARTS MINOR**

**Core Requirements:**

- CM101  Public Speaking  
- CM207  Mass Media, Self, and Society  
- CM150  Forensics/Debate Laboratory  
- CM153S  Mass Media Service Laboratory  
- TA105  Introduction to Theatre

- 3 credits
- 3 credits
- 1 credit
- 1 credit
- 3 credits
TA155S  Theatre Service Laboratory 1 credit

Additional courses** 9 credits

**Students must choose nine credits from CM or TA and/or related cognate courses numbered 200 or above as approved by the department.

TOTAL: 21 credits

SPEECH AND THEATRE EDUCATION LICENSURE (6-12)
Core Requirements for Communication and Media Arts Major 29 credits

Communication Arts Concentration required courses 12 credits

AND the following courses:
CM355  Topics: Contemporary Issues in Coaching Debate And Forensics or
LL473  Introduction to Shakespeare 3 credits
ED416  Methods for Teaching Speech/Theatre 3 credits
TA155CS  Theatre Lab-Costuming/Makeup 1 credit
TA200  Stagecraft I 3 credits
TA351  Theatre History I (Writing Intensive) 3 credits
TA352  Theatre History II (Writing Intensive) 3 credits
TA370  Play Directing 3 credits

TOTAL: 60 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required

EDUCATION LICENSURE
The Sterling Teacher Education Program (STEP)
The Sterling Teacher Education Program (STEP) offers a professional studies curriculum for students seeking education licensure to teach K-6, 6-12, and PreK-12 within major subject areas. Endorsements in Adaptive Special Education for K-6 and 6-12 levels are also offered (see page 95). All students seeking teaching licensure must first declare their intentions by completing the Declaration of Candidacy packet. The Declaration of Candidacy submission date determines program requirements for the candidate.
Acceptance to STEP
Candidates must complete the following requirements to be accepted to STEP:

1. **Declare Candidacy**
   - Complete the packet—available from STEP's Administrative Assistant

2. **Demonstrate Pre-Professional Skills**
   - Option 1: PPST Test (minimum scores: Writing 172, Reading 173, Math 172)
   - Option 2: ACT Test (minimum scores: English 19, Reading 20, Math 18)

3. **Complete Level Ia Professional Coursework (see below)**
4. **Maintain a GPA of 2.5 or higher in 24 hours of college credit**

STEP Program Retention Policy
To remain in the Sterling Teacher Education Program (STEP) as an education candidate, a candidate must achieve the following standards:

1. Maintain a 2.5 minimum overall GPA.
2. Maintain a 2.75 minimum GPA in both major and professional coursework.
3. Show progress through field work and learning over time.
4. Perform all duties assigned to the best of one's ability.
5. Show a professional attitude and character in all areas of education, both academic and clinical.
6. Display appropriate IDEAL Attributes as evaluated by both professors and public school teachers.

Should a candidate, in the opinion of Teacher Education Committee (TEC), fail to achieve these standards, an official letter from STEP will be sent, indicating dismissal from the program. Dismissal from the program means a candidate will not:

1. enroll in further education classes,
2. participate in future field work or clinical practices,
3. be a program completer eligible for licensure.

Should the candidate wish to appeal a dismissal decision, he or she may follow the stated appeal process.

Any questions concerning the program should be directed to:

Terri Gaeddert, Director of Teacher Education
Sterling College
125 W. Cooper
PROFESSIONAL STUDIES K-6, 6-12, and PreK-12 LICENSURE PROGRAM

Professional Education Courses Required for Teacher Licensure

Level Ia: Introductory Courses (Required for acceptance to STEP)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED195</td>
<td>Introduction to Education</td>
<td>2</td>
</tr>
<tr>
<td>ED201</td>
<td>Field Experience in Education (w/30 field hours)</td>
<td>2</td>
</tr>
<tr>
<td>ED206</td>
<td>Classroom Management</td>
<td>2</td>
</tr>
<tr>
<td>SE210</td>
<td>Introduction to Infants, Children and Youth</td>
<td></td>
</tr>
<tr>
<td></td>
<td>With Special Needs (w/20 field hours)</td>
<td>3</td>
</tr>
</tbody>
</table>

Level Ib: Foundational Methods Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED205</td>
<td>Cultural Diversity in Education (w/lab hours)</td>
<td>2</td>
</tr>
<tr>
<td>ED219</td>
<td>Instruction and Assessment</td>
<td>4</td>
</tr>
<tr>
<td>ED272</td>
<td>Educational Psychology (w/15 field hours)</td>
<td>3</td>
</tr>
<tr>
<td>ED356</td>
<td>Technology in the Classroom</td>
<td>2</td>
</tr>
</tbody>
</table>

Level II: Content Methods Courses

Prerequisites: Acceptance to STEP, 2.5 Cumulative GPA, 2.75 GPA in professional education coursework, 2.75 GPA in the major.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED357</td>
<td>Reading and Writing in the Content Area (w/10 hours)</td>
<td>3</td>
</tr>
<tr>
<td>ED406-ED467</td>
<td>Secondary Content Methods*</td>
<td></td>
</tr>
<tr>
<td>ED400</td>
<td>KPTP Field Experience Lab (w/15 field hours)</td>
<td>1</td>
</tr>
<tr>
<td>ED490</td>
<td>Seminar in Education (Writing Intensive)</td>
<td>1</td>
</tr>
</tbody>
</table>

Level III: Clinical Teaching Courses

Prerequisites: Overall GPA of 2.5, successful completion of Clinical Teaching Interview, completion of all professional education courses with a grade of C or higher and GPA of 2.75, completion of all major coursework with GPA of 2.75.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED497</td>
<td>Kansas Performance Teaching Portfolio</td>
<td>3</td>
</tr>
<tr>
<td>ED498</td>
<td>Clinical Teaching Experience (full semester in field)</td>
<td>12</td>
</tr>
</tbody>
</table>

TOTAL: 40 credits
A teaching methods course in the student's licensure area is required for PreK-12 and 6-12 licensure. Methods courses for Natural Sciences, English, Speech and Theatre, Social Science, and Mathematics (ED prefix) are taught through the Associated Colleges of Central Kansas (ACCK). The ACCK academic calendar can be accessed via the following link: https://www.acck.edu/ICS/ACCK_academic_calendar.jnz. Teaching methods courses in Art, Music, and Exercise Science are taken through the department and are listed with the major. All methods course credits are listed and counted with each major's licensure requirements.

Students enrolled in any Professional Education courses will be assessed a $20 materials fee.

SECONDARY EDUCATION 6-12 AND PreK-12 LICENSURE PROGRAM

Sterling College provides content majors for students who are seeking secondary education licensure to teach 6-12 and PreK-12.

Students are responsible for checking with a departmental advisor and an education advisor and consulting the appropriate major area in this Catalog to determine whether graduation and licensure requirements have been met.

See the individual major subject areas for licensure in the following:

(Italic indicates State of Kansas titles.)

PreK - 12

Art
Exercise Science/ Health and Physical Education
Music

6 - 12

Biology
Chemistry
Communication and Media Arts/Speech and Theatre
Language and Literature/English/Language Arts
Mathematics
History and Government
Theatre Arts/Speech and Theatre
ADAPTIVE SPECIAL EDUCATION MINOR (6-12)

An endorsement in Adaptive Special Education is available through the Associated Colleges of Central Kansas (ACCK). The ACCK academic calendar can be accessed via the following link: https://www.acck.edu/ICS/ACCK_academic_calendar.jnz. The Special Education programs are undergraduate programs built upon a bachelor’s degree and licensure in education at the elementary or secondary level. Graduates with secondary licensure 6-12 or preK-12 may complete the program in Adaptive Special Education, which allows endorsement to teach youths in the mild to moderate range which might include students identified with intellectual disabilities, behavior disorders, and learning disabilities in grades 6-12.

Students working toward a first special education endorsement will complete the clinical experience. Traditional students will complete the clinical experience in Fall or Spring. Those holding a current teaching license may complete the clinical experience in Fall, Spring, or Summer (with instructor consent). Students completing a second special education endorsement will complete the Internship in Fall, Spring, or Summer. (Summer placements depend on availability of sites and instructor consent.) Advance applications are required for the clinical experience and internship. Placements must correspond with school schedules and hours.

Courses required for all levels:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE310</td>
<td>Foundations for Special Education Services</td>
<td>4</td>
</tr>
<tr>
<td>SE315</td>
<td>General Methods for Special Education Services</td>
<td>4</td>
</tr>
<tr>
<td>SE345</td>
<td>Behavior Management</td>
<td>2</td>
</tr>
<tr>
<td>SE499</td>
<td>Capstone Issues</td>
<td>1</td>
</tr>
</tbody>
</table>

Subtotal: 11 credits

Courses required for Level 6-12:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE361</td>
<td>Grades 6-12 Methods for Special Needs</td>
<td>4</td>
</tr>
<tr>
<td>SE371</td>
<td>Grades 6-12 Field Experience</td>
<td>1</td>
</tr>
<tr>
<td>SE471</td>
<td>Grades 6-12 Clinical Experience or</td>
<td>5</td>
</tr>
<tr>
<td>SE473</td>
<td>Grades 6-12 Internship</td>
<td>5</td>
</tr>
</tbody>
</table>

Total required for Level 6-12: 21 credits

Optional courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE220</td>
<td>Field Experience in Services for Students with Special Needs</td>
<td>1</td>
</tr>
<tr>
<td>SE320</td>
<td>Beginning American Sign Language</td>
<td>2</td>
</tr>
<tr>
<td>SE322</td>
<td>Intermediate American Sign Language</td>
<td>2</td>
</tr>
<tr>
<td>SE381</td>
<td>Grades K-12 Functional Resources</td>
<td>4</td>
</tr>
</tbody>
</table>
In addition, the student must complete the requirements for General Education, the Major, and Professional Education.

**ELEMENTARY EDUCATION MAJOR (BS)**

A major in Elementary Education is offered through the Sterling Teacher Education Department (STEP). The Elementary Education major, along with the Professional Education courses, prepares candidates for K-6 licensure. The K-6 licensure allows graduates in Elementary Education to teach in a kindergarten through sixth grade self-contained elementary classroom.

*Students enrolled in any Professional Education courses will be assessed a $20 materials fee.*

**Required General Education Courses:**

- BS115 Principles of Sociology 3 credits
- HI101 History of World Civilization I or HI211/212 U.S. History I or II 3 credits
- PH110/L Physical Science w/Lab or any physical science course w/lab 4 credits

**Core Requirements: (must be completed with a C or higher)**

- AR275 Elementary Art Methods 3 credits
- BI101/L Principles of Biology w/Lab or BI125/L Environmental Science w/Lab or BI170/L Zoology w/Lab 4 credits
- EL151 Fundamentals of Teaching Reading 3 credits
- EL153 Language Arts for Elementary Teachers 2 credits
- EL256 Child and Adolescent Literature 3 credits
- EL330 Methods of Teaching Elementary Math I 3 credits
- EL333* Methods of Teaching Elementary Science 2 credits
- EL335* Methods of Teaching Elementary Social Science 2 credits
- EL337* Methods of Teaching Elementary Math II 3 credits
- EL350 Reading Testing and Diagnosis 3 credits
Methods of Teaching Elementary Reading and Language Arts (Writing Intensive) 4 credits
ES344 Curriculum and Methods of Teaching PE Elementary (K-6) 3 credits
HG240 World and Regional Geography 3 credits
MU243A Elementary Music Methods 2 credits
*Offered as a block only TOTAL: 40 credits

Adaptive Special Education Minor (K-6)

An endorsement in Adaptive Special Education is available through the Associated Colleges of Central Kansas (ACCK). The ACCK academic calendar can be accessed via the following link: https://www.acck.edu/ICS/ACCK_academic_calendar.jnz.

Graduates with an Elementary Education licensure and an Adaptive Special Education endorsement may be licensed to teach children in the mild to moderate range which might include students identified with intellectual disabilities, behavior disorders, and learning disabilities in grades K-6. Elementary Education majors with Adaptive Special Education K-6 licensure may also be approved for Secondary Adaptive Special Education by meeting additional requirements.

Courses required for all levels:
SE310 Foundations for Special Education Services 4 credits
SE315 General Methods for Special Education Services 4 credits
SE345 Behavior Management 2 credits
SE499 Capstone Issues 1 credit
Subtotal: 11 credits

Courses required for Level K-6:
SE321 Grades K-6 Methods for Special Needs 4 credits
SE331 Grades K-6 Field Experience 1 credit
SE431 Grades K-6 Clinical Experience or 5 credits
SE433 Grades K-6 Internship 5 credits

Total required for Level K-6: 21 credits

Optional courses:
SE220 Field Experience in Services for Students with Special Needs 1 credit
SE320 Beginning American Sign Language 2 credits
SE322 Intermediate American Sign Language 2 credits
SE381 Grades K-12 Functional Resources 4 credits
In addition, the student must complete the requirements for General Education, the Major, and Professional Education.

**ENGLISH MAJOR (BA)**

The English major helps prepare students for careers in business, education, and public service, and for graduate study in fields such as ministry, law, business, government, public relations, and journalism, as well as advanced academic study in English. The Department of Language and Literature also cooperates in preparing students seeking Educational Licensure in English.

**Core Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL151</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>LL212</td>
<td>Creative Writing or</td>
<td></td>
</tr>
<tr>
<td>LL315</td>
<td>Advanced Composition (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL243</td>
<td>English Grammar</td>
<td>3</td>
</tr>
<tr>
<td>LL344</td>
<td>Language Studies</td>
<td>3</td>
</tr>
<tr>
<td>LL380</td>
<td>Literary Criticism</td>
<td>3</td>
</tr>
<tr>
<td>LL473</td>
<td>Introduction to Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>LL498/499</td>
<td>Senior Seminar (Writing Intensive)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal:** 21 credits

**Choose any four of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL166</td>
<td>American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>LL251</td>
<td>World Literature I</td>
<td>3</td>
</tr>
<tr>
<td>LL252</td>
<td>World Literature II</td>
<td>3</td>
</tr>
<tr>
<td>LL366</td>
<td>Major American Authors (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL376</td>
<td>Selected British Authors (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL379</td>
<td>British Literature II (Writing Intensive)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Choose any two of the following:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL351</td>
<td>Classical Devotional Literature</td>
<td>3</td>
</tr>
<tr>
<td>LL354</td>
<td>Modern Drama (Writing Intensive)</td>
<td>3</td>
</tr>
</tbody>
</table>
Electives:
Any two approved Language and Literature classes 6 credits
Subtotal: 24 credits
TOTAL: 45 credits

ENGLISH MINOR
Core Requirements:
LL166 American Literature II 3 credits
LL212 Creative Writing 3 credits
LL251 World Literature I or
LL252 World Literature II 3 credits
LL315 Advanced Composition or
LL379 British Literature II 3 credits
Subtotal: 12 credits

Choose any four of the following:
LL344 Language Studies 3 credits
LL366 Major American Authors 3 credits
LL376 Selected British Authors 3 credits
LL453 Poetry 3 credits
LL455 History of the Novel in English 3 credits
LL473 Introduction to Shakespeare 3 credits
TA351 Theatre History I or
Any other approved Language and Literature course 3 credits
Subtotal: 12 credits
TOTAL: 24 credits

Students minoring in English must have their programs approved by the Language and Literature Department during their junior year.

GREEK MINOR
HI101 History of World Civilization I* 3 credits
LL230 New Testament Greek I or
Demonstrated proficiency 3 credits
LL232 New Testament Greek II or
Demonstrated proficiency 3 credits
LL251 World Literature I* 3 credits
ENGLISH EDUCATION LICENSURE (6-12)

Core Requirements for the English Major

AND the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED415</td>
<td>Methods for Teaching English</td>
<td>3</td>
</tr>
<tr>
<td>LL356</td>
<td>Young Adult Literature</td>
<td>3</td>
</tr>
<tr>
<td>LL315</td>
<td>Advanced Composition (Writing Intensive)</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 45 credits

TOTAL: 54 credits

Strongly recommended:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CM209</td>
<td>Mass Media Writing</td>
<td>3</td>
</tr>
<tr>
<td>LL20x</td>
<td>Creative Writing (Poetry, Fiction, or Non-Fiction)</td>
<td>3</td>
</tr>
</tbody>
</table>

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

ENGLISH - SECOND FIELD ENDORSEMENT (6-12)

The candidate for second field endorsement in English must have licensure in Speech and Theatre Education.

Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL166</td>
<td>American Literature II</td>
<td>3</td>
</tr>
<tr>
<td>LL251</td>
<td>World Literature I</td>
<td>3</td>
</tr>
<tr>
<td>LL252</td>
<td>World Literature II</td>
<td>3</td>
</tr>
<tr>
<td>LL315</td>
<td>Advanced Composition (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL344</td>
<td>Language Studies</td>
<td>3</td>
</tr>
<tr>
<td>LL356</td>
<td>Young Adult Literature</td>
<td>3</td>
</tr>
<tr>
<td>LL366</td>
<td>Major American Authors (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL376</td>
<td>Selected British Authors (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL379</td>
<td>British Literature II (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL453</td>
<td>Poetry (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL455</td>
<td>History of the Novel in English</td>
<td>3</td>
</tr>
</tbody>
</table>
Exercise Science is a broad and diverse field of study. Exercise Science majors will be prepared for graduate study in Exercise Science (or related fields), as well as employment in coaching, fitness, and recreational settings. Licensure in Health and Physical Education is also available.

Required General Education courses:
BI110      Human Anatomy and Physiology               5 credits
ES101      Concepts of Physical Fitness and Health     2 credits

Core Requirements:
AT440/L    Developing and Implementing Strength and Fitness Program          3 credits
ES107      Beginning/Intermediate Swimming             1 credit
ES115      Folk Dance                                1 credit
ES120      Foundations of Exercise Science            2 credits
ES200      Introduction to Motor Learning             2 credits
ES201      Lifetime Activities                       2 credits
ES202      Individual, Dual, and Team Sports          2 credits
ES221      Essentials of Personal and Community Health 3 credits
ES226      Rules and Officiating                      2 credits
ES242      Care and Prevention of Athletic Injuries   2 credits
ES253      Recreational Leadership (Indoor/Outdoor)   3 credits
ES255      First Aid                                 3 credits
ES300      Principles of Coaching                     3 credits
ES360      Principles of Nutrition                    3 credits
ES362      Field Practicum                           1 credit
ES370      Kinesiology                               3 credits
ES374      Adapted Physical Education                 3 credits
ES380      Psychology of Sport                        2 credits
ES400      Internship                                3 credits
ES420      Exercise Physiology                       3 credits
ES475      Administration of Health, PE, & Athletics 3 credits
            (Writing Intensive)
ES498      Senior Seminar                            1 credit

TOTAL: 51 credits
**Recommended Support Courses:**
The following courses are strongly recommended for all Exercise Science Department majors, especially those interested in graduate study.

- CH110  Introductory General Chemistry  3 credits
- MA240  Elementary Statistics  3 credits

**EXERCISE SCIENCE MINOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES120</td>
<td>Foundations of Exercise Science</td>
<td>2 credits</td>
</tr>
<tr>
<td>ES201</td>
<td>Lifetime Activities</td>
<td>2 credits</td>
</tr>
<tr>
<td>ES202</td>
<td>Individual, Dual, and Team Sports</td>
<td>2 credits</td>
</tr>
<tr>
<td>ES242</td>
<td>Care and Prevention of Athletic Injuries</td>
<td>2 credits</td>
</tr>
<tr>
<td>ES255</td>
<td>First Aid</td>
<td>3 credits</td>
</tr>
<tr>
<td>ES300</td>
<td>Principles of Coaching</td>
<td>3 credits</td>
</tr>
<tr>
<td>ES370</td>
<td>Kinesiology</td>
<td>3 credits</td>
</tr>
<tr>
<td>ES374</td>
<td>Adapted Physical Education</td>
<td>3 credits</td>
</tr>
<tr>
<td>ES475</td>
<td>Administration of Health, PE, &amp; Athletics</td>
<td>3 credits</td>
</tr>
<tr>
<td></td>
<td><strong>Writing Intensive</strong></td>
<td></td>
</tr>
</tbody>
</table>

**TOTAL: 23 credits**

**HEALTH and PHYSICAL EDUCATION (preK-12)**

**LICENSURE**

Core requirements for the Exercise Science Major**  Subtotal: 51 credits

**AND** the following courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ES344</td>
<td>Curriculum and Methods of Teaching</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P.E. and Health - Elementary (PreK-6)</td>
<td>3 credits</td>
</tr>
<tr>
<td>ES346</td>
<td>Curriculum and Methods of Teaching</td>
<td></td>
</tr>
<tr>
<td></td>
<td>P.E. and Health - Secondary (7-12)</td>
<td>3 credits</td>
</tr>
<tr>
<td>ES348</td>
<td>Curriculum Methods of Health</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(PreK-12)</td>
<td>2 credits</td>
</tr>
</tbody>
</table>

**TOTAL: 59 credits**

**ES400 Internship will be waived upon satisfactory completion of ES344, ES346, and ES348.**

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.
HEALTH SCIENCE MAJOR (BS)

The mission of the Health Science major is to develop pre-professional students with the knowledge, skills, and abilities necessary to successfully pursue graduate studies in health related fields. This interdisciplinary major provides students with the core prerequisite course work necessary for application to graduate programs, allows them to focus their concentration on health and human movement, and gives the freedom for students to tailor their electives to their interests and career goals.

**Required General Education courses:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI101/L</td>
<td>Principles of Biology w/Lab</td>
<td>4</td>
</tr>
<tr>
<td>BS125</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>MA150</td>
<td>Pre-Calculus</td>
<td></td>
</tr>
<tr>
<td></td>
<td>or Elementary Statistics</td>
<td>3-5</td>
</tr>
</tbody>
</table>

**Core Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BI110/L</td>
<td>Human Anatomy and Physiology</td>
<td>5</td>
</tr>
<tr>
<td>BI258/L</td>
<td>Comparative Anatomy</td>
<td>4</td>
</tr>
<tr>
<td>BI280/L</td>
<td>Human Physiology</td>
<td>5</td>
</tr>
<tr>
<td>CH151/L</td>
<td>General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>CH152/L</td>
<td>General Chemistry II</td>
<td>5</td>
</tr>
<tr>
<td>PH210/L</td>
<td>Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PH211/L</td>
<td>Physics II</td>
<td>5</td>
</tr>
</tbody>
</table>

Subtotal: 34 credits

**Pre-Physical Therapy: Required**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT445</td>
<td>Seminar in Athletic Training</td>
<td>1</td>
</tr>
<tr>
<td>ES360</td>
<td>Principles of Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>ES362</td>
<td>Field Practicum</td>
<td>1</td>
</tr>
<tr>
<td>ES370</td>
<td>Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>ES420</td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 11 credits

**Pre-Physical Therapy: Electives** (Students choose 15 credits from the following list of courses. Course selections should be based on the pre-requisite requirements of the Doctor of Physical Therapy programs to which students will apply).

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT250</td>
<td>Structural Anatomy</td>
<td>2</td>
</tr>
<tr>
<td>AT255</td>
<td>First Aid for Athletic Trainers</td>
<td>3</td>
</tr>
<tr>
<td>AT315</td>
<td>Therapeutic Exercise</td>
<td>3</td>
</tr>
</tbody>
</table>
AT330  General Medical Concerns in the Athlete  3 credits
AT420  Psychosocial Intervention  1 credit
AT430  Therapeutic Modalities  3 credits
AT440  Developing/Implementing Strength & Fitness Programs  3 credits
AT450  Pharmacology  1 credit
BI170  Zoology  4 credits
BI210  Medical Terminology  1 credit
BI344/L  Microbiology  5 credits
BS225  Developmental Psychology  or
BS261  Social Psychology  3 credits
CH232  Introduction to Organic Chemistry  4 credits
ES221  Essentials of Personal and Community Health  3 credits

Subtotal: 15 credits
TOTAL: 60 credits

HISTORY MAJOR (BA)

The History major trains students to demonstrate knowledge of the past and to think independently and critically about past and present events and their relationship to each other. It prepares students for graduate school and other avenues within the history and government fields as well as for teaching at the secondary education level. Students may also choose to minor in History or Political Science.

Core Requirements:
HI101  History of World Civilization I  3 credits
HI102  History of World Civilization II  3 credits
HI211  U. S History I  3 credits
HI212  U.S. History II  3 credits
HI408  Modern America, 1919-Present (Writing Intensive)  3 credits
HI498  Research Methods  1 credit
HI499  Senior Thesis (Writing Intensive)  2 credits
Subtotal: 18 credits

United States History: (Choose any 2)
HI221  Topics in U.S. History  3 credits
HI302  Early America, 1607-1820  3 credits
HI304  Civil War Era, 1820-1877  3 credits
HI306  The Gilded Age, 1877-1919  3 credits
HI421  Topics in U.S. History  or
Any approved U.S. History course  3 credits

**Non-Western History: (Choose any one)**

HI261  Topics in Non-Western History  3 credits

HI461  Topics in Non-Western History  or
Any approved Non-Western History course  3 credits

**European History (Choose any 2):**

HI251  Topics in European History  3 credits
HI331  The Classical Age (to 476 A.D.)  3 credits
HI333  Medieval History (400-1400)  3 credits
HI335  Early Modern Europe (1400-1789)  (**Writing Intensive**)  3 credits
HI437  Modern Europe (1789-Present)  3 credits
HI451  Topics in European History  or
Any approved European History course  3 credits
Subtotal: 15 credits

**Electives:** Choose any four History courses 300 or above  Subtotal: 12 credits

**HISTORY MINOR**

HI101  History of World Civilization I  3 credits
HI102  History of World Civilization II  3 credits
HI211  U.S. History I  3 credits
HI212  U.S. History II  3 credits
Four elective courses in History (300 or higher)  12 credits
**TOTAL: 24 credits**

**POLITICAL SCIENCE MINOR**

Core requirements:

HG202  American Government  3 credits
HG320  State and Local Government  3 credits
HG325  Comparative Government  3 credits
HG372  International Relations  3 credits
Subtotal: 12 credits

**Electives (Choose any 3):**

BU103  Economics  3 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU240</td>
<td>Business Law</td>
<td>3</td>
</tr>
<tr>
<td>BU356</td>
<td>International Business</td>
<td>3</td>
</tr>
<tr>
<td>CM289/489</td>
<td>Topics: Political Communication</td>
<td>3</td>
</tr>
<tr>
<td>HG311</td>
<td>Topics in Government</td>
<td>3</td>
</tr>
<tr>
<td>HG269</td>
<td>Constitutional Law</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 9 credits

**TOTAL: 21 credits**

### HISTORY and GOVERNMENT EDUCATION LICENSURE (6-12)

Core Requirements for History major

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS115</td>
<td>Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>BU103</td>
<td>Economics</td>
<td>3</td>
</tr>
<tr>
<td>HG202</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>HG240</td>
<td>World and Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>HG325</td>
<td>Comparative Government</td>
<td>3</td>
</tr>
<tr>
<td>HG340</td>
<td>Kansas History and Government</td>
<td>3</td>
</tr>
<tr>
<td>ED440</td>
<td>Methods for Teaching Social and Behavioral Science</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 45 credits

AND the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HG210</td>
<td>American Government</td>
<td>3</td>
</tr>
<tr>
<td>HG240</td>
<td>World and Regional Geography</td>
<td>3</td>
</tr>
<tr>
<td>HG325</td>
<td>Comparative Government</td>
<td>3</td>
</tr>
<tr>
<td>HG340</td>
<td>Kansas History and Government</td>
<td>3</td>
</tr>
<tr>
<td>ED410</td>
<td>Methods for Teaching Social and Behavioral Science</td>
<td>3</td>
</tr>
</tbody>
</table>

TOTAL: 66 credits

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.

### INDEPENDENT INTERDISCIPLINARY MAJOR

The majors offered at Sterling College have been designed with the breadth and depth needed to meet the undergraduate professional and career needs of most students. Nevertheless, the faculty recognizes that in special cases these majors may not fit unique needs of some students and so offer the possibility of the Independent Interdisciplinary Major. Proposed majors in this program must be academically rigorous and interdisciplinary in approach, meet personal and professional goals, and result in the bachelor’s degree. Furthermore, proposed majors must have faculty approval and meet the specific guidelines listed below.
Guidelines

1. If there is already a major that includes 60% of the proposed courses, the student must take the pre-existing major.

2. The major must be truly interdisciplinary, demonstrating in its structure that cross-disciplinary connections have been made and that it includes at least two focal disciplines.

3. The major must be planned with the support of a faculty advisor who teaches in one of its significant content areas and who agrees to supervise the student's integrative creative product.

4. The appropriate form must be completed indicating department responsible for creative product, service project, and ethics instruction. The form is available through the Registrar’s Office.

5. The number of credits required in the major should be in the range of 40-50.

6. The plan for the major, its descriptive title, and the degree designation must be submitted to the Registrar’s Office for approval by the Academic Affairs Committee by the end of the first semester of the student’s junior year.

7. The student must have a minimum cumulative GPA of 3.0.

8. 70% or more of the courses in the major must be numbered 200 or above and sequenced wherever possible.

9. The major must meet the following “Objectives of a Major” by demonstrating that it provides:

   A. Knowledge of the disciplines’ contents and methods.
      1. Historical and philosophical background
      2. Range of subject matter
      3. Central principles
      4. Generally accepted unifying perspectives (theories, laws, methods, systems, and models)

   Implementation of #9A:

   Take a concentration of courses in one of the focal disciplines to develop a unifying perspective; take a balance of introductory and advanced courses in each focal discipline of the major in addition to the Senior Seminar; take a philosophy or research methods course related to the focal discipline(s).

   B. Continuing development of skills related to the discipline’s content
      1. Acquire information for producing creative projects
      2. Analyze, synthesize, and evaluate primary source material
      3. Write and speak critically and creatively
      4. Prepare for advanced study and/or a career
Implementation of #9B:

The proposal should identify the specific courses where each of these objectives will be met.

C. Values relating the discipline to worldview perspectives.
   1. Relate discipline-specific knowledge to other areas of inquiry
   2. Apply ethical guidelines to discipline-specific activity
   3. Relate discipline-specific content to Christian faith
   4. Use discipline-related information in providing service to one’s community

Implementation of #9C:

The proposal should have the following three components:

(a) Complete a creative product which demonstrates integration and synthesis of material from at least two disciplines.

and

(b) Complete an extended paper/project which demonstrates the application of ethical guidelines and the integration of faith in relationship to the focal disciplines of the interdisciplinary major. This paper may be a part of the Senior Seminar requirement but must be guided and read/graded by at least two faculty members who teach in different focal disciplines related to the major.

and

(c) Complete an advisor-approved service project that demonstrates fulfillment of objective #C4 above.

MATHEMATICS MAJOR (BS)

A major in Mathematics features applications of mathematics in the physical sciences, providing knowledge and skills required for entry level positions in business, industry, or secondary education. Students majoring in Math may take the Applied Mathematics concentration or the Education Licensure concentration.

Core Requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS150</td>
<td>CIS I</td>
<td>3 credits</td>
</tr>
<tr>
<td>MA200</td>
<td>Calculus I</td>
<td>5 credits</td>
</tr>
<tr>
<td>MA210</td>
<td>Calculus II</td>
<td>5 credits</td>
</tr>
<tr>
<td>MA220</td>
<td>Calculus III</td>
<td>5 credits</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------</td>
<td>---------</td>
</tr>
<tr>
<td>MA240</td>
<td>Elementary Statistics</td>
<td>3</td>
</tr>
<tr>
<td>MA330</td>
<td>Linear Algebra</td>
<td>3</td>
</tr>
<tr>
<td>MA370</td>
<td>Introduction to Advanced Mathematics (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>MA392</td>
<td>Mathematics Service</td>
<td>1</td>
</tr>
<tr>
<td>MA490</td>
<td>Seminar in Mathematics</td>
<td>1</td>
</tr>
<tr>
<td>PH211</td>
<td>Physics II *</td>
<td>5</td>
</tr>
</tbody>
</table>

Subtotal: 34 credits

### Applied Mathematics Concentration:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MA350</td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>MA450</td>
<td>Numerical Analysis</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 15 credits

### Electives (Choose any 3):

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS250</td>
<td>CIS II</td>
<td>3</td>
</tr>
<tr>
<td>MA390</td>
<td>Special Topics**</td>
<td>3</td>
</tr>
<tr>
<td>MA410</td>
<td>Probability Theory</td>
<td>3</td>
</tr>
<tr>
<td>MA420</td>
<td>Modern Algebra (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>MA470</td>
<td>Advanced Calculus</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal: 15 credits

**TOTAL: 49 credits**

* Students must take PH210 Physics I as a prerequisite to PH211 and to meet the Science General Education requirement.

**MA390 may be repeated with departmental consent.

### Mathematics Education Licensure Concentration (6-12):

Core requirements for the Mathematics major | 34 credits

AND the following courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED467</td>
<td>Methods of Teaching Secondary Math</td>
<td>3</td>
</tr>
<tr>
<td>MA245</td>
<td>Apprenticeship – Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>MA355</td>
<td>History of Mathematics</td>
<td>2</td>
</tr>
<tr>
<td>MA410</td>
<td>Probability Theory</td>
<td>3</td>
</tr>
<tr>
<td>MA340</td>
<td>Modern Geometry (Writing Intensive)</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL: 47 credits**

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.
MATHEMATICS MINOR

MA200  Calculus I  5 credits
MA210  Calculus II  5 credits
MA240  Elementary Statistics  3 credits
Elective courses in mathematics numbered 200 or above  6 credits

TOTAL: 19 credits

MUSIC MAJOR (BA)

The Music major provides curriculum that prepares students for a variety of career options, including arts management, arranging and recording, music sales or instrument repair, church music ministry, performance, private music instruction, and music therapy, as well as graduate studies. Two concentrations are available within the major: 1) Applied Instrumental or Vocal and 2) Sacred Music. The Music major combines well with a number of different majors on campus, such as Communications and Media Arts, Business, Christian Ministries, Theological Studies, and Theatre Arts. Students wishing to pursue specific careers, such as music therapy, should notify their advisor so that the appropriate course work outside the music curriculum may be recommended. All music majors are required to join the Sterling College student chapter of MENC (Music Educators National Conference). Attendance at the annual February state level conference (KMEA) in Wichita is encouraged for all music majors. Contact an advisor for information on additional professional organizations students are eligible to join. Education Licensure in Music is also available.

Core Requirements:

MU111-214  Music Theory I-IV  12 credits
MU170-477  Private Lessons*  12 credits
MU108-209  Aural Skills I-IV  or  4 credits
MU258  Aural Skills Proficiency**  0 credits
MU175B-MU275C  Class Piano I-IV  or  4 credits
MU260  Piano Proficiency***  0 credits
MU261  Music Seminar/Concert Attendance  0 credits
MU285  Choral Ensembles  or
MU288  Community Concert Band  8 credits
MU333  Conducting  2 credits
MU354  Music History and Literature I (Writing Intensive)  3 credits
MU355  Music History and Literature II (Writing Intensive)  3 credits
MU479  Senior Recital/Senior Project  0 credits  
Subtotal: 40-48 credits

*Students pursuing a Sacred Music emphasis must enroll for a 1-credit hour lesson during their first four semesters, and a two-credit hour private lesson during their final four semesters. All other majors are required to enroll in a two-credit hour private lesson throughout their degree program (except Music Education student teachers.)

**Students who are unable to pass the Aural Skills Proficiency Examination must enroll in the Aural Skills class sequence in order to satisfy the requirement.

***Students who are unable to pass the Piano Proficiency Examination must enroll in the Group Piano class sequence in order to satisfy the requirement.

**Applied Instrumental or Vocal Concentration:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU170-477</td>
<td>Private Lessons *</td>
<td>4 credits</td>
</tr>
<tr>
<td>MU286/MU287</td>
<td>Small Ensemble</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU317</td>
<td>Arranging (Writing Intensive)</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU342</td>
<td>Vocal Pedagogy and Literature**</td>
<td>3 credits</td>
</tr>
<tr>
<td>MU379</td>
<td>Junior Recital</td>
<td>0 credits</td>
</tr>
<tr>
<td>MUxxx</td>
<td>Elective in Music</td>
<td>2-3 credits</td>
</tr>
</tbody>
</table>

Subtotal: 13-14 credits  
**TOTAL: 53-62 credits**  

*Music majors (BA) must enroll in a two-credit hour private lesson throughout the duration of their degree.

**Majors with a vocal emphasis must take MU342 Vocal Pedagogy and Literature as an elective.

**Sacred Music Concentration:**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU178</td>
<td>Class Voice</td>
<td>1 credit</td>
</tr>
<tr>
<td>MU317</td>
<td>Arranging (Writing Intensive)</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU335</td>
<td>Choral Methods</td>
<td>3 credits</td>
</tr>
<tr>
<td>MU359</td>
<td>Hymnody</td>
<td>2 credits</td>
</tr>
<tr>
<td>MU440</td>
<td>Worship Arts</td>
<td>3 credits</td>
</tr>
<tr>
<td>MU480</td>
<td>Internship</td>
<td>2 credits</td>
</tr>
<tr>
<td>TM260</td>
<td>Contemporary Trends in Worship</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM328</td>
<td>Biblical Theology of Worship</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

113
Subtotal: 19 credits  
TOTAL: 59-67 credits

**MUSIC MINOR**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU111</td>
<td>Music Theory I</td>
<td>3</td>
</tr>
<tr>
<td>MU112</td>
<td>Music Theory II</td>
<td>3</td>
</tr>
<tr>
<td>MU170-470</td>
<td>Private lessons (4 semesters)</td>
<td>4</td>
</tr>
<tr>
<td>MU261</td>
<td>Music Seminar/Concert Attendance (4 semesters)</td>
<td>0</td>
</tr>
<tr>
<td>MU285</td>
<td>Choral Ensembles or Community Concert Band (4 semesters)</td>
<td>4</td>
</tr>
<tr>
<td>MU288</td>
<td>Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MU333</td>
<td>Conducting</td>
<td>2</td>
</tr>
<tr>
<td>MU354</td>
<td>Music History and Literature I (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>MU355</td>
<td>Music History and Literature II (Writing Intensive)</td>
<td>3</td>
</tr>
</tbody>
</table>

**TOTAL:** 22 credits

**Music Education Licensure PreK-12:**

**Core Requirements for Music Majors**  
40-48 credits  
AND the following courses for licensure in Music:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MU170-477</td>
<td>Private Lessons*</td>
<td>2-4</td>
</tr>
<tr>
<td>MU178</td>
<td>Class Voice</td>
<td>1</td>
</tr>
<tr>
<td>MU243B</td>
<td>Elementary Music Methods</td>
<td>3</td>
</tr>
<tr>
<td>MU249A</td>
<td>Woodwind Methods</td>
<td>1</td>
</tr>
<tr>
<td>MU249B</td>
<td>Brass Methods</td>
<td>1</td>
</tr>
<tr>
<td>MU249C</td>
<td>Percussion Methods</td>
<td>1</td>
</tr>
<tr>
<td>MU249D</td>
<td>String and Guitar Methods</td>
<td>1</td>
</tr>
<tr>
<td>MU286/MU287</td>
<td>Small Ensemble*</td>
<td>2</td>
</tr>
<tr>
<td>MU317</td>
<td>Arranging (Writing Intensive)</td>
<td>2</td>
</tr>
<tr>
<td>MU335</td>
<td>Secondary Choral Methods for the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>MU336</td>
<td>Secondary Instrumental Methods for the Classroom (Writing Intensive)</td>
<td>3</td>
</tr>
</tbody>
</table>

Subtotal : 20-22 credits  
TOTAL: 60-70 credits

*Music majors seeking licensure must enroll in ensembles and 2-credit hour private lessons each semester except when student teaching.

All professional education and major coursework must be completed before Clinical Teaching Experience. Refer to the Education Licensure section—Secondary and PreK-12 Teacher Licensure Programs—for professional education courses required.
ORGANIZATIONAL MANAGEMENT MAJOR (BS)

The Organizational Management major is designed to prepare students to be effective leaders and managers. Whether the interest is in businesses or not-for-profit organizations, this major provides a broad background in how organizations function. Students gain knowledge and skills needed in the diverse fields of organizational theory, economics, human resources management, business law, accounting, and ethics, all of which are needed for effective strategizing and decision-making in any organization.

Core Requirements:
OM301 Organizational Theory 3 credits
OM302 Principles of Management 3 credits
OM310 Principles of Managerial Accounting 3 credits
OM320 Business Statistics 3 credits
OM330 Business Ethics 3 credits
OM340 Leadership 3 credits
OM350 Introduction to Economics 3 credits
OM360 Principles of Marketing 3 credits
OM370 Management Information Systems 3 credits
OM380 Business and Society 3 credits
OM410 Business Law 3 credits
OM425 Human Resources Management 3 credits
OM430 Strategy and Managerial Decision-Making 3 credits
OM440 Crisis Management 3 credits
OM450 Entrepreneurship 3 credits

TOTAL: 45 credits

PSYCHOLOGY MAJOR (BA)

The Psychology major provides courses that prepare students for productive family and community life, employment in human service related entry-level positions, and graduate study in psychology. A minor in psychology is also available.

Core Requirements:
BS125 General Psychology 3 credits
BS196 Statistics for the Behavioral Sciences 3 credits
BS225 Developmental Psychology 3 credits
BS261 Social Psychology 3 credits
BS290  Behavioral Science Practicum  or  [3 credits]
BS440  Research Experience  [3 credits]
BS295  Behavioral Science Research Methods  [4 credits]
BS325  History and Philosophy in Psychology  [3 credits]
BS345  Biological Foundations of Behavior  (Writing Intensive)  [4 credits]
BS365  Learning Theory  (Writing Intensive)  [4 credits]
BS385  Abnormal Psychology  [3 credits]
BS386  Theories of Personality  [3 credits]
BS490  Service Seminar  [2 credits]

Subtotal: 38 credits

Elective Courses (choose any one course):

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS160</td>
<td>Social Inequality Field Trip</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS242</td>
<td>Industrial/Organizational Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS265</td>
<td>Psychological Testing</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS270</td>
<td>Theories of Counseling</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS290</td>
<td>Behavioral Science Practicum</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS350</td>
<td>Cognitive Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS397</td>
<td>Independent Study</td>
<td>1-3 credits</td>
</tr>
<tr>
<td>ED272</td>
<td>Educational Psychology</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

Subtotal: 3 credits

TOTAL: 41 credits

PSYCHOLOGY MINOR

Core Requirements:

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS125</td>
<td>General Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS196</td>
<td>Statistics for the Behavioral Sciences</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS225</td>
<td>Developmental Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS261</td>
<td>Social Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS295</td>
<td>Behavioral Science Research Methods</td>
<td>4 credits</td>
</tr>
</tbody>
</table>

Subtotal: 16 credits

Electives (Select any two courses):

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BS345</td>
<td>Biological Foundations of Behavior  (Writing Intensive)</td>
<td>4 credits</td>
</tr>
<tr>
<td>BS365</td>
<td>Learning Theory  (Writing Intensive)</td>
<td>4 credits</td>
</tr>
<tr>
<td>BS385</td>
<td>Abnormal Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS386</td>
<td>Theories of Personality</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS160</td>
<td>Social Inequality Field Trip</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS242</td>
<td>Industrial/Organizational Psychology</td>
<td>3 credits</td>
</tr>
<tr>
<td>BS265</td>
<td>Psychological Testing</td>
<td>3 credits</td>
</tr>
</tbody>
</table>

116
BS270  Theories of Counseling  3 credits
BS350  Cognitive Psychology  3 credits
Subtotal: 6-7 credits
TOTAL: 22-23 credits

SPORTS MANAGEMENT MAJOR (BS)
The Sports Management major combines courses from both the Business and Exercise Science Departments. Students have the option of choosing from four concentrations to supplement the major and assist in focusing on a particular career track: Club, Fitness, and Recreation; Coaching and Instruction; Collegiate, Professional, or Corporate Sport Administration; and Marketing, Promotions, and Sports Information. Although the concentration option is recommended, it is not required.

Core Requirements:
BU102  Strategies for Success  2 credits
BU103  Economics  3 credits
BU140  Business Communication  2 credits
BU329  Critical Thinking and Problem Solving (Writing Intensive)  2 credits
BU338  Management Leadership  3 credits
BU362  Ethics in Business  3 credits
BU499  Business Policy (Writing Intensive)  3 credits
ES120  Foundations of Exercise Science  2 credits
ES221  Essentials of Personal and Community Health  3 credits
ES240  Introduction to Sport Law  3 credits
ES248  Sport Tournament/Event Management  3 credits
ES253  Recreational Leadership  3 credits
ES315  Sport Public Relations  3 credits
ES325  Sport Marketing  3 credits
ES380  Psychology of Sport  2 credits
ES400  Internship  3 credits
ES475  Administration of Health, PE, and Athletics  3 credits
ES498  Senior Seminar  1 credit
TOTAL: 47 credits

Recommended Support Courses:
BU302  Business Computing
BU365  Organizational Behavior
BU366  Organizational Change
MA240  Elementary Statistics
TM439  Christian Ethics

Club, Fitness, and Recreation Concentration:
AT440/L  Developing/Implementing Strength/Fitness Program  3 credits
BU367  Organizational Leadership  3 credits
ES242  Care and Prevention of Athletic Injuries  2 credits
ES255  First Aid  3 credits
ES360  Principles of Nutrition  3 credits

Recommended Support Courses:
BU200  Macroeconomics
BU201  Microeconomics
CS207  Information Systems Theory and Practice
ES370  Kinesiology
ES374  Adapted Physical Education
ES420  Exercise Physiology

Coaching and Instruction Concentration:
ES200  Motor Learning  2 credits
ES202  Individual, Dual, and Team Sports  2 credits
ES242  Care and Prevention of Athletic Injuries  2 credits
ES255  First Aid  3 credits
ES300  Principles of Coaching  3 credits
ES360  Principles of Nutrition  3 credits

Recommended Support Courses:
ED195  Introduction to Education
ES226  Rules and Officiating
ES370  Kinesiology
ES374  Adapted Physical Education
ES420  Exercise Physiology

Collegiate, Professional, or Corporate Sport Administration Concentration:
BU209  Financial Accounting  3 credits
BU210  Managerial Accounting  3 credits
BU256  Business Writing  2 credits
BU286  Teamwork  2 credits
BU331  Entrepreneurship  3 credits

**Recommended Support Courses:**
CS207  Information Systems Theory and Practice
BU356  International Business

**Marketing, Promotions, and Sports Information Concentration:**
BU420  Advanced Marketing  3 credits
CM207  Mass Media, Self, and Society  3 credits
CM153XS  Mass Media Lab (choose one)  1 credit
  Public Relations, Video, Print Journalism, or Radio
CM209  Mass Media Writing  3 credits
CM336  Principles of Public Relations  3 credits

**Recommended Support Courses:**
AR180  Photography I
AR215  Introduction to Computer Graphics
BS295  Behavioral Science Research Methods

Concentration Subtotal: 13-15 credits
TOTAL: 60-62 credits

**THEATRE ARTS MAJOR (BA)**
The Theatre Arts major provides students with focused study in theatre history, criticism, literature, design, and advanced performance and production including acting, stagecraft, and directing. Theatre laboratories give students acting and production experience through an annual season of plays including musicals, classics, and modern drama. Theatre Arts graduates are prepared to find work as actors, scene builders, costumers, announcers, stage property managers, and theme park entertainers, as well as careers including advertising, public relations, ministry, and as arts agency promoters. The major offers four concentrations: Director, General, Performance, and Technical. Education licensure in Speech and Theatre is also available.

**Core Requirements:**
CM101  Public Speaking  or
TA130  Oral Interpretation  3 credits
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA110</td>
<td>Voice and Movement</td>
<td>3</td>
</tr>
<tr>
<td>TA125</td>
<td>Acting I</td>
<td>3</td>
</tr>
<tr>
<td>TA155</td>
<td>Service Laboratory (General, Costuming/Makeup,</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Stagecraft, Stage Management)</td>
<td></td>
</tr>
<tr>
<td>TA200</td>
<td>Stagecraft I</td>
<td>3</td>
</tr>
<tr>
<td>TA205</td>
<td>Survey of Modern &amp; Contemporary Drama</td>
<td>3</td>
</tr>
<tr>
<td>TA210</td>
<td>Costuming</td>
<td>2</td>
</tr>
<tr>
<td>TA215</td>
<td>Makeup</td>
<td>2</td>
</tr>
<tr>
<td>TA220</td>
<td>Intro to Theatrical Design</td>
<td>3</td>
</tr>
<tr>
<td>TA351</td>
<td>Theatre History I (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>TA352</td>
<td>Theatre History II (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>TA370</td>
<td>Directing</td>
<td>3</td>
</tr>
<tr>
<td>LL473</td>
<td>Introduction to Shakespeare</td>
<td>3</td>
</tr>
<tr>
<td>TA490</td>
<td>Senior Project</td>
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</tr>
<tr>
<td>TA495</td>
<td>Senior Seminar</td>
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</tr>
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</table>

**Subtotal: 42 credits**

### Directing Concentration:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA225</td>
<td>Acting II</td>
<td>3</td>
</tr>
<tr>
<td>TA230</td>
<td>Musical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TA250</td>
<td>Stagecraft II</td>
<td>3</td>
</tr>
<tr>
<td>TA350</td>
<td>History of Costume and Décor</td>
<td>3</td>
</tr>
</tbody>
</table>

### General Concentration: (Students choose 12 credits from the following courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA225</td>
<td>Acting II</td>
<td>3</td>
</tr>
<tr>
<td>TA230</td>
<td>Musical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TA250</td>
<td>Stagecraft II</td>
<td>3</td>
</tr>
<tr>
<td>TA350</td>
<td>History of Costume and Décor</td>
<td>3</td>
</tr>
<tr>
<td>TA325</td>
<td>Acting III</td>
<td>3</td>
</tr>
<tr>
<td>TA289</td>
<td>Topics in Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TA380</td>
<td>Independent Study in Theatre Arts</td>
<td>3</td>
</tr>
</tbody>
</table>

### Performance Concentration:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA255</td>
<td>Acting II</td>
<td>3</td>
</tr>
<tr>
<td>TA230</td>
<td>Musical Theatre</td>
<td>3</td>
</tr>
<tr>
<td>TA325</td>
<td>Acting III</td>
<td>3</td>
</tr>
<tr>
<td>TA289/489</td>
<td>Topics in Theatre</td>
<td>3</td>
</tr>
</tbody>
</table>

120
Technical Concentration:
TA250 Stagecraft II 3 credits
TA350 History of Costume and Décor 3 credits
TA289 Topics in Theatre or TA380 Independent Study in Theatre Arts 3 credits
Three credits in Art and Design (AR) 3 credits
Concentration Subtotal: 12 credits
TOTAL: 54 credits

COMMUNICATION, MEDIA, AND THEATRE ARTS MINOR
Core Requirements:
CM101 Public Speaking 3 credits
CM150 Forensics/Debate Laboratory* 1 credit
CM153S Mass Media Service Laboratory* 1 credit
CM207 Mass Media, Self, and Society 3 credits
TA105 Introduction to Theatre 3 credits
TA155XS Theatre Laboratory* 1 credit
Additional courses** 9 credits
TOTAL: 21 credits

*Students must choose two of the three service lab courses
**Students must choose nine credits from CM or TA and/or related cognate courses numbered 200 or above as approved by the department.

SPEECH AND THEATRE EDUCATION LICENSURE 6-12
Core Requirements for Theatre Arts Majors 42 credits
AND the following courses:
CM150 Debate/Forensics Lab 1 credit
CM263 Interpersonal Communication 3 credits
CM340 Argumentation and Debate 3 credits
ED416 Methods for Teaching Speech/Theatre 3 credits
Subtotal: 10 credits
TOTAL: 52 credits

WRITING AND EDITING MAJOR (BA)
The Writing and Editing major is intended to equip students with the knowledge and skills to write and edit for a variety of audiences and occasions. Students will be prepared for employment in writing and/or editing in a variety of fields and for
graduate study in writing and/or rhetoric and composition. The major offers two concentrations: **Creative Writing** and **Professional Writing**.

### Core Requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>LL102</td>
<td>College Composition II</td>
<td>3</td>
</tr>
<tr>
<td>CM153JS/PRS</td>
<td>Journalism/Public Relations Lab</td>
<td>or 2</td>
</tr>
<tr>
<td>LL157</td>
<td>GPR Lab</td>
<td>2</td>
</tr>
<tr>
<td>LL243</td>
<td>English Grammar</td>
<td>3</td>
</tr>
<tr>
<td>LL257</td>
<td>Foundations of Writing and Editing</td>
<td>2</td>
</tr>
<tr>
<td>LL315</td>
<td>Advanced Composition (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>LL319</td>
<td>Research and Integrity in Writing</td>
<td>3</td>
</tr>
<tr>
<td>LL357</td>
<td>Advanced Technical Editing</td>
<td>3</td>
</tr>
<tr>
<td>LL344</td>
<td>Language Studies</td>
<td>3</td>
</tr>
<tr>
<td>LL396</td>
<td>Writing Internship</td>
<td>3</td>
</tr>
<tr>
<td>LL473</td>
<td>Introduction to Shakespeare</td>
<td>3</td>
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<tr>
<td>LL497</td>
<td>Seminar in Advanced Writing and Editing</td>
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</table>

**Subtotal: 31 credits**

### Creative Writing Concentration: (choose any four)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>LL207</td>
<td>Creative Writing: Poetry</td>
<td>3</td>
</tr>
<tr>
<td>LL208</td>
<td>Creative Writing: Fiction</td>
<td>3</td>
</tr>
<tr>
<td>LL209</td>
<td>Creative Writing: Non-Fiction</td>
<td>3</td>
</tr>
<tr>
<td>CM309</td>
<td>Script Writing</td>
<td>3</td>
</tr>
<tr>
<td>TA289/489</td>
<td>Topics: Playwriting</td>
<td>3</td>
</tr>
<tr>
<td>LL380</td>
<td>Literary Criticism</td>
<td>3</td>
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</tbody>
</table>

**Subtotal: 11-12 credits**

### Professional Writing Concentration: (choose any four)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>BU140</td>
<td>Business Communication</td>
<td>2</td>
</tr>
<tr>
<td>CM209</td>
<td>Mass Media Writing</td>
<td>3</td>
</tr>
<tr>
<td>CM311</td>
<td>Print Journalism</td>
<td>3</td>
</tr>
<tr>
<td>CM336</td>
<td>Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>CM340</td>
<td>Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>CM345</td>
<td>Rhetorical Criticism (Writing Intensive)</td>
<td>3</td>
</tr>
<tr>
<td>CM356</td>
<td>Web Design</td>
<td>3</td>
</tr>
<tr>
<td>CM366</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

**Subtotal: 11-12 credits**

**TOTAL: 42-43 credits**
WRITING AND EDITING MINOR

Core Requirements:
LL102 College Composition II 3 credits
CM153JS/PRS Journalism/Public Relations Lab or
LL157 GPR Lab or
LL396 Writing Internship 2 credits
LL243 English Grammar 3 credits
LL257 Foundations of Writing and Editing 2 credits
LL315 Advanced Composition (Writing Intensive) 3 credits
LL319 Research and Integrity in Writing 3 credits
LL357 Advanced Technical Editing 3 credits
Subtotal: 19 credits

Electives: (Choose any two)
BU140 Business Communication 2 credits
CM209 Mass Media Writing 3 credits
CM309 Script Writing 3 credits
CM311 Print Journalism 3 credits
LL207 Creative Writing: Poetry 3 credits
LL208 Creative Writing: Fiction 3 credits
LL209 Creative Writing: Non-Fiction 3 credits
TA289/489 Topics: Playwriting 3 credits
Subtotal: 5-6 credits

TOTAL: 24-25 credits
ART COURSES

AR105  Art Appreciation  3 credits
This course is intended for students without an art background. It includes a study of the basic elements, principles, and concepts of art, with an introduction to major artists and their work in several artistic media. Discussions and lectures cover criticism, theory, philosophy, and values of various artists, cultures, periods, and styles. Introduction to various materials, media, and techniques of art-making are covered. Materials fee.
AR110  Drawing I  3 credits
The class will cover the basic elements of drawing from nature and life in various media such as pencil, crayon, charcoal, ink, felt pen, pastel, etc. Materials fee. (Fall)

AR131  Design I - 2-Dimensional Design and Color Theory  3 credits
This course focuses on the elements and principles of design, and an introduction to the various artistic media and methods employed in two-dimensional design. Special study will be done in color theories and relationships. Materials fee.

AR140  Introduction to Printmaking  3 credits
This course is an introduction to basic techniques in printmaking. Students will conceptualize and execute prints using a variety of techniques. Prerequisites: AR110 and AR131.

AR151  Design II - 3-Dimensional Design  3 credits
Students will study the elements and principles of design, and how these are applied to 3-D forms. Techniques to be learned will include carving, casting, construction, forming, modeling, assemblage, and mixed media. Materials fee. (Fall)

AR155  Service Project Lab  1 credit
Supervision and documentation of the required service project.

AR160  Ceramics I - Basic  3 credits
Ceramics uses a multicultural approach to introduce students to the basic construction techniques of pinch, coil, slab, and wheel work. Students explore a range of clay from earthenware to stoneware. Glazing and firing techniques include pit-firing, raku, electric, and high fire gas reduction. Materials fee.

AR171  Introduction to Illustration  3 credits
This course is an introduction to the diverse application of illustration. Students will work in a variety of methods and media while creating illustrations for a variety of fields. An emphasis will also be placed upon professional practice and communication with clients through conceptual stages. Students will be prepared with the introductory concepts needed to work in illustration, concept art, and entertainment design. Prerequisites: AR131 and AR215.
AR180  Introduction to Photography  3 credits
This course teaches the basic techniques and aesthetics of black and white photography. Class sessions are divided between lecture, field, and production experiences. Emphasis is on increasing camera and production skills as a form of artistic expression and to produce a deliverable product for commercial application. Students are required to supply their own digital camera. Contact the instructor for specifications. Materials fee.

AR210  Drawing II  3 credits
The class covers the advanced techniques, problems, and other aspects of drawing. Materials fee. Prerequisites: AR110 and AR131.

AR211  Art History I - Ancient to Medieval  3 credits
This course is a focused study of the history of artistic media, methods, styles, and artists from pre-history to the Proto-Renaissance. Dominant ideas and values of western and non-western art will be examined. Discussions and lectures cover criticism, theory, philosophy, and values of various artists, cultures, periods, and styles. Various materials, media, and techniques will be introduced. (Fall)

AR212  Art History II - Renaissance to Modern  3 credits
This course is a study of artistic media, methods, styles, and artists from the Proto-Renaissance to the 21st Century. Dominant ideas and values of western and non-western art will be examined. Discussions and lectures cover criticism, theory, philosophy, and values of various artists, cultures, periods, and styles. Various materials, media and techniques will be introduced. (Spring)

AR215  Introduction to Computer Graphics  3 credits
This course is an introduction to the tools and techniques of creating imagery and layouts through the use of digital tools. Students will acquire a basic understanding of how to integrate various digital and natural media. This course will also provide concepts necessary for artists to be able to digitally package, market, and present their artwork. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign). Materials fee. Prerequisite: AR131 or by permission of the instructor.

AR220  Painting I  3 credits
This class serves as an introduction to painting with the various media and techniques commonly used in oil painting. Techniques, demonstrations, and
lectures will involve transparent and opaque methods, as well as the creation and preparation of painting surfaces. This course requires a significant investment in personal supplies and materials. Materials fee. Prerequisite: AR110 or consent of instructor.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AR235</td>
<td>Sculpture I - Basic</td>
<td>3</td>
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<td>This class serves as an introduction to the basics of sculpture. Media introduction and exploration such as clay building, modeling, carving, and molding will be covered. Materials fee. Prerequisite: AR151.</td>
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<tr>
<td>AR260</td>
<td>Ceramics II – Advanced</td>
<td>3</td>
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<td></td>
<td>Students will concentrate on advanced hand-building and wheel throwing techniques. Laboratory assignments will enable the student to create glazes and investigate firing techniques related to glazes. Materials fee. Prerequisite: AR160.</td>
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<tr>
<td>AR275</td>
<td>Elementary Art Methods</td>
<td>3</td>
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<tr>
<td></td>
<td>This course is a study of art methods and curricula relevant to educators teaching at the elementary school level. Materials fee. Prerequisite: ED219. <strong>Does not fulfill a general education requirement.</strong> (Spring)</td>
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<tr>
<td>AR280</td>
<td>Alternative Photography</td>
<td>3</td>
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<tr>
<td></td>
<td>A continuation of Photography I designed to teach advanced techniques, composition, and aesthetics of black and white photography. Emphasis is on alternative methods of creating photographic images, including various techniques and mediums. This course includes projects requiring out-of-class photography shoots on a variety of subjects and an investment in the process of distinct image-making. Materials fee. Prerequisites: AR131 and AR180.</td>
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<tr>
<td>AR289</td>
<td>Topics in Art and Design</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>This course is designed to expose students to various topics in Art and Design.</td>
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<tr>
<td>AR310</td>
<td>Figure Drawing</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Study of materials, procedures, techniques, and problems related to drawing the human figure. Materials fee. Prerequisite: AR210.</td>
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<tr>
<td>AR315</td>
<td>Visual Communication in Graphic Design</td>
<td>3</td>
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<tr>
<td></td>
<td>This course focuses on the creation of visual ideas that communicate and move the designer to integration of form and function. An emphasis on research will be used</td>
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</tbody>
</table>
in conjunction with conceptualization to develop unique, powerful graphic designs. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisite: AR215 or by permission of the instructor.

AR320 Painting II 3 credits
This course is a continuation of AR220, including advanced technique development and an expansion beyond oil-based media. The successful painter will understand that painting is a vital means of producing art and demonstrate mastery of the media and methods of painting. Materials fee.

AR326 Digital Imaging 3 credits
A course focused on advanced digital tools and techniques used to edit digitally acquired photography. The course will orient around production techniques used in real-world commercial situations. Students will also use photography skills to produce their own creative photography shoots and edit the images to specifications with a mind towards integration in layout. Final work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisites: AR180, AR215, or by permission of the instructor.

AR335 Sculpture II - Advanced 3 credits
The class serves as a continuation of basic sculpture. This standard studio course in sculpture will explore the advanced techniques and media. Materials fee. Prerequisite: AR235.

AR345 Contemporary Criticism 3 credits
This course surveys the historic development of visual art beginning with the ancient Greeks through Post-modernism. Reading, lecture and discussion, and examination/critique of art work (s) will lead the student to an understanding of how modern/contemporary visual art has developed through the ages into its current fluid state. Discussion will include how concepts were formulated, including world views involving aesthetics/philosophical, political, religious, and sociological contexts. (Writing Intensive) Prerequisite: Junior standing.
AR360 Ceramics III -Studio 3 credits
The course serves as an upper level study in ceramics. It includes further exploration of building and throwing techniques, as well as glazing and glaze mixing. Materials fee. Prerequisites: AR160 and AR260.

AR371 History of Illustration 3 credits
This course covers the rich history and diverse media and styles of illustration, concentrating on illustrators from the genesis of the art form to the present. Emphasis will be placed on analyzing style, understanding working techniques, and revealing connections between illustrators.

AR376 Secondary Art Methods 3 credits
Students will engage in a study of the history and philosophy of art education in general, and of curricula and methods particular to teaching art at the secondary level. The class may be offered through another ACCK school and will be taught by a licensed secondary educator. Concurrent with ED400. Materials fee. Prerequisites: ED219 and acceptance to STEP. (Spring)

AR380 History of Photography 3 credits
This course covers the rich history, diverse techniques, and working styles of photographers with an introduction to contemporary practitioners. Emphasis will be placed on analyzing style, understanding processes, and analyzing bodies of work in order to spur on the student's own development.

AR38_ Projects in ____ 1-3 credits
Advanced study in a particular medium for students who have taken all scheduled courses in that area. Possibilities include AR381 Drawing, AR382 Painting, AR383 3-D Design, AR384 Printmaking, AR386 Ceramics, and AR388 Photography.

AR410 Advanced Drawing 3 credits
Upper level study in drawing techniques and media, with an aim towards creating portfolio-level work and discerning the individual's distinct artistic expression. Emphasis on group critique and collaborative growth. Materials fee. Prerequisite: AR210.

AR415 Advanced Layout and Design 3 credits
Students will generate advanced layouts across a variety of uses with complex requirements with high standards of excellence in concept and execution and
integration of conceptual skills. An understanding of print, screen, and file specifications will be developed to provide students with the skills necessary to create distribution-ready designs. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisites: AR215, AR180, or by permission of the instructor.

**AR420 Painting III** 3 credits
Upper level study in painting techniques and media, with an aim towards creating portfolio-level work and discerning the individual's distinct artistic expression. Materials fee.

**AR426 Digital Illustration and Imagery** 3 credits
This course serves as an advanced study of creating student driven images that communicate using a variety of both digital and natural media tools. It focuses on exposing students to a variety of styles and techniques through exploration. Work will be created using a combination of the Adobe Creative Suite (Illustrator, Photoshop, and InDesign) as well as self-acquired photography and hand-made elements. Materials fee. Prerequisites: AR180, AR215, AR220, or by permission of the instructor.

**AR435 Sculpture III - Studio** 3 credits
A Senior level concentration in sculpture toward completion of a major's portfolio in sculpture and final preparation for the senior creative product. Materials fee. Prerequisites: AR335.

**AR460 Ceramics IV - Senior Studio** 3 credits
A Senior level concentration in ceramics toward completion of a major's portfolio and final preparation for the senior creative product. Materials fee. Prerequisite: AR360.

**AR471 Thematic Illustration** 3 credits
This course will cover the creation of a series of tightly related images that communicate a specific theme or story. Emphasis will be upon the conceptual process and creating a set of illustrations with high continuity of application and style. The duration of the course will be spent on one single project. Students will be prepared with the advanced concepts needed to work in illustration, concept art, and entertainment design. Prerequisites: AR171, AR131, and AR215.
AR485  Thematic Photography  3 credits
This course will facilitate the creation of a series of tightly related images that communicate a specific theme or story. Emphasis will be upon the conceptual process and creating a set of photographs with high continuity of application, content, and style. The duration of the course will be spent on either one or two thematically driven projects composed of several images. Students will investigate advanced concepts needed to work in photographic venues such as fashion, magazines, photojournalism, or fine art.

AR489  Topics in Art and Design  3 credits
This course is designed to expose students to advanced study of various topics in Art and Design.

AR490  Senior Art Exhibition  3 credits
Seniors assess the strengths and weaknesses of their portfolios. Under supervision of the Art and Design faculty students prepare a portfolio of their best work to present to the A/D faculty. Upon evaluation, certain works will be selected for presentation of a professional show at the Art Center. The student must have a minimum of 20-25 professional pieces to display for the senior art exhibition; however, faculty may require more. Only work developed beyond the studio experience will be accepted for review. Materials fee.

ATHLETIC TRAINING COURSES

AT200  Practicum I  1 credit
A clinical/practicum course designed for students in their first semester of acceptance into the ATEP. Specific competencies and proficiencies are required to be met during the student’s clinical experience. Prerequisites: AT242 and AT243. Fee: $25 (Fall/Spring)

AT242  Care and Prevention of Athletic Injuries  2 credits
This course serves as a general overview and basic introduction to the many facets of athletic training focusing on the care and prevention of athletic injuries, and the role of the athletic trainer and the sports medicine professional (i.e., record keeping, initial injury evaluation and recognition, treatment, and legal concerns). Students rotate through a variety of clinical observations as part of this course. AT majors only. Concurrent with AT243. (Spring)
AT243  Care and Prevention Techniques for Athletic Training  1 credit
This clinical-oriented course deals with the prevention, assessment, and
management techniques of athletic injuries. This “hands-on” lab must be taken
concurrently with AT242. Fee: $20. (Spring)

AT250  Structural Anatomy  2 credits
Students will study the structural anatomy of the human body. An emphasis will be
placed on bony and muscular identification, appropriate terminology, bone
markings, muscular attachment sites, and identifying anatomical landmarks. This
class is designed for those students pursuing careers in Exercise Science, Medicine,
and Athletic Training. (Spring)

AT255  First Aid for Athletic Trainers  3 credits
An intensive course in First Aid, including lectures, demonstrations, and practice in
accident prevention and treatment of injuries. Red Cross First Aid, AED, and CPR
for the Professional Rescuer certification may be secured upon completion of the
course. $55.00 fee for certification. Instructor approval required. (Interterm)

AT289  Topics in Athletic Training  3 credits
This course is designed to expose students to various topics in Athletic Training.

AT301  Practicum II  2 credits
A clinical/practicum course designed for students in their second semester of
enrollment in the ATEP. Prerequisites: AT200 and AT352. Fee: $25 (Spring)

AT302  Practicum III  2 credits
A clinical/practicum course designed for students in their third semester of
enrollment in the ATEP. Prerequisites: AT301 and AT351. Fee: $25 (Fall)

AT315  Therapeutic Exercise  3 credits
This course deals with the theory and practice of therapeutic exercise and
rehabilitation techniques as they relate to the physically active. Lecture and labs will
be used to demonstrate proper techniques typically administered to patients in the
athletic training and other rehabilitation settings. Prerequisites: AT351 and AT352.
(Spring)
AT330   General Medical Concerns 3 credits  
This course is designed to discuss the common general medical concerns that may  
be encountered in the Athletic Training field. Advanced evaluation techniques will  
be demonstrated and practiced in the assessment of common injuries and  
conditions to the eye, ear, nose, throat, thorax, lungs, abdomen, heart, and the  
tegument. Prerequisite: BI110. (Spring)

AT351   Assessment of Upper Extremity Injuries 3 credits  
This course discusses the proper assessment and management of athletic injuries to  
the head, neck, shoulder, elbow, forearm, wrist, hand, and fingers. The student will  
learn how to recognize and evaluate common athletic injuries to these areas of the  
body in classroom settings. Concepts and skills taught in the course will be  
reinforced through structured laboratory/practical experience. Prerequisite: AT250.  
(Spring)

AT351L   Assessment of Upper Extremity Injuries Lab 1 credit  
The lab accompanies AT351 Upper Body Evaluation. This course is a practical  
study in clinical evaluation of upper extremity, head, neck, and illnesses commonly  
sustained by the physically active. Emphasis is placed on proper evaluation for the  
purpose of (1) administering proper first aid and emergency care and (2) making  
appropriate referrals to physicians. The class will meet one time per week and will  
consist of demonstration, practice, and evaluation of assessment techniques.  
Concurrent enrollment with AT351.

AT352   Assessment of Lower Extremity Injuries 3 credits  
This course discusses the proper assessment and management of athletic injuries  
to the low back, pelvis, hip, thigh, knee, lower leg, ankle, and foot. The student will  
learn how to recognize and evaluate common athletic injuries to these areas of the  
body in the classroom setting. Additionally, concepts and skills taught in the course  
will be reinforced through structured laboratory/practical experiences. Prerequisite:  
AT250. (Fall)

AT352L   Assessment of Lower Extremity injuries Lab 1 credit  
The lab accompanies AT352 Lower Body Evaluation. This course is a practical  
study in clinical evaluation of lower extremity and illnesses commonly sustained by  
the physically active. Emphasis is placed on proper evaluation for the purpose of  
(1) administering proper first aid and emergency care and (2) making appropriate  
referrals to physicians. The class will meet one time per week and will consist of
demonstration, practice, and evaluation of assessment techniques. Concurrent enrollment in AT352.

AT403  Practicum IV  1 credit
A clinical/practicum course designed for students in their fourth semester of enrollment in the ATEP. Prerequisites: AT302 and AT430. Fee: $25 (Spring)

AT404  Practicum V  2 credits
A clinical/practicum course designed for students in their fifth semester of enrollment in the ATEP. Prerequisites: AT315 and AT403. Fee: $25 (Fall)

AT420  Psychosocial Intervention  1 credit
This course will provide appropriate intervention strategies and referral techniques specific to the role of an athletic trainer to initiate recovery for any athlete/patient experiencing a variety of psychosocial problems. (Interterm)

AT430  Therapeutic Modalities  3 credits
The purpose of this class is to educate the student in the function and role of therapeutic modalities in treatment of athletic injuries. Actual application of course material will be reinforced through “hands-on” laboratory experience with a vast majority of modalities used in sports medicine today. (Fall)

AT430L  Therapeutic Modalities Lab  1 credit
Emphasis is placed on the proper application of therapeutic modalities as they pertain to specific injuries and conditions. The class meets once a week and will consist of demonstration, practice, and evaluation of therapeutic techniques. Concurrent with AT430. (Fall)

AT435  Administration in Athletic Training  3 credits
The course will include such topics as legal liability, fiscal management, facilities operation, personnel supervision, public relations, and organizational structures. (Fall)

AT440/L  Developing and Implementing Strength and Fitness Programs  3 credits
In this course, students will learn the components of physical fitness, and how to analyze and apply neuromuscular and physiological knowledge to determine the content and administration of pre-season, in-season, and off-season programs for a 134
variety of athletic teams at different levels of competition. Prerequisites: ES370 and ES420. (Spring)

AT445  Seminar in Athletic Training  1 credit
A course designed for library research discussion of critical questions and contemporary issues and problems in athletic training/sports medicine. Physicians and allied health professionals will be utilized in the presentation of a majority of these seminars. Prerequisite: Senior status. (Writing Intensive) (Fall)

AT450  Pharmacology for the Athletic Trainer  1 credit
This course is a survey of the pharmacological agents utilized in the practice of athletic training, and those typically prescribed by physicians that pertain to the athletic population. Management and handling of medications will also be discussed. Instructor permission. (Fall)

AT489  Topics in Athletic Training  3 credits
This course is designed to expose students to advanced study of various topics in Athletic Training.

AT495  Practicum VI  1 credit
A clinical/practicum course designed for students in their sixth semester of enrollment in the ATEP. Specific competencies and proficiencies are required to be met during the student’s clinical experience. This course is a culmination of all competencies and proficiencies learned. Prerequisite: AT404. Fee: $25 (Fall/Spring)

BIOLOGY COURSES

BI101/L  Principles of Biology with Lab  4 credits
Students will be introduced to scientific thought and exploration. Fundamental principles and concepts of biology will be addressed from the perspective of the universal need all organisms share to meet their physical and biochemical requirements. Understanding the shared as well as different approaches to these requirements allows us to categorize organisms and to better understand our own biology. (Spring/Odd Years)

BI110/L  Human Anatomy and Physiology  5 credits
Course serves as an introduction to the anatomy and physiology of cells, organs, and systems of the human organism in order to provide better understanding of the
basic biological principles of each system and appreciation of the delicate functional structure as well as their relationship. Four class discussions and one 3-hour laboratory each week. (Fall)

**BI125/L  Environmental Science  4 credits**
Students are introduced to ecological principles including energy flow, nutrient cycles, predator-prey relationships, pollution problems, population dynamics, and renewable and non-renewable energy sources and their alternatives. Position and impact of mankind in the environment and consideration of the sociological, political, economic, and religious implications of their relationship to the ecosystem are addressed. Two class discussions and one three-hour laboratory each week. (Spring)

**BI170/L  Zoology  4 credits**
The study of major biological principles including origins, cellular structure and function, animal architecture and organization, animal classification, and interrelationships of animals within the environment via a survey approach of the major animal phyla. Three class sessions and one three-hour laboratory each week. (Fall)

**BI210  Medical Terminology  1 credit**
The course is designed to introduce students to terminology commonly used in the medical field. Students will learn the origin and application of common suffixes, prefixes, and root words in relation to the major systems of the human body. (As announced)

**BI240  Topics in Biology  3 credits**
This course is designed to expose students to various topics in the Biological, Health, and Medical Sciences.

**BI258/L  Comparative Anatomy  4 credits**
The course is a study of the major vertebrate classes in respect to the anatomy of selected organ systems. Designed for the pre-health professional, the course is taught from a view of the organ systems with major emphasis focused on the understanding of the human anatomical structure. Three class discussions and one three hour laboratory each week. Prerequisite: BI170. Additional course fee. (Fall/Odd Years)
BI263/L  Genetics  4 credits
The course serves as an introduction to principles of Mendelian inheritance and molecular genetics. Emphasis will be on developing the skills of genetic analysis as well as an understanding of basic principles. Three class discussions and one three-hour laboratory each week. Prerequisite: BI170. (Fall)

BI280/L  Human Physiology  5 credits
This course is designed for majors to study the structure, function, and interrelatedness of selected human systems. Emphasis is placed on the phenomenon of biological organization from the molecular level through the organ system level. Four class discussions and one three-hour laboratory each week. Prerequisites: BI110 and BI170. (Spring/Even Years)

BI320/L  Botany  4 credits
The study of major biological principles including origins, cellular and tissue structure and function, development, growth, and organization as applied to plants. A survey approach is utilized to introduce the student to bacteria, fungi, photosynthetic protists, and the plant kingdom. The departmental service project is included in this course. Students who transfer Botany into Sterling College will take a 1-credit independent study to fulfill this requirement. Three class sessions and one three-hour lab each week. Prerequisite: BI170. (Spring/Odd Years)

BI344/L  Microbiology  5 credits
General consideration of bacterial anatomy and physiology: viruses, disease, and the immunological response. Cellular biochemistry will be emphasized. Four class discussions and one three-hour laboratory each week. Prerequisites: BI170, BI263, and CH151 or CH110. (Spring/Even Years)

BI350/L  Cell, Molecular, and Developmental Biology  4 credits
This course covers molecular level cell structure and functions of organelles. Emphasis is placed on ultra structure, organization and function of cellular organelles, and the regulation of selected cell activities. Cell cycle related topics are covered in detail. Certain signal transduction models are also covered by introduction of current papers from selected scientific journals. Prerequisites: BI110 or BI170, and BI263. (Spring/Even Years)
BI360/L  Ecology  4 credits
The course is a study of the biotic and abiotic factors that affect the distribution and abundance of plants and animals. Three class discussions and one three-hour laboratory each week. Prerequisite: BI170. (As announced.)

BI370  Immunology  3 credits
An introductory course in immunobiology and immunochemistry. Major topics include the genetics of the immune system, adaptive and innate immune responses, and current issues in immunotherapeutic and the immune system in human diseases. Prerequisites: BI263 and one course in Organic Chemistry. (Spring/Odd Years)

BI380/L Wildlife Management  4 credits
This course will introduce students to scientific principles of wildlife ecology, conservation, and management. Topics include basic ecological principles, population dynamics, harvest management, and wildlife-habitat relationships. Wildlife conservation, management techniques, and ethical issues will also be discussed. Three class sessions and one three-hour laboratory each week. Prerequisite: BI125 or BI360.

BI393  Internship in Biology  1-3 credits
Internships in biology allow for credit to be given to the student acquiring practical training and experiences in a variety of biology-related occupations such as summer work in a biotechnology laboratory, the shadowing of a physician, veterinarian, physical therapist, etc., or the preparing and teaching of selected biology laboratory experiences within the department. Each program will be designed to fit the individual student’s needs and plans. One unit of credit is awarded for an approximate 40 contact hours of experience with a maximum of three credits possible. Prerequisites: minimum of 16 credits in biology and chemistry.

BI394  Directed Readings in Biology  1-2 credits
Individual study programs designed to remove a specific deficiency in a student’s academic program. Prerequisite: consent of instructor.

BI395  Independent Study  1-3 credits
Independent research in which the student utilizes scientific methods to solve a biological problem. Highly recommended for students who plan to apply for graduate school. This work may be incorporated into the senior science report.
Prerequisites: minimum of 16 credits in biology and chemistry and instructor consent.

**BI440**  **Topics in Biology**  **1-3 credit**  
This course is designed to expose students to various topics in the Biological, Health, and Medical Sciences. Prerequisites: minimum of 16 credits in biology and chemistry and instructor consent.

**BI441**  **Biological Research**  **1-3 credits**  
This course is designed to enhance the student’s knowledge through lab experiences and an on- or off-campus research project under Biology Department supervision. Students are expected to produce tangible outcomes from actual laboratory experiments. Prerequisites: minimum of 16 credits in biology and chemistry and instructor consent.

**BI498**  **Senior Seminar I - Library Techniques**  **1 credit**  
Following a seminar format, contemporary and ethical issues in the biological sciences will be reviewed and discussed. Also, a study of the bibliographic resources available to gain access to the technical literature of science will be conducted. Each student will compile an annotated bibliography on a selected topic from the primary and secondary literature. Prerequisite: Senior standing in biology. (Fall)

**BI499**  **Senior Seminar II - Senior Science Report**  **1 credit**  
Development of oral and written skills needed for presenting a technical scientific report. Each student will write a technical review paper on a selected topic and present their topic in a seminar forum to a jury of their peers and invited guests. Prerequisite: BI498. (Writing Intensive) (Spring)

**BEHAVIORAL SCIENCE COURSES**

**BS115**  **Principles of Sociology**  **3 credits**  
This course presents the sociological perspective to answering questions about behavior. Emphasis is given to the importance of patterns of social organization and the meaning these patterns have for individual and social life. (Spring)

**BS125**  **General Psychology**  **3 credits**  
This course presents the psychological perspective to answering questions about behavior. The roles of our physical makeup, experiences, and how these factors
work together to help explain the mind and normal and abnormal behavior are considered. (Fall/Spring)

BS131 Self and Society 3 credits
This course weaves together lessons from psychology and sociology in ways that prepare students for effective participation in society. Psychology lessons include basic reading and principles from neurobiology, sensory and perceptual processes, memory, cognition, learning, unconscious influence, and social psychology. Sociology lessons expand understanding of bias, expose students to different cultures including global inequalities, sensitize them to influences of social institutions, and explore hidden explanations of behavior.

BS160 Social Inequality Field Trip 3 credits
Students spend one week on campus learning background information about Central America including its history of colonialism, its export economics, its political volatility and the resulting wealth inequality. Students then travel for 2 weeks in Central America to experience the extant inequality. The class participates in reciprocal development projects with local people. Each student selects a topic for further exploration through interviews with Latin American people. (Interterm)

BS196 Statistics for the Behavioral Sciences 3 credits
This course provides a foundation for statistics as used in psychology and sociology. It introduces descriptive statistics, the logic of hypothesis-testing and inference, and the basic parametric and nonparametric tests used in the discipline. It includes instruction in computer analysis of data. Prerequisite: MA110 or qualifying score. (Fall)

BS225 Developmental Psychology 3 credits
This course covers life span development beginning with the genetic endowment at conception and continuing through old age. Particular attention is given to cognitive development. Prerequisite: BS125. (Fall)

BS242 Industrial/Organizational Psychology 3 credits
Industrial/organizational psychology is the attempt to increase organizational effectiveness and individual well-being by the application of psychological principles and methods to the world of work. This course surveys the theoretical and empirical foundations of various strategies used to improve such factors as employee selection and placement, performance appraisal, job attitudes, work
motivation, leadership, job design, organizational culture, and work environment. (Fall/Even Years)

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BS261</td>
<td>Social Psychology</td>
<td>3</td>
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<td></td>
<td>This course presents a review of scientific study of group processes and how they influence an individual. The effects of groups, societies, and cultures on personality and behavior will be examined. Prerequisite: BS125. (Spring)</td>
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<tr>
<td>BS265</td>
<td>Psychological Testing</td>
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<td>This course introduces students to the history and current practice of psychological testing. Students consider the appropriate role of psychological testing in modern society. A major goal of the course is to enable behavioral scientists and educators to become intelligent users of psychological tests. Prerequisites: BS196 and BS225, or consent of the instructor. (Fall/Odd Years)</td>
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<tr>
<td>BS270</td>
<td>Theories of Counseling</td>
<td>3</td>
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<td>This course introduces students to several of the major psychotherapies. The introduction includes a review of assumptions about personality made by each of the therapeutic schools and the techniques they typically use. Students have the opportunity to find a therapeutic style that fits them and “practice” their style in role-playing situations. The course covers psychodynamic, behavioral, and non-directive approaches. Prerequisites: BS125; BS225 is highly recommended. (Fall/Odd Years)</td>
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<tr>
<td>BS289</td>
<td>Topics in Behavioral Science</td>
<td>1-3</td>
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<td>This course is designed to expose students to various topics in the Behavioral Sciences.</td>
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<tr>
<td>BS290</td>
<td>Behavioral Science Practicum</td>
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<td>This course involves the student in work with a cooperating agency. This opportunity allows students to experience occupations related to the helping professions and to bridge the academic and work worlds. Campus training and supervision as well as on-site training and supervision are required. Prerequisites: BS225 and consent of department faculty. (Spring)</td>
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<tr>
<td>BS295</td>
<td>Behavioral Science Research Methods</td>
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<td>This course investigates the methods used to collect information about behavior. It covers field study, correlation, and experimental techniques. Students learn to</td>
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evaluate data based on descriptive statistics and inferential procedures as well as the basics of scientific report writing. Prerequisites: BS125, BS196, and MA110. (Spring)

**BS325 History and Philosophy in Psychology** 3 credits
This course traces the development of ideas about human behavior which culminated in the formal establishment of psychology as a discipline. Early developments within the formal discipline will also be reviewed. Prerequisites: BS225 and BS295, or instructor consent.

**BS345 Biological Foundations of Behavior** 4 credits
This course presents biological principles which are important to behavior and covers aspects of comparative and physiological psychology. Specific topics include principles of physiological analysis, structures and functions of the nervous system, and neurophysiologic correlates of behavior patterns. The lab includes investigations of neuroanatomy and examination of methods used to investigate brain-behavior relationships. Students must complete lab and research reports. Prerequisites: BS225 and BS295, or consent of the instructor. (Writing Intensive) (Spring/Even Years)

**BS350 Cognitive Psychology** 3 credits
This course surveys classic and current approaches to the scientific study of human thought. The cognitive processes involved in memory, information processing, language, attention, reasoning and problem solving, as well as human perceptual experience and consciousness, will be explored. Emphasis will be placed on understanding current scientific models, concepts and theories in light of their historical antecedents. Prerequisite: BS295. (Fall/Even Years)

**BS365 Learning Theory** 4 credits
This course presents principles and theories of learning. Topics include the historical development of classical and operant conditioning and theories to account for these phenomena. Students also consider limits to learning and applications of learning principles. Students must complete lab and research reports. Prerequisites: BS225 and BS295, or consent of the instructor. (Writing Intensive) (Spring/Odd Years)
BS385  Abnormal Psychology  3 credits
In this course students examine the classification, causes, prevention, and treatment of abnormal behaviors. Students will read and synthesize primary source literature. Prerequisites: BS225 and BS295, or consent of the instructor. (Spring/Even Years)

BS386  Theories of Personality  3 credits
In this course students examine the components and structure of personality as seen by major personality theorists. Students will read and synthesize primary source literature. Prerequisites: BS225 and BS295, or consent of the instructor. (Spring/Odd Years)

BS397  Independent Study  1-3 credits
Qualified department majors investigate a problem of interest that arises from previous course work. The original research may be field, lab, or library oriented. In any case, an evaluation of the literature and work toward a formal research paper are required. Prerequisites: Junior or senior standing, 3.0 overall GPA, and consent of instructor.

BS440  Research Experience  3 credits
Research Experience provides advanced students a practical application course related to scientific practice. Students build on their understanding of research design and data analysis to collect relevant background information for conducting a project and create a design that isolates relevant variables and controls conditions in ways that make conclusions reliable and valid. Students will complete a research paper describing the project that meets requirements and the APA Publication Manual. Prerequisites: BS295 and one writing intensive course. (Fall)

BS489  Topics in Behavioral Science  1-3 credits
This course is designed to expose students to advanced study of various topics in the Behavioral Sciences.

BS490  Service Seminar  2 credits
This course reviews professional expectations about using one’s skills to serve the community and provides students the opportunity to reflect on their service assignments. Each student will identify a voluntary service opportunity and conduct that voluntary service throughout the seminar. Prerequisite: Junior or senior standing. (Fall)
BUSINESS COURSES

BU102 Strategies for Success: Intro to the Workplace 2 credits
The course is an introduction of foundational business concepts along with a study of successful academic, professional, and life strategies. (Fall)

BU103 Economics 3 credits
This course surveys foundational economic theory focusing on introductory microeconomic and macroeconomic concepts. Focus will be put on the application of the theory to business situations. (Fall/Spring)

BU140 Business Communication 2 credits
Students will study, practice, and analyze professional communication situations including common business etiquette scenarios, as well as oral communication skills needed in the workplace. (Fall)

BU190 Personal Finance 3 credits
Looks at the principles and practices involved in successful personal finance and how to organize and manage one’s finances. It takes an in-depth look at consumer spending vs. investing decisions, developing budgets, estate planning, and typical consumer problems. (Fall)

BU200 Macroeconomics 3 credits
This course discusses a macroeconomic view and analysis of the economic environment – how markets organize economic behavior with an emphasis on the dynamics of national income and monetary and fiscal policy. (Fall/Odd Years)

BU201 Microeconomics 3 credits
The course covers a microeconomic analysis with an emphasis on the theory of organizational and consumer behavior and the role of government in the economy. Topics addressed are: resource allocation, output determination, production theory, and income distribution. (Spring/Odd Years)

BU209 Financial Accounting 3 credits
A study of financial accounting including: balance sheet, income statement, principles of double entry accounting, year-end closing process, depreciation methods, as well as the analysis and interpretation of financial statements. (Fall)
BU210 Managerial Accounting 3 credits
Managerial accounting provides useful financial data for management decisions and has a variety of applications, including planning, controlling, and product/service costing. Prerequisite: BU209. (Spring)

BU225 E-Commerce 3 credits
This course focuses on the linkage between organizational strategy and networked information technologies to implement a rich variety of business models in the national and global contexts connecting individuals, businesses, governments, and other organizations to each other. The course provides an introduction to e-business strategy and the development and architecture of e-business solutions and their components. Prerequisite: CS110. (Interterm)

BU239/339/439 Special Topics 1-3 credits
For business related topics not offered in the curriculum. Prerequisite: permission of Department Chair.

BU240 Business Law 3 credits
This course begins with a survey of the basic institutions and general principles of law and then moves on to topics such as agency contracts, sales, and secured transactions as governed by the UCC, litigation, the judicial process, dispute resolution, and preventative law. (Fall)

BU256 Business Writing 2 credits
Analysis and practice of the various forms of written business communications. (Writing Intensive) (Spring)

BU272 Financial Management for Social Entrepreneurs 3 credits
Study and practice of fundamental financial concepts pertaining to social entrepreneurship. (Fall/Odd Years)

BU286 Teamwork 2 credits
Study and application of teamwork concepts and practices with focus on the application of the concepts to workplace situations. (Spring)

BU302 Business Computing 3 credits
Students will study and practice advanced computing techniques using software common to the workplace. Most of this course will be online. (Interterm)
BU309  Financial Accounting II  3 credits
The course develops previously established concepts of assets, liabilities, investments, cash flows, financial statement analysis, time value of money, and payroll accounting. Prerequisites: BU209 and BU210.

BU311  Cost Accounting  3 credits
A study of the theory and techniques used to conduct cost based analysis. Included in the course is an examination of profit and loss concepts, fundamental cost accounting techniques, and cost based managerial decision making. Prerequisites: BU209 and BU210.

BU326  Marketing  3 credits
Studies the four classic functions of the marketing mix process and their application – including an analysis of the marketing mix, target market, segmentation, market research, product/service development, packaging, pricing, advertising, media and promotion. (Spring)

BU329  Critical Thinking and Problem Solving  2 credits
Students will learn the skills needed to critically analyze situations and address scenarios requiring problem solving skills. (Writing Intensive) (Spring)

BU331  Entrepreneurship  3 credits
The course is an introduction to the essential knowledge and skills of entrepreneurship, while focusing on the planning, management, marketing, financing, and operating entrepreneurial enterprises. (Writing Intensive) (Fall)

BU334  Social Entrepreneurship  3 credits
Focuses on the role social entrepreneurs play in contemporary society, economy and community as change agents while exercising accountability. Particular attention is given to mission as it relates to continuous innovation, adaptation, and learning. (Spring/Even Years)

BU338  Management Leadership  3 credits
This course is a study and analysis of management and leadership techniques. Christian concepts will be integrated throughout the course. (Spring)
BU341  Free Enterprise and Capitalism 3 credits
This course introduces the concepts of capitalism and the free enterprise system. It explores the merits of a free society, intellectual freedom, economic freedom, the capitalistic economic structure, and the role of governments in economic systems. (Fall/Odd Years)

BU343  Capitalism throughout the World (Past and Present) 3 credits
The course explores the historic development and implementation of capitalism throughout the world. Students are exposed to different models of capitalism, and will explore the merits of each. The impact of globalization on capitalism is also explored. (Fall, Even Years)

BU347  Economic Ethics 3 credits
This course explores the interrelationship between economics and ethics. Areas of focus include egoism, economic systems, governmental control, and the study of capitalism as a moral science. (Spring/Odd Years)

BU350  Practicum (Marketing) 3 credits
Students will design and present a complete marketing plan for a prospective new business. (Fall/Even Years)

BU351  Practicum (HR/Business Law) 3 credits
Students will analyze a prospective new business from an HR/law perspective, and provide implementation and action plans based on the analysis. (Spring/Even Years)

BU352  Practicum (Information Technology) 3 credits
Students will design and present a comprehensive IT plan for a prospective new business. (Spring/Odd Years)

BU354  Accounting Information Systems 3 credits
This course explores the role of information systems in executing the objectives of managerial accounting, financial accounting, auditing, and tax accounting. Prerequisites: BU209 and BU210. (Fall/Even Years)

BU356  International Business 3 credits
Explores the global marketplace and how international and multinational business is conducted. It approaches the subject from an environmental perspective by
studying the extrinsic uncontrollable forces (competitive, distributive, economic, socioeconomic, financial, legal, physical, political, socio-cultural, and labor), and how they affect domestic, foreign, and global business practices. (Spring/Even Years)

BU362 Ethics in Business 3 credits
Students learn to apply ethical concepts to business situations. Foundational Christian concepts and beliefs will be incorporated into the business situations as well. (Fall)

BU365 Organizational Behavior 3 credits
Examines the complex interaction between all parties in an organization. (Spring)

BU366 Organizational Change 3 credits
The course focuses on the analysis and application of change concepts focusing on transition and transformation within organizations. (Fall)

BU367 Organizational Leadership 3 credits
Students study the application of leadership techniques with focus on motivation, problem solving, conflict resolution, and teamwork.

BU372 Non-profit Development and Fundraising 3 credits
Analysis and study of concepts related to the financial advancement and development of non-profit organizations. (Spring/Odd Years)

BU395 Independent Study 1-3 credits
This course provides an opportunity to conduct in-depth research in a business area of interest. A formal proposal must be submitted to the Dept. of Business and approved by the independent study overseer/mentor and department chair. Upon completing the independent study, a formal presentation as well as a comprehensive paper in MLA, APA, Turabian, or agreed upon style will be required. Prerequisites: Junior or senior Business Administration standing and Department Chair approval.

BU402 International Economics and Finance 3 credits
This course examines international trade, finance, and economic integration as it relates to international trade theory, banking, and foreign exchange, as well as import-export and balance of trade.
BU410  Practicum (Project Feasibility)  3 credits
Students will conduct and present a feasibility analysis of a prospective new business. (Fall/Even Years)

BU411  Financial Accounting III  3 credits
This course covers owners’ equity, income tax, investments, pensions, annuities, and derivatives. Prerequisite: BU309. (Spring/Even Years)

BU415  Auditing Principles  3 credits
The course serves as an introduction to auditing concepts through an examination of internal and external auditing concepts. Prerequisite: BU309. (Spring/Odd Years)

BU417  Finance  3 credits
This course focuses on the study and practice of fundamental financial concepts including investment, portfolio management, financial institutions, and the role of finance in decision making processes. (Spring)

BU420  Advanced Marketing  3 credits
The class focuses on the application of the principles from the Marketing course into a marketing plan. Students will also assess and analyze marketing situations from multiple perspectives. Prerequisite: BU326. (Fall/Even Years)

BU421  Human Resource Management  3 credits
This course looks at the role that HR plays in organizations – including staffing, training and development, benefits selection, motivation, and creating a productive work environment. Labor relations together with labor law and related issues are also discussed.

BU422  Operations Management  3 credits
Students will study the world of operations management and problem-solving while learning about the relevance and application of quality management tools. Focuses on the ongoing developments of analytical and strategic thinking. Prerequisite: MA240. (Spring)

BU425  Non-Profit Management and Leadership  3 credits
Financial management is treated as an act of stewardship where everyone in the organization is responsible for the way resources and funds are used. Appropriate
ways to carry out these tasks coupled with reporting and how to bring about organizational growth is addressed. (Fall/Even Years)

**BU427 Advertising and Promotion** 3 credits
Explores the creative and strategic thinking, methods, and applications involved in advertising media (TV, radio, print, internet, and consumer promotions), and the development of effective and efficient advertising media and promotion plans.

**BU428 Sales and Customer Service** 3 credits
A practical course that looks into the theory and art (application) of professional sales and sales management, as well as why effective and efficient customer service practices are critical. (Fall/Even Years)

**BU430 Practicum (Business Plan)** 3 credits
Students will compose and present a comprehensive business plan for a prospective new business. (Fall/ Odd Years)

**BU431 Entrepreneurship II** 3 credits
Application of principles studied in Entrepreneurship I into a business plan and feasibility study. Prerequisite: BU331. (Spring/Even Years)

**BU435 Practicum (Operations)** 3 credits
Students will design and present a comprehensive operational design and implementation plan for a prospective new business. (Fall/Odd Years)

**BU441 Capitalism and the American Way** 3 credits
This course explores the role of capitalism in the formation, history, and development of the United States. Specific topics covered include property and contract rights, government policy, banking, division of labor, competition, and monetary policy. (Spring/Even Years)

**BU447 Christianity and Economics** 3 credits
This course explores the relationship between Christianity and economic principles including the role of government, debt, property rights, taxes, and distribution of funds. Specific attention is paid to the Biblical basis of various economic systems. (Spring/Odd Years)
BU450  Federal Income Taxation  3 credits
This course offers an introduction to federal taxation. The course will cover taxable income, applicable tax laws, and corporate taxation. Prerequisite: BU209. (Spring/Odd Years)

BU493  Business Internship - Work Experience  1-3 credits
This course allows students to gain professional work experience in an area of business administration. The internship experience must create a new learning environment for the student—preferably in an area in which they intend to seek employment upon graduation. A formal internship proposal form (available in the Dept. of Business) must be filled out and submitted/approved by the Dept. of Business before embarking on the internship. The Pass/Fail grade will be determined by the supervising professor on the basis of one or more of the following: a journal, a portfolio, written and oral reports, and employer evaluation. Prerequisites: Recommendation of department faculty and prior approval of sponsoring organization.

BU497  Business Plan  3 credits
The entrepreneurship concentration ends with preparing a business plan. All the courses in the module are required to develop this strategic tool. This undertaking will be instrumental in learning and experiencing what is involved in preparing a business plan as well as starting and maintaining a business.

BU498  Social Entrepreneurship Practicum  3 credits
This experience takes place in a non-profit social service organization. Depending on the experience hours accumulated (50 hours = 1cr), this course may be repeated with different social service organizations to gain a wider breadth of knowledge. Journalizing the experience and ultimately writing a definitive paper that analyzes and describes how social entrepreneurship knowledge and skills are applied to accomplishing the organization’s mission is required. The student, the internship organization, and professor will prepare a contract that outlines the goals and responsibilities of the internship. Prerequisites: Have completed/nearly completed the Social Entrepreneurship concentration and approval of the instructor. (Spring/Odd Years)

BU499  Business Policy  3 credits
This course marks the culmination of the Business Administration program. It presents business administration majors the opportunity to integrate the knowledge
gained from the business and interdisciplinary liberal arts curriculum as pieces of a puzzle that come together to provide a gestalt business experience. Students grouped into cross-functional consultant teams implement knowledge and strategic management to analyze, troubleshoot, and make organizational recommendations. Prerequisites: senior standing or permission of Department Chair. (Writing Intensive) (Spring)

**CHEMISTRY COURSES**

**CH110 Introductory General Chemistry** 3 credits
This one-semester course covers some of the more important aspects of general chemistry. (Spring/Odd Years)

**CH151/L General Chemistry I** 5 credits
This course covers the fundamental laws and principles of chemistry. There are four lectures and one 3-hour laboratory period per week. (Fall)

**CH152/L General Chemistry II** 5 credits
This is a continuation of CH151 with four lectures and one three-hour laboratory period per week. Prerequisite: CH151 with a grade of C- or better or consent of instructor. (Spring)

**CH232/L Introductory Organic Chemistry** 4 credits
This course covers the more important aspects of organic chemistry. There are three lectures and one 3 hour laboratory period each week. Prerequisite: CH110 or CH152 with a grade of C- or better or consent of the instructor. (Fall/Odd Years)

**CH255/L Quantitative Analysis** 5 credits
This course covers volumetric, gravimetric, and spectrometric analysis, including fundamental principles and standard methods of procedure. There are three lectures and two 3-hour laboratories per week. Prerequisite: CH152 with a grade of C- or better or consent of the instructor. (Spring/Even Years)

**CH261/L Organic Chemistry I** 5 credits
The course focuses on the chemistry of carbon-containing compounds. There are three lectures and two 3-hour laboratory periods per week. Prerequisite: CH152 with a grade of C- or better or consent of instructor. (Fall/Even Years)
CH262/L Organic Chemistry II  5 credits
This is a continuation of CH261. There are three lectures and two 3-hour laboratory periods per week. Prerequisite: CH261 with a grade of C- or better, or consent of instructor. (Spring/Odd Years)

CH265 Biochemistry  3 credits
This course covers several major metabolic pathways and the structure and function of major categories of biological molecules. Prerequisite: CH232 or CH262 with a grade of C- or better or consent of the instructor. (Spring/Even Years)

CH289 Topics in Chemistry  1-3 credits
This course is designed to expose students to various topics in the field of Chemistry.

CH380 Physical Chemistry  3 credits
This course is a one-semester survey of physical chemistry addressing the topics of thermodynamics, kinetics, atomic/molecular structure, and spectroscopy. While mathematical foundations will be addressed, emphasis will be on applications of the concepts (for example, to biological systems). Prerequisites: CH152, MA210, PH210-211, PH220-221.

CH489 Topics in Chemistry  1-3 credits
This course is designed to expose students to advanced study of various topics in the field of Chemistry.

CH498 Senior Seminar I - Library Techniques  1 credit
Following a seminar format, contemporary and ethical issues in the biological and chemical sciences will be reviewed and discussed. Also, a study of the bibliographic resources available to gain access to the technical literature of science will be conducted. Each student will compile an annotated bibliography on a selected topic from the primary and secondary literature. Prerequisite: Senior standing in chemistry. (Fall)

CH499 Senior Seminar II - Senior Science Report  1 credit
Development of oral and written skills needed for presenting a technical scientific report. Each student will write a technical review paper on a selected topic and
present their topic in a seminar forum to a jury of their peers and invited guests. Prerequisite: CH498. (Writing Intensive) (Spring)

COMMUNICATION AND MEDIA COURSES

CM101 Public Speaking 3 credits
This course emphasizes the development of skills needed to successfully speak in public situations. These skills include audience analysis, listening, research, organization, and the performance of original speeches. Students will study and present speeches to inform and persuade. They also have an opportunity to experience and analyze group function and oral presentation as a group member. Meets general education requirement with a grade of C- or higher.

CM105 Introduction to Film Studies 3 credits
This course serves as an introduction to concepts and critical tools that help to pry meaning from cinema. Students will view, discuss, analyze, and ultimately critically interpret or evaluate a variety of films. (Fall)

CM150 Debate/Forensics Laboratory 1 credit
Students receive credit for participation in the intercollegiate forensics and debate teams. It requires a minimum of 30 hours of participation and may be repeated for a maximum of four credits, one of which must be service related.

CM150D Debate Laboratory
This course involves instruction, practice, and intercollegiate competition in Parliamentary and/or Lincoln-Douglas Debate through the department’s membership in the National Forensics Association and the National Parliamentary Debate Association. Students will apply argumentation theory, research, and critical thinking. Candidates for teacher licensure must participate in both types of debate. Enrollment is by audition or consent of instructor.

CM150DS Debate Laboratory – Service
This course involves instruction, judging, and evaluating policy, Lincoln-Douglas and congressional style debates through service leadership in assisting with coaching, judging, and scheduling and/or administration of tournaments at the high school or collegiate level. Students will apply argumentation theory, research, and critical thinking. Prerequisite: CS150D and/or consent of instructor.
CM150F  Forensics Laboratory
Participation in intercollegiate individual events: Persuasive, Informative, Extemporaneous, Impromptu, and After Dinner Speaking; Dramatic Interpretation, Duo Interpretation, Communication Analysis, Prose, Poetry, and Program of Oral Interpretation. Candidates for teacher licensure must participate in both speaking events and interpretive events. Enrollment is by audition or consent of instructor.

CM150FS  Forensics Laboratory – Service
Upper-level majors employ their skills in competitive speaking and interpretation in service leadership to the community. Students will assist local high school and/or collegiate coaches in preparing students, attending and judging competitions, and assisting in tournament management. Prerequisite: CS150F and/or consent of instructor.

CM153S  Media Service Laboratory  1 credit
This course provides credit for participation in media production. Student contracts with professor for responsibilities, expectations, reporting, and evaluation. Options in four areas are available as noted below.

CM153JS  Mass Media Lab – Print Journalism
This lab provides newsroom experience for students desiring to work for the STIR and develop skills as reporter/journalist. Prerequisite: CM209.

CM153PRS  Mass Media Lab – Public Relations
For students interested in developing skills in public relations with an emphasis on gaining practical use through planning, research, action, communication, and evaluation.

CM153RS  Mass Media Lab - Radio
The course provides a workshop/lab for broadcasting. Participants are involved with radio as deejays, announcers, show hosts, writers, producers, reporters, directors and technical operators. Students are strongly encouraged to assume multiple positions.

CM153VS  Mass Media Lab – Video
Students gain experience working with news broadcasting and creative video productions. Students develop skills in planning, shooting, editing video for
productions distributed throughout the campus community and beyond.
Student interns work with television production. Prerequisite: CM209 or
CM247.

**CM207  Mass Media, Self, and Society  3 credits**
Survey of development and current state of mass media industries including print
media, broadcasting, film, and developing computer based media. Domestic and
international perspectives on the mass media are explored with an emphasis on the
political, economic, and social significance of mass media. Possible career
opportunities are also presented. (Spring)

**CM209  Mass Media Writing  3 credits**
This course is an introduction to various media writing formats, techniques, and
styles. Students will write journalism-oriented print stories for the web and a short
broadcast documentary package. Commercial ads and PSA scripting will also be
explored. Students will learn how to develop a silent short film script for future
production potential. (Fall/Odd)

**CM247  Introduction to Cinema Production  3 credits**
This course gives students a hands-on immersion in visual storytelling with an
emphasis on single camera technique. Students will become familiar with digital
cinematography, lighting, audio for video/film, and non-linear editing. Multiple-
camera technique is introduced for comparative purposes and exposure. Several
short projects for the "Sterling Festival of Films" are required. (Spring)

**CM257  Audio Production  3 credits**
This course presents a survey of the principles and technical possibilities of digital
audio in today's Media industries. In addition to exploring the science of sound,
students will use mixing, recording, and digital editing equipment for a live event as
well as to create music mixes, radio spots, and sound for film productions.
Emphasis is on communicating a creative and technically excellent message.
(Spring)

**CM263  Interpersonal Communication  3 credits**
Theories, research, and practice in one-to-one communication relationships
including the topics of perception, listening, non-verbal communication, conflict
management, and relationship development and maintenance. (Spring/Odd Years)
CM289  Topics in Communication  3 credits
This course is designed to expose students to various topics in Communication and Media.

CM309  Script Writing  3 credits
This course focuses on the development of screenplays for both short film narratives and television production. Students will examine dramatic structure, dialogue, and characterization while completing scripts with the potential for use in SC’s annual film festival. (Fall/Even)

CM311  Print Journalism  3 credits
This course explores journalistic writing and introduces students to advanced research and interviewing methods, building on skills introduced in CM209. The course requires extensive journalistic writing primarily in the areas of opinion, feature, and in-depth writing. Prerequisite: CM209. (Spring)

CM319  Broadcast News  3 credits
A focused examination and application of the principles of broadcast journalism. This includes broadcast news and sports news writing, broadcast videography, and Internet-distributed video news production. Students participate in a student-focused television news show by creating breaking news and feature videos to be broadcast online. Students will also create a demo DVD from projects. Prerequisite: CM209 or CM247.

CM336  Principles of Public Relations  3 credits
This course is a study of the working world of public relations. Organizing, planning, writing and constructing news releases, event planning, product and image promotion will be covered in this course. Attention will also be paid to internal communication, corporate communication and media relations. (Spring/Odd)

CM340  Argumentation and Debate  3 credits
This course presents a historical and critical analysis of the modes of argumentation, with special emphasis upon the fundamental principles of persuasion and debate. It is designed to improve critical thinking, evaluation of evidence and logic, and advocacy for a cause. Prerequisite: CM101. (Fall/Even Years)
CM344  Theories of Human Communication  3 credits
This course is an overview of current theory and research in the major subfields of human communication. Significant studies and research advances in the context of interpersonal, group, and organizational mass communication. Focus on the physical tools and operations that humans use to communicate, the contexts of communication, and the communication research process. Prerequisite: CM207. (Writing Intensive) (Spring/Odd Years)

CM345  Rhetorical Criticism  3 credits
This course will examine the basic concepts, theories, and processes involved in rhetorical criticism, reflecting on our exposure to all forms of communication, and focusing on analysis of societal messages from a rhetorical and critical perspective allowing for heightened awareness of the importance of criticism in today's society. Prerequisite: CM101. (Writing Intensive) (Fall/Even)

CM347  Editing and Post Production  3 credits
Students will explore editing aesthetics and applications in cinema creation. Emphasis is given to the creation of found footage trailer mash ups, cartoon music videos, and motion graphic techniques. Students will create and edit short film scenes to practice knowledge of editing and post production techniques. Prerequisite: CM247. (Interterm)

CM350  Multiple Camera Live Production  3 credits
An exploration of multi-camera live event production processes, techniques, and personnel. Students will work in a studio setting and on-location, planning and producing programs, functioning together as a production team. Prerequisite: CM247. (Fall/Odd)

CM356  Web Design  3 credits
This course will provide foundational principles for web design. Students will explore various options available to create and maintain content on the web. Students will become familiar with the basics of HTML, CSS, and Dreamweaver, and have the ability to create web pages using a variety of methods. (Fall/Even)

CM360  Directed Readings in Communication  1-3 credits
For majors or minors only by arrangement with department.
CM364  Small Group Communication  3 credits
This course offers an overview of the basic theory, concepts, and research in small group processes as well as select applications to education, law, politics, and business. (As announced)

CM365  Gendered/Intercultural Communication  3 credits
This course is an examination of the inextricable link between communication, gender, and culture and how expectations regarding gender, sex, and culture impact our choice of language and our construction of reality as well as the inverse. Students will discover how language conveys specific sexual and/or cultural messages, how men and women chose to use language, and how we perceive or expect differences between genders and cultures. (Spring/Even Years)

CM366  Organizational Communication  3 credits
An introduction to theory, research, and applied practice in the study of communication within an organizational setting, examining socialization, decision making, conflict, stress and burnout, cultural diversity, and external communication. Determining the uniquely distinct role communication plays in the workplace/organization is a primary endeavor. (Fall/Odd Years)

CM380  Independent Study  1-3 credits

CM443  Media Law and Ethics  3 credits
This course offers an overview of historical and current developments in mass media law and regulation. Significant attention is also placed on increasing students’ ability to decipher ethical issues from cases in today’s media environment using information and rationale based on material presented during this course. Prerequisites: CM207 and CM209, or instructor permission. (Spring/Even)

CM447  Producing and Directing Cinema  3 credits
This is an applied course in cinema directing and producing. Students work in various positions during preproduction, production, and postproduction stages of original, short narrative projects. These projects are earmarked for festival competitions including the "Sterling Festival of Films." Prerequisite: CM347. (Fall/Even)
CM485 Practicum in Communication 3 credits
Offers students supervised experience working in professional settings in broadcasting, news reporting, publishing houses, media production companies, or similar communications related entities. The student, department, and cooperating agency contract for area of responsibility, supervision details, and on-going and final evaluation. (Each semester)

CM489 Topics in Communication 3 credits
This course is designed to expose students to advanced study of various topics in Communication and Media.

CM490 Senior Project 3 credits
Performance or research projects in communications, media, and public speaking. (Each semester)

CM495 Communication Arts Senior Seminar 1 credit
Students are prepared to enter the working world of communication by organizing and constructing a resume and cover letter, putting together a portfolio/resume video and going through the application and interviewing process. Students will also deal with contemporary work problems and may work with a mentor.
Prerequisite: Juniors intending on graduate school and graduating seniors. (Spring)

COMPUTER SCIENCE COURSES

CS101 Introduction to Computers 2 credits
This course is a conceptual overview of computers and their use, with an introduction to popular computer systems and applications software. Topics include computer history, introduction to basic hardware components, system and application software, data communications, and the impact of computers on today’s society. This course enhances the students’ use of computer services offered at Sterling College.

CS110 Foundations of CIS 3 credits
This course is an introduction to the discipline of Computer and Information Science. Topics include computer organization, data representation, operating systems, networks, programming, information systems, and social ethical issues.
CS150   CIS I   3 credits
This course is a study of problem solving and structured programming using a high level language. Topics include data representations, expressions, functions, selection and repetition control constructs, I/O, file manipulation, arrays, documentation, and debugging. Students will complete several programming projects. Prerequisite: grade of B- or higher in CS110 or permission of the instructor.

CS207   Information Systems Theory and Practice   3 credits
Systems theory, quality, decision-making, and the organizational role of information systems are introduced. Information technology including computing and telecommunications systems are stressed. Concepts of organizations, information systems growth, and process improvement are introduced. Prerequisite: CS101 or CS110.

CS250   CIS II   3 credits
A study of complex data structures utilizing algorithmic analysis and design criteria in the selection of methods for manipulation. The course is a continuation of programming including recursion, stacks, queues, and trees. Prerequisite: CS150. (Fall/Even Years)

EDUCATION COURSES
+Acceptance into STEP required.
*TB test needed

ED195   Introduction to Education   2 credits
An overview of the teaching profession and an examination of the role schools play in the fabric of American society. Coursework will include orientation to the Sterling College Teacher Education Program concept of the teacher as Servant Leader, portfolio design and expectations, education reform at the state and national level, and standards-based education. Emphasis will be placed on contemporary professional, ethical, and legal issues and problems facing American schools and the effect changes in American society have upon the purpose and areas of emphasis in American schools. (Fall/Spring)

ED201   Field Experience in Education*   2 credits
This course is designed to provide practical experience in developing classroom knowledge and skills that are essential to teaching. STEP's five goals based on
Danielson’s four domains of teaching are presented, discussed, and related to classroom observations. Course requirements include a minimum of thirty (30) clock hours of observation in schools with diverse populations. (Fall/Interterm/Spring)

**ED205 Cultural Diversity in Education* 2 credits**
This course focuses on the impacting factors of cultural diversity within an educational setting. Experiences are designed to examine critical elements of the educational process that are influenced by culture and to increase awareness, knowledge and skill in providing culturally responsive curriculum and instruction within a classroom setting. Off campus experiences are required. (Fall/Spring)

**ED206 Classroom Management 2 credits**
This class will provide teacher candidates with the knowledge and skills necessary to accomplish appropriate classroom management. Areas addressed will include: student motivation, behavior interventions, homework, grading, and parent/guardian communication. (Fall/Spring)

**ED219 Instruction and Assessment 4 credits**
In this course teacher candidates will develop and extend knowledge and skills in classroom instruction and assessment. Candidates will develop teacher-centered and student-centered lesson plans, and identify and design appropriate assessment tools. Unit planning and micro-teaching are integral components of the course. Prerequisite (or concurrent with): SE210 (Fall/Spring)

**ED272 Educational Psychology* 3 credits**
This course assists teacher candidates in applying theories and philosophies of child and adolescent development to the education process. Case studies will be discussed and assessed with Praxis scoring rubric. 15 hours of field experience required. (Fall/Spring)

**ED289 Topics in Education 1-3 credits**
This course is designed to expose students to various topics in Education.

**ED356 Technology in the Classroom 2 credits**
This course will explore the wide range of instructional applications of computer technology in K-12 classrooms. Students will learn to integrate and model good and innovative uses of current educational technology, facilitated by using the
computer as an administrative tool, by using technology as an information delivery medium to enhance communication as a source of information, and as a student productivity tool. Current technology issues and ISTE standards for teachers and students will also be addressed. Prerequisite: A basic understanding of computer operations and software applications. (Fall/Spring)

ED357  Reading and Writing in the Content Area**  3 credits
This class will allow teacher candidates an opportunity to plan a variety of strategies for teaching reading, vocabulary, and writing appropriate to content in grades 4-12; assess writing using the 6-trait Writing Assessment; integrate reading and writing within content areas and across the curriculum. 10 hour field experience required. Prerequisite: ED219. (Fall/Spring)

ED395  Independent Study in Education+  1-3 credits
Open to junior and senior education students. Student and professor agree upon topic/study (i.e. Readings in Education, Educational Assessment, etc.) and evaluation procedures. Requirements include 1000 pages of reading material, or equivalent involvement, for each hour of credit. Prerequisite: Approval of the STEP faculty.

ED400  KPTP Field Experience Lab*  1 credit
This lab is required for all majors receiving an education endorsement through the Sterling Teacher Education Program. All K-12 and 6-12 teacher candidates will complete at least 15 hours of field experience (or the hours designated by their major, whichever is greater) in their chosen endorsement area or major. Elementary Education majors will complete their lab during their Methods Block. Teacher candidates will design a minimum of two lessons which will be taught in their placement setting with evaluations from their host teacher. Using the demographics of the district/classroom students will complete Tasks 1 and 2 of the KPTP on a timeline scheduled by the college instructor as well as review and discuss Tasks 3 and 4 as they relate to the candidates’ Clinical Teaching Experience. A grade of C or higher in both the Methods and ED400 Lab is required to participate in Clinical Teaching Experience. Prerequisites: ED219 and acceptance to STEP.

ED406  Methods/Teaching Natural Science
in the Secondary School +  3 credits
This course is designed to provide the prospective teacher with knowledge and skills for teaching the natural sciences at the secondary level (Grades 6-12). Content
includes curriculum selection and design, safe laboratory management and operation, integration of curriculum, inclusionary practices, methods and modalities of teaching, assessment, classroom application of various forms of technology, and professional organizations. Micro-teaching, classroom observation, and group and self-evaluation are included. Concurrent with ED400. Prerequisite: ED219 (Spring)

ED415   Methods for Teaching English/Language Arts in the Secondary School + 3 credits
This course is designed to assist student teachers in becoming confident, effective professional educators in secondary level English (Grades 6-12). Students will become familiar with a variety of specific methods to use in teaching literature, composition, and language. Among topics to be considered will be: current trends in English curriculum development, the six-trait writing process, inclusionary practices, classroom organization, assessment, classroom application of various forms of technology, and professional organizations. Concurrent with ED400. Prerequisite: ED219 (Spring)

ED416   Methods for Teaching Speech and Theatre in the Secondary School + 3 credits
Students are required to apply speech and drama content to the techniques needed for effective secondary level (Grades 6-12) classroom teaching. Opportunities are provided for students to exercise their teaching skills in the areas of unit plans, daily lesson plans, teaching strategies, evaluation, assessment, classroom management, inclusion and different learning styles. Discussions of resource allocation, safety, classroom application of various forms of technology, and professional organizations are also included. Each student is encouraged to develop his/her personal philosophy of education and incorporate it in relation to integrity/ethics in the classroom and personal evaluation to maintain a sense of balance and growth. Concurrent with ED400. Prerequisite: ED219 (Spring)

ED440   Methods for Teaching Social and Behavioral Science in the Secondary School + 3 credits
This course is designed to prepare students for successful teaching at the secondary level (Grades 6-12) in both the social and behavioral sciences. Emphasis is placed on different approaches and practices of instruction planning and classroom management, selection and classroom application of various forms of technology, evaluation and questioning techniques, state assessments, research methods,
professional organizations and the inclusive classroom. Concurrent with ED400. Prerequisite: ED219. (Spring)

**ED467  Methods for Teaching Mathematics in the Secondary School +** 3 credits
This course is designed to provide the prospective secondary-level (Grades 6-12) mathematics teacher the methods of teaching contemporary mathematics content. Topics include methods of presentation, awareness of national mathematics organizations, the writing of unit/daily lesson plans, micro-teaching of a math lesson, selecting materials, inclusionary practices, classroom application of various forms of technology, and techniques of assessment. Concurrent with ED400. Prerequisite: ED219. (Spring)

**ED489  Topics in Education** 1-3 credits
This course is designed to expose students to advanced study of various topics in Education.

**ED490  Seminar in Education+** 1 credit
This course is required for all K-6, 6-12, and PreK-12 students. Students individually and collaboratively research and discuss major topics in education. Open to juniors and seniors, this course prepares teacher candidates for clinical teaching experience and subsequent employment. It is recommended this course be taken the semester prior to Clinical Teaching Experience. Prerequisite: Completion of all Level I professional education courses. (Writing Intensive) (Fall/Spring)

**ED497  Kansas Performance Teaching Portfolio+** 3 credits
This course is required for all majors receiving an education endorsement through the STEP. Candidates will design and teach a Kansas Performance Teaching Portfolio (KPTP) using district, school, and classroom contextual data. The final KPTP will be submitted according to the timeline designated by STEP and scored by trained KSDE scorers. Candidates not meeting the submission timeline will be delayed in their program completion by one semester or until a future, official state KPTP scoring session is available. Candidates must achieve a minimum score of 20 to be considered a STEP completer and eligible for licensure through KSDE. Concurrent with ED498. Prerequisites: Acceptance to STEP, completion of all professional education (2.75 major) and major (2.75 GPA) content hours, passing the CTE interview, and placement for ED498 Clinical Teaching Experience. (Fee)
ED498  Clinical Teaching Experience++  12 credits
Course includes observing, assisting and teaching for 12 to 16 weeks in an accredited school under the guidance of cooperating teachers and college supervisors. A Clinical Teaching seminar is incorporated into this course to cover and reinforce topics that are timely and relevant to this study. It allows for discussion and reflection on classroom practices. (Required weeks may vary according to field of study.) Prerequisites: Level II course requirements listed above. A student teaching fee is assessed. (Fall/Spring)

FREE ELECTIVES
Free Electives are courses that do not fill any GE or major requirements and are not offered on a regular basis. These courses serve to enrich the diversity of options available to students.

EE113  Introduction to Chinese Language and Culture
EE200  B-Movies

ELEMENTARY EDUCATION COURSES
+Acceptance into STEP required.
*TB test needed

EL151  Fundamentals of Teaching Reading  3 credits
This course is designed for entry level elementary education majors and it covers a variety of fundamental principles and topics necessary for a basic understanding for the K-6 elementary teacher candidates in teaching reading in a manner that will address the needs of all students. Prerequisite (or concurrent with): EL153 (Fall)

EL153  Language Arts for Elementary Teachers  2 credits
This course is designed for entry level elementary education majors. It covers the basic elements of written and spoken language and the writing process, along with other current language arts concepts necessary for a basic understanding for the K-6 elementary teacher candidates in teaching language arts in a manner that will address the needs of all students including those with cultural differences, those with English as a second language, or students of varying ability levels. (Fall)
EL256  Child and Adolescent Literature  3 credits
This course is studies traditional, multi-cultural, and modern literature for children and adolescents and how literature is integrated into all disciplines. Prerequisite: EL151. (Spring)

EL289  Topics in Education  1-3 credits
This course is designed to expose students to various topics in Elementary Education.

EL330  Methods of Teaching Elementary Math I+  3 credits
This course provides an introduction to mathematics content and methods of teaching for K-6 teachers. Candidates will study the NCTM and Common Core mathematics standards, what it means to know and do mathematics and teaching through problem-based learning. Specific content topics include: number concepts and number sense, operations, place value, helping children master basic facts, whole-number computation, measurement, and geometry. Prerequisite: C- or higher in a college-level math class or 172 or higher on the math portion of PPST and ED219. (Spring)

Elementary Education Methods Block (EL333, EL335, EL337, EL356)*
The following four courses will be taken concurrently in a field-based methods experience. The coursework will encompass both instructional coursework and elementary classroom participation for a total of 11 hours credit.

EL333  Methods of Teaching Elementary Science+  2 credits
This course provides an examination of current practices in science research and their application to the classroom. Emphasis placed upon process teaching. Prerequisite: ED219. Concurrent with ED400. (Fall)

EL335  Methods of Teaching Elementary Social Science+  2 credits
This course provides an examination of current practices and social science teaching methods, including planning, instruction, and assessment with an emphasis on multicultural concepts, self-esteem, questioning skills, map and globe skills, thematic unit instruction, inquiry teaching, and cooperative learning. Prerequisite: ED219. (Fall)
Methods of Teaching Elementary Math II+  3 credits
An extension of current concepts and methods of teaching K-6 mathematics is provided in this course. Candidates learn to plan and assess student centered lessons, and assist ELL learners in learning mathematics. Topics include estimation, algebraic thinking, fractions and decimals, ratio and proportion, data analysis, probability, exponents, integers, and real numbers. Strategies to instruct in problem solving, manipulatives, and a variety of materials and ways of developing understanding and critical thinking are discussed and modeled. Prerequisites: ED219 and EL330. (Fall)

Methods of Teaching Elementary Reading and Language Arts +  4 credits
This course is designed to teach the instruction of reading and language arts. Classroom environment, planning and preparation, and instructional strategies are studied as they pertain to teaching in the language arts areas. Basic developmental reading stages are emphasized along with integration of other subject areas. (Writing Intensive) Prerequisites: ED219, EL151, EL153, and EL256. (Fall)

Reading Testing and Diagnosis++  3 credits
This course emphasizes a developmental approach to teaching reading. Teacher candidates learn diagnostic methods of assessing students’ needs and developmentally appropriate strategies for meeting these needs. Application of acquired skills is achieved during field experience in the public schools. Prerequisites: ED219, EL151, and EL256. (Spring)

Topics in Education  1-3 credits
This course is designed to expose students to advanced study of various topics in Elementary Education.

EXERCISE SCIENCE COURSES

Concepts of Physical Fitness and Health  2 credits
This course presents an overview of what God has to say about the body and our stewardship responsibility before Him in caring for the body we have been given. A study of specific health and skill-related aspects of fitness will be emphasized. This course is designed to give students the tools to either begin or maintain a
lifestyle of optimal health and fitness. This is not an activity course, but activity will be a part of the course. Meets general education requirement with a grade of C- or higher. (Fall/Interterm/Spring)

ES103 Physical Activity – Team Sports 1 credit
This course is designed to give students an opportunity to participate and learn rules, strategy, and techniques in a variety of selected team sports and/or activities. Activity and participation are essential. This course will allow students to experience a host of activities that will promote life-long health and activity. (Fall)

ES104 Physical Activity - Bowling/Golf 1 credit
This course is designed to give students an opportunity to participate and learn rules, strategy, and techniques for the sports of bowling and golf. Activity and participation are essential. Students will understand the importance of participation over the importance of competition in participating in any activity course. This course will allow students to experience the benefits of bowling and golf to promote life-long health and activity through these two sports. Fee: $30 (Spring)

ES107 Physical Activity - Beginning and Intermediate Swimming 1 credit
A physical education activity course focusing on swimming and the lifelong benefits that can be gained from physical activity in an aquatic environment.

ES108 Physical Activity – Racquet Sports 1 credit

ES111 Physical Activity - Aerobics/Strength Training 1 credit

ES114 Physical Activity - Rhythmic and Interpretive Dance (TA114) 1 credit
Study and practice of skills in the art form concerned with communication of self-expression through movement. (Fall/Odd Years)

ES115 Physical Activity - Folk Dance 1 credit
This course offers the study of national dances, indigenous American dance forms, and folk dances of Europe and America. Students will learn basic steps of these dance forms and analyze the meaning of folk dance as the expression of national and cultural vision. (Spring)
ES120  Foundations of Exercise Science    2 credits
This course provides an introduction to the profession including the history and philosophy of physical education. Students are introduced to the areas of academic focus, which provide the content of the profession. Current trends, career options, and the relevance of Christian commitment to the profession are discussed. (Fall/Interterm)

ES200  Introduction to Motor Learning    2 credits
This course is designed to introduce students to the theoretical principles associated with the acquisition of motor skills. Information will be presented on motor learning and emphasize the learning process, the individual learner, and the instructional procedures that may be utilized by professionals in any movement setting. The course also represents how these theories may be applied to teaching methodologies. (Spring)

ES201  Lifetime Activities    2 credits
This course is designed to offer students the opportunity to learn and practice the rules, strategies, skills, and etiquette of selected lifetime and recreational activities which are commonly found in physical education and recreational programs. Emphasis is placed on the learning and instruction of skills necessary for each activity. Fee: $10. (Fall)

ES202  Individual, Dual, and Team Sports    2 credits
This course is designed to offer exercise science majors and minors the opportunity to learn and practice the rules, strategies, skills, and etiquette of selected sports which are commonly found in physical education and recreation programs. Emphasis is placed on the learning and instruction skills necessary for each sport. (Spring)

ES221  Essentials of Personal and Community Health    3 credits
A study of the seven dimensions of health: physical, emotional, social, intellectual, spiritual, occupational, and environmental. Various topics covered include: concepts of aging, nutrition, fitness, infectious and non-infectious diseases, drug, alcohol, tobacco use, and consumer health. (Fall)

ES226  Rules and Officiating    2 credits
This course offers exercise science majors and minors the opportunity to learn and practice the application of rules in the officiating of different seasonal sports.
Emphasis is placed on the learning of basic terminology associated with both the rules and officiating of the sports selected by the instructor. Fee $20. (Spring)

**ES240**  
Introduction to Sport Law  
3 credits  
Provides students with the knowledge, understanding, and application of how legal issues influence the sport industry. Specific content to be addressed includes: tort law, product liability, employment issues, governance issues, participant and premises liability, and intellectual property. This course will address Sport Law from a managerial perspective to better prepare students entering the sports management field. (Fall)

**ES242**  
Care and Prevention of Athletic Injuries  
2 credits  
This course provides exercise science majors an overview of injury prevention techniques, emergency procedures, as well as care and treatment of athletic injuries. Fee $20. (Fall)

**ES248**  
Sport Tournament/Event Management  
3 credits  
An introduction into the planning process necessary to stage a sporting event with emphasis placed on creating and locating the event, finding sponsors, developing relationships with participants and spectators, mathematical calculations used in planning, scheduling and timeline principles, procedures, and thought process involved in organizing and conducting sport tournaments and events. (Spring)

**ES253**  
Recreational Leadership (Indoor- Outdoor)  
3 credits  
This course is a study of leadership qualities, methods, techniques, administration and supervision of recreation activities. (Spring)

**ES255**  
First Aid  
3 credits  
This course provides the citizen responder with the knowledge and skills necessary in an emergency to help sustain life, reduce pain, and minimize the consequences of injury or sudden illness until professional medical help arrives. Fee $30.  
(Fall/Spring)

**ES289**  
Topics in Exercise Science  
1-3 credits  
This course is designed to expose students to various topics in Exercise Science.
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<th>Course Code</th>
<th>Course Title</th>
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<td>ES300</td>
<td>Principles of Coaching</td>
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<td>ES309</td>
<td>Theory of Coaching Softball</td>
<td>1</td>
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<td>This class focuses on the theory and</td>
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<td></td>
<td>techniques of coaching softball,</td>
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<td></td>
<td>including philosophy, fundamentals,</td>
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<td>practice organization, scouting and</td>
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<td>administrative responsibilities.</td>
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<td>(Spring/Odd Years)</td>
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<tr>
<td>ES310</td>
<td>Theory of Coaching Track and Field</td>
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<td>This class focuses on the theory and</td>
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<td>techniques of coaching track and</td>
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<td>field, including philosophy,</td>
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<td>fundamentals, practice organization,</td>
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<td>and administrative responsibilities.</td>
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<td>(Spring, Even Years)</td>
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</tbody>
</table>
ES311 Theory of Coaching Volleyball 1 credit
This class focuses on the theory and techniques of coaching volleyball, including philosophy, fundamentals, practice organization, scouting and administrative responsibilities. (Fall, Even Years)

ES315 Sport Public Relations 3 credits
Focuses on the application of public relations principles in a sport related setting. Significant attention is given to media relations with specific topics including media guides and publications, handling statistics, staging interviews and press conferences and crisis management. Prerequisite: BU140 (Interterm)

ES325 Sport Marketing 3 credits
This course introduces concepts and tools used to market sport and physical activity and will address content areas such as corporate sponsorships, ticket sales, broadcast agreements, promotional events, branded and licensed merchandise, pricing strategies, place and product distribution and electronic media. Prerequisites: BU102 and BU103. (Spring)

ES344 Curriculum and Methods of Teaching Physical Education - Elementary (PreK-6) 3 credits
The purpose of this course is to provide a combination of curriculum theory and practical application of teaching physical education for grades K-6 within the context of servant leadership and/or Biblical principles. The student will develop a P.E. curriculum, unit plans, and daily lesson plans. Practical teaching experience will be gained through peer and elementary age teaching. Prerequisite: ED219. (Fall)

ES346 Curriculum and Methods of Teaching Physical Education and Health - Secondary (7-12) 3 credits
The purpose of this course is to provide a combination of curriculum theory and practical application of teaching physical education for secondary students (grades 7-12) within the context of servant leadership and/or Biblical principles. Considerable hands on experience through peer-teaching activities. Concurrent with ED400. Recommended: ES344. (Spring)

ES348 Curriculum Methods in Health (PreK-12) 2 credits
This course will present theory and practice in health education programs including aims and objectives, curriculum design, teaching styles, learning environments,
liability and evaluation. Students will study and present select personal and community health topic, within the context of servant leadership and/or Biblical principles. Practical teaching experiences in classroom settings will be emphasized. Concurrent with ED400. Prerequisites: ES221, ED219, and acceptance to STEP. Recommended: ES344 or ES346. (Spring)

**ES360 Principles of Nutrition**  3 credits
This course is intended to be a midlevel discussion and study of the field of nutrition. Basic components of the human diet and the special needs of the physically active will be emphasized. Some discussion of the various specialty diets and supplements will also be investigated. (Spring)

**ES362 Field Practicum**  1 credit
This course gives prospective majors practical experience in exercise science. Student will be required to teach an activity class. Prerequisite: Junior or senior standing.

**ES370 Kinesiology**  3 credits
Students will learn how to analyze the movements of the human body and discover their underlying principles. Three areas important for a comprehensive understanding of Kinesiology are muscular-skeletal anatomy, biomechanics, and neuromuscular physiology. Safety, effectiveness, and efficiency are the underlying aims in using Kinesiology for the analysis and modification of human movement. (Fall)

**ES374 Adapted Physical Education**  3 credits
This course deals with organizing, planning, and conducting physical education for the handicapped or disadvantaged students. Special attention is given to designing programs to meet the specific individual needs of a variety of handicapped students. Demonstrating servant leadership practices and the societal and personal benefits of serving special needs students will be discussed. Prerequisite: ES200. (Spring)

**ES380 Psychology of Sport**  2 credits
This course is designed to give the student an understanding of the psychological methods and applications relating to sports as well as the principles of sports psychology. Class discussion will include motivational variables, emotional states,
personality variables, imagery, goal setting, and arousal-aggression variables.
(Spring)

**ES400 Internship**

3 credits
This course enables Sterling College sports management/exercise science students to acquire work experiences during the summer months relating to the career they are pursuing. This experience is designed to expand on the learning experience and to integrate and reinforce skills and concepts obtained in the classroom by providing practical experience in a structured employment environment. All internships must be pre-approved through the student’s advisor and Department Chair prior to the first day of the internship. A minimum of 160 hours of experience is required. Prerequisite: Junior status.

**ES420 Exercise Physiology**

3 credits
This course is a study of the physiological structures of the human body and their relationships to performance in physical education and athletics. Primary attention is paid to the adjustment mechanisms of the human body to exercise. Recommended: ES360. (Spring)

**ES475 Administration of Health, Physical Education, and Athletics**

3 credits
This course is a study of school and recreational programs for men and women. Areas of study include: program management and planning, leadership, facilities, equipment, budgets, legal liability, marketing and finances and appraisal of activities of athletics and physical education. *(Writing Intensive)* Prerequisite: Junior status. (Fall)

**ES489 Topics in Exercise Science**

1-3 credits
This course is designed to expose students to advanced study of various topics in Exercise Science.

**ES498 Senior Seminar**

1 credit
An opportunity to apply the knowledge, principles, and skills gained from the Exercise Science curriculum through discussions, presentations, and the completion of a major senior project. Prerequisite: Senior status. (Fall)
GENERAL DEVELOPMENT COURSES

GD104  Academic Success  1 credit
This course is designed to increase learning and academic achievement in the college environment. It will cover learning and thinking styles, specific academic and decision-making skills to optimize learning, and self-management.

GD105  Foundations of Servant Leadership  1 credit
Designed to introduce new Sterling students to the servant leadership emphasis of our liberal arts curriculum that integrates faith and learning, this course will also focus on skills for academic success, life-long learning, and career/major planning. This course is required of all new students and should be completed in the first semester of attendance. Lab fee.

GD190  Chapel and Convocation  0 credit
Must be successfully completed each semester during which the student is enrolled full-time in an on-campus program at Sterling College and is a graduation requirement. This is a pass/fail course.

GD220  Independent Learning Experience  1-3 credits
This course is primarily for students wishing to meet areas of the General Education curriculum by individually designed experiences.

GD289  Topics  1-3 credits
This course is designed to expose students to selected topics.

GD330  Internship  1-3 credits
Experiences outside the college classroom that may serve one or more purposes for the student: career orientation and development, extension of general education, specialized work in a discipline, interdisciplinary work, or cross-cultural experience. Internships will be arranged, supervised, and evaluated by college faculty in terms of educational objectives and outcomes.

GD489  Topics  1-3 credits
This course is designed to expose students to selected topics.
GOVERNMENT COURSES

HG202  American Government  3 credits
This course explores the structure and dynamics of American national government, providing a broad-based introduction to the ideas and institutions that shape politics in the United States. Analysis is focused on three major areas: the Constitution and the debates of the founding era, the institutions of modern American government, and the political behavior of the American mass public. Emphasis will also be placed on study of the Executive, Legislative, and Judicial Branches of the United States Government. Students will be prepared with a more comprehensive understanding of the forces that shape American government and politics and to become more active participants in the process. (Fall/Even Years)

HG240  World and Regional Geography  3 credits
This course provides a geographical survey of physical and cultural regions of the world and how human activities are influenced by climate, topography, population, and natural resources. (Fall/Odd Years)

HG269  Constitutional Law  3 credits
The U.S. Constitution is the basis for our political system. However, many Americans know little about the Constitution and their rights. This course will provide a basic overview of our political system including the Constitution and how it is interpreted. In addition, this course will explore some of the key Supreme Court decisions that have interpreted and informed our current constitutional law.

HG310  Government Practicum
American Studies Program, Washington, D.C.*  8 credits

HG311  Topics in Government
American Studies Program, Washington, D.C.*  8 credits
*A student accepted into this program operated by the Council for Christian Colleges and Universities will spend a semester in Washington, D.C. Half of the student’s time will be spent attending seminars and completing projects; the other half will be spent as an intern with a government agency. See Registrar for application information.
**HG320  State and Local Government  3 credits**
This course studies the structure, operation, theories, and problems of state and local government with special emphasis on the government of Kansas. (Spring/Even Years)

**HG322  Kansas History and Government  3 credits**
The class provides a survey of the history and political development of Kansas. The course is focused particularly to provide hands-on learning activities for education majors. (Spring/ Odd Years)

**HG323  Advanced American Government  3 credits**
An in-depth study of aspects of American national government including the federal budget, the executive branch, the federal bureaucracy, the impact of interest groups on Congressional decision making and other topics. A term project is required. Prerequisite: HG202. (Fall/Even Years)

**HG325  Comparative Government  3 credits**
This course is a cross-polity study of politics. Political process and governmental institutions are compared. Special reference is given to major concepts and theories of comparative politics as well as to major Western political systems. Prerequisite: HG202 (Fall/Odd Years)

**HG372  International Relations  3 credits**
A survey of techniques of power diplomacy, international law, national structures and policies as they apply to contemporary international affairs, as well as the dynamics of world affairs as they are developing currently. This course consists of two parts. Part A will provide a framework of theories and concepts; Part B is a study of specific cases and problems international relations. Prerequisite: HG202. (Fall/Even Years)

**HG390  Independent Study in Government  1 – 3 credits**
Prerequisite: Junior Standing

**HISTORY COURSES**

**HI101  History of World Civilization I (to 1500 AD)  3 credits**
The objective of this course is to survey the history of cultures from the Stone Age to early modern times. Some cultures considered are Cro-Magnon, Sumerian, Assyrian, Egyptian, Greek, Roman, Indian, Chinese, Incan, Aztec, Islamic, 178
Christian, Hebrew, Western Medieval, and Renaissance. An interdisciplinary approach will be used. (Fall)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HI102</td>
<td>History of World Civilization II (1500-present)</td>
<td>3 credits</td>
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<td></td>
<td>This course is a continuation of the survey of cultures from Reformation to present. This global interdisciplinary study will include topics such as Reformers and their Cultures, Wars of Religions, Enlightenment, Revolution, Statism, Liberalism, Conservatism, Nationalism, Imperialism, Socialism, Scientism, and Totalitarianism. (Spring)</td>
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<tr>
<td>HI211</td>
<td>U.S. History I (to 1877)</td>
<td>3 credits</td>
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<td>This course surveys the political, social, and economic history of the United States from its colonial heritage to the governmental crisis of Civil War and Reconstruction. Emphasis is placed on the acquisition of identity as a nation, the development of a sense of legitimacy in the government, the expansion of participation in selecting the government, the extension of government services into the nation, and the distribution of wealth throughout the society in the United States from 1776 through 1877. (Fall)</td>
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<tr>
<td>HI212</td>
<td>U.S. History II (since 1877)</td>
<td>3 credits</td>
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<td>This course is a continuation of the survey of the political, social, and economic history of the United States from 1877 to the present. Emphasis is placed on the expansion of government services, regulatory policy, and the quest for equality. Continuing emphasis will be placed on the themes of industrialization and the activities of government in expanding identity, legitimacy, and participation, extension of government services, and distribution of wealth. (Spring)</td>
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<tr>
<td>HI221</td>
<td>Topics in US History</td>
<td>3 credits</td>
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<td>A course in which the subject will vary and be announced as offered and could include History of Courtship, Marriage and Family in America, Images of Women, or Images of Blacks in America. (Fall or Spring)</td>
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<tr>
<td>HI251</td>
<td>Topics in European History</td>
<td>3 credits</td>
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<td>This is a survey course of the history and culture of European Civilization. Topics will vary and be announced. (Fall or Spring)</td>
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</table>
HI261  Topics in Non-Western History  3 credits
This course is a survey of the history and culture of a non-Western civilization. Topics include Islamic Civilization, African Civilization, and the history of China and Japan. (Fall or Spring)

HI302  Early America, 1607-1820  3 credits
This course explores the development of America from the colonial period through the War of 1812. Prerequisite: HI211. (Fall/Odd Years)

HI304  Civil War Era, 1820-1877  3 credits
This course examines in depth the changes in American society wrought by growing sectional differences between North and South, by the awakening social conscience of early 19th century reform efforts, by the crisis of Civil War, and by America’s unfinished revolution — Reconstruction. Prerequisite: HI211. (Spring/Even Years)

HI306  The Gilded Age, 1877-1939  3 credits
This course provides an intensive study of the political, social, diplomatic, economic, and cultural developments in the US from the industrially expansive 1880s through the depressed 1930s. Prerequisite: HI212. (Fall/Even Years)

HI331  The Classical Age (to 476 A.D.)  3 credits
This course is a survey of ancient world history. Particular attention is given to the great classical civilizations, including Greece and Rome. Prerequisites: HI101 and HI102. (Fall/Even Years)

HI333  Medieval History (400-1400 A.D.)  3 credits
This course is an in-depth study of medieval Europe from the fall of Rome until the Black Death and the beginning of the renaissance. Political, religious, and social institutions will be examined, as will the crusades. Prerequisites: HI101 and HI102. (Spring/Odd Years)

HI335  Early Modern Europe (1400-1789)  3 credits
Students will study the history of the 15th Early Modern Europe with emphasis on the renaissance reformation enlightenment and French Revolution. (Writing Intensive) Prerequisites: HI101 and HI102. (Fall/Odd Years)
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>HI371</td>
<td>History of Islamic Civilizations</td>
<td>3</td>
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<td>This course offers a survey of the history of the</td>
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<td>Islamic world from the 7th century to modern</td>
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<td></td>
<td>times. Prerequisites: HI101 and HI102.</td>
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<tr>
<td>HI390</td>
<td>Independent Study in History</td>
<td>1-3</td>
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<td></td>
<td>Prerequisite: Junior Standing</td>
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<tr>
<td>HI408</td>
<td>Modern America, 1919 – Present</td>
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<td>Students will engage in an in-depth study of the</td>
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<td>era of the US as a world power. Particular</td>
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<td></td>
<td>attention is given to World War II at home and</td>
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<td>abroad, to the Vietnam era, and to the changing</td>
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<td>role of the U.S. (Writing Intensive) Prerequisite:</td>
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<td></td>
<td>HI212. (Spring/Odd)</td>
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<tr>
<td>HI421</td>
<td>Topics in U.S. History</td>
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<td>A course in which the area of US history studied</td>
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<td>will vary and be announced as offered. Prerequisites: HI211 and HI212. (Fall or Spring)</td>
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<tr>
<td>HI437</td>
<td>Modern Europe (1789-present)</td>
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<td></td>
<td>Political and social change in modern Europe will</td>
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<td>be studied. Topics include nationalism,</td>
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<td>imperialism, World War I, fascism, World War II,</td>
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<td></td>
<td>and the cold war. Prerequisite: HI335. (Spring/</td>
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<td>Even Years)</td>
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<tr>
<td>HI451</td>
<td>Topics in European History</td>
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<td></td>
<td>This course is an advanced survey of the history</td>
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<td>and culture of European Civilization. Topics</td>
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<td></td>
<td>will vary and be announced. Prerequisites: HI101</td>
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<td></td>
<td>and HI102. (Fall or Spring)</td>
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<tr>
<td>HI461</td>
<td>Topics in Non-Western History</td>
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<td>This course is an advanced study in an area of</td>
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<td>non-western history of current interest.</td>
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<td>Prerequisites: HI101 and HI102. (Fall or Spring)</td>
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<tr>
<td>HI498</td>
<td>Research Methods</td>
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<td>This course, required of all History/Government</td>
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<td>majors, will expose students to the research</td>
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<td>skills and methodologies necessary for the study</td>
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<td>and writing of history. This course will</td>
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<td>examine the nature of historical sources, how</td>
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<td>to interpret such sources critically, how to</td>
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<td>develop a thesis, and how to write a research</td>
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<td>paper. Prerequisite: LL101. (Fall)</td>
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</table>
HI499  Senior Thesis  2 credits
This course will involve research and the production of a major paper. (Writing Intensive) Prerequisite: HI498. (Spring)

**HONORS PROGRAM COURSES**

HR110  Theories of Servant Leadership-Honors  1 credit
This course will survey several theories of leadership--placing each within its historical and cultural perspective. Servant Leadership will be highlighted and presented under the current transformational approach to leadership. Students will be challenged to explore the underlying assumptions of each theory of leadership as well as evaluate the outcomes and expectations of leaders and leadership styles that result from these assumptions. Special attention will be given to theological, ethical, and philosophical issues in servant leadership. Prerequisite: GD105H

HR201  Non-western Culture and History I: Ancient Societies through the Renaissance Period  3 credits
An interdisciplinary history/literature general education course covering non-Western culture and history from the Ancients through the Renaissance period.

HR202  Non-Western Culture and History II: Enlightenment to the Contemporary Period  3 credits
An interdisciplinary history/literature general education course covering non-Western culture and history from the Enlightenment through the contemporary period. (Spring)

HR211  Western Culture and History: Ancient to Renaissance  3 credits
An interdisciplinary history/literature general education course covering Western culture and history from ancient societies through the Renaissance period.

HR212  Western Culture and History: Enlightenment to the Contemporary Period  3 credits
An interdisciplinary history/literature general education course covering Western culture and history from the Enlightenment through the contemporary period.

HR289/489  Special Topics-Honors  1 credit
**LANGUAGE COURSES**

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LL121</td>
<td>Spanish I Conversational</td>
<td>3</td>
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<tr>
<td>LL122</td>
<td>Spanish II Conversational</td>
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</table>

These courses are designed to introduce students to basic conversational Spanish and fundamentals of grammar, starting from the beginning and building increasing levels of competency. Reading and writing skills will be introduced. (Depending upon instructor availability)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LL230</td>
<td>New Testament Greek I (TM230)</td>
<td>3</td>
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<tr>
<td>LL232</td>
<td>New Testament Greek II (TM232)</td>
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This course equips students with a fundamental understanding of grammar, syntax, and vocabulary of biblical Greek. (Fall/Odd Years)

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LL330</td>
<td>New Testament Greek III (TM330)</td>
<td>3</td>
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<tr>
<td>LL332</td>
<td>New Testament Greek Reading IV (TM332)</td>
<td>3</td>
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</table>

This course is a continuation of LL230, equipping students with a fundamental understanding of the grammar, syntax, and vocabulary of biblical Greek. (Spring/Even Years)

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<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>LL095</td>
<td>Basic Writing</td>
<td>3</td>
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</table>

This course develops basic skills of clear and appropriate expression in varied writing situations according to the standards of written English. Prepares students with an ACT in English of 17 or below and/or a score of 5 or below on the Compass Writing test for college level writing. Does not meet General Education English requirement and will not count toward the 124 credits required for graduation. (Fall)
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<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>LL101</td>
<td>College Composition I</td>
<td>3</td>
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<td>This first year writing course develops basic skills in clear and appropriate expression in varied academic writing situations according to the conventions of standard written English. Students will learn different invention techniques, strategies for developing expository essays, the structure of an argument, including thesis and support, and be introduced to basic library and online research techniques. <strong>Meets general education requirement with a grade of C- or higher.</strong> (Fall/Spring)</td>
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<tr>
<td>LL102</td>
<td>College Composition II</td>
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<td>This course continues the work of Composition I, adding practice in argument and persuasion and other rhetorical techniques. Requirements include preparation of a research paper from library sources. Continues work on diction, usage, and sentence structure. <strong>Prerequisite: LL101 with at least a C-.</strong> (Spring)</td>
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<tr>
<td>LL151</td>
<td>Introduction to Literature</td>
<td>3</td>
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<td>Samples a variety of fiction, drama, and poetry concerned with themes of recurring interest in the world’s literature. Considers how literature should be read and tries various approaches to reading and writing about literature. (Interterm/Spring)</td>
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<tr>
<td>LL157</td>
<td>GPR Lab</td>
<td>2</td>
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<td>Students will work on the editorial staff of <em>The Great Plains Review</em>. The environment will be professional as students learn and develop skills related to publishing a literary journal. (Spring)</td>
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<tr>
<td>LL166</td>
<td>American Literature II</td>
<td>3</td>
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<td>This is a survey course of American literature and literary movements since the Civil War with emphasis on critical analysis of fiction and poetry. (Spring/Odd Years)</td>
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<tr>
<td>LL178</td>
<td>C.S. Lewis and His Friends</td>
<td>3</td>
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<td></td>
<td>A general education literature course focusing on the writings of C.S. Lewis and his associates. (As announced)</td>
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<tr>
<td>LL207</td>
<td>Creative Writing: Poetry</td>
<td>3</td>
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<td>This class gives students an opportunity to compose original poems to learn more about themselves as well as techniques of original, imaginative composition and to share those techniques with others. <strong>It is suggested for English majors seeking</strong></td>
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</tbody>
</table>
Education licensure and all students seeking to improve general writing skills. (Spring/Even)

**LL208 Creative Writing: Fiction** 3 credits
This class gives students an opportunity to compose original stories in order to learn more about themselves, to learn techniques of the original, imaginative composition, and to share those techniques with others. It is suggested for English majors seeking Education licensure and all students seeking to improve general writing skills. (Spring/Even)

**LL209 Creative Writing: Non-Fiction** 3 credits
Gives students an opportunity to compose original non-fiction essays in order to learn more about themselves, to learn techniques of original, imaginative composition, and to share those techniques with others. It is suggested for English majors seeking Education licensure and all students seeking to improve general writing skills. (Spring/Even)

**LL212 Creative Writing** 3 credits
Students study some basic techniques of original composition and practice in writing fiction, verse, and dialogue. (Spring/Even Years)

**LL243 English Grammar** 3 credits
This course serves as an introduction to traditional English grammar with elements of structural and transformational grammar. (Fall/Odd Years)

**LL251 World Literature I** 3 credits
This class introduces students to some of the Great Books of the Western and non-Western worlds, from the ancient to the late-medieval period, including classics such as Epic of Gilgamesh, the Bible, the Odyssey, Plato's dialogues, the Quran, the Bhagavad-Gita, Rumi, and Dante. Prerequisite: Sophomore standing or instructor permission. (Fall/Odd Years)

**LL252 World Literature II** 3 credits
This course is a continued survey of great works from the early-modern to the twentieth century. The focus will be both interdisciplinary and cross-cultural, and will cover some of the most interesting writers of the past 500 years such as Petrarch, Basho, Pascal, Goethe, Darwin, C.S. Lewis, Pablo Neruda, Kafka, and Alan Paton. Prerequisite: Sophomore standing. (Spring/Even Years)
LL257 Foundations of Writing and Editing 2 credits
This course will equip students with the fundamental knowledge and skills that are requisite for professional editing and writing. Students should expect to master the most important grammatical and mechanical rules and the vocabulary associated with them. Students should also expect to master proofreading conventions. (Fall/Even)

LL259 Monster Literature 3 credits
A general education literature course focusing on the genre of Monster literature. (As announced)

LL261 Images of the Cowboy 3 credits
A general education literature course focusing on the cowboy in literature. (As announced)

LL263 Lost Generation: Hemingway and Fitzgerald in Paris 3 credits
A general education literature course focusing on the writings of Ernest Hemingway and F. Scott Fitzgerald during their Paris years. (As announced)

LL289 Topics in Language and Literature 1-3 credits
This course is designed to expose students to various topics in literature, language studies, or writing.

LL315 Advanced Composition 3 credits
This course is a study of the techniques of good expository writing with attention to the development of prose style in practical academic writing situations. (Writing Intensive) (Spring/Odd Years)

LL319 Research and Integrity in Writing 3 credits
This course will equip students with a detailed understanding of citation and intellectual honesty in writing and editing. The course will also provide students with advanced-level research instruction. (Spring/Odd)

LL344 Language Studies 3 credits
This course is a focused investigation of the history of languages, particularly the development of English, with some attention to dialects, semantics, etymology and general linguistics. (Fall/ Odd Years)
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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>LL351</td>
<td>Classical Devotional Literature</td>
<td>3</td>
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<td></td>
<td>The course will focus on devotional and autobiographical works within the Christian tradition, from St. Augustine’s <em>Confessions</em> in 400 AD to Henri Nouwen’s <em>Genesee Diary</em> in the 20th century. (Spring/Odd)</td>
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<tr>
<td>LL354</td>
<td>Modern Drama</td>
<td>3</td>
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<td>Students engage in study of American, English, and European drama from Ibsen to the present. The class approaches drama as literature, looking at such technical elements as plot, point of view, symbolism, characterization, and theme. Meets general education requirement in Literature. <em>(Writing Intensive)</em> (Fall/Even Years)</td>
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<tr>
<td>LL356</td>
<td>Young Adult Literature</td>
<td>3</td>
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<td>The course will introduce students, especially those seeking secondary licensure in English, to quality young adult literature available for reading and study in the middle and high school classroom. Students will examine many of the issues surrounding young adult literature, including censorship, appropriateness, and strategies for reading and using the literature in the classroom. Students will learn to apply a variety of critical approaches to reading literature including reader-response, ethnic and gender criticism, and other cultural theories. In addition to traditional print, students will also learn to apply reading strategies to graphic and film texts. <em>(Spring/Even/Interterm)</em></td>
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<tr>
<td>LL357</td>
<td>Advanced Technical Editing</td>
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<td>This course will provide students with practical editorial experiences. Students will apply the skills they have learned in Foundations of Writing and Editing and Research and Integrity in Writing, demonstrating the ability to improve documents both mechanically and structurally. (Fall/Odd)</td>
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<tr>
<td>LL366</td>
<td>Major American Authors</td>
<td>3</td>
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<td>This course focuses on the critical reading of a few major American authors from the Colonial to Civil War periods, and study of the corresponding literary and intellectual movements. It emphasizes Emerson, Thoreau, Hawthorne, and Melville. <em>(Writing Intensive)</em> (Spring/Odd Years)</td>
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<tr>
<td>LL376</td>
<td>Selected British Authors</td>
<td>3</td>
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<td>Students will engage in a careful reading of some of the masters of British literature, such as Chaucer, Spenser, Milton, and Donne. <em>(Writing Intensive)</em> (Spring/Odd Years)</td>
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</table>
LL379  British Literature II  3 credits
This course surveys British literature of the Romantic and subsequent periods with
emphasis on poetry. (Writing Intensive) (Fall/Even Years)

LL380  Literary Criticism  3 credits
The course is a historical overview and practical introduction to literary theory and
criticism. Students will practice applying major critical paradigms to poems and
prose works. Designed primarily for majors, who will apply what they learn in
classes at Sterling College and in graduate school. Theory may be of interest to
students in some other majors. Addresses some Secondary English licensure
standards. (Fall/Even Years)

LL396  Writing Internship  up to 3 credits
This course provides an opportunity for selected students to earn credit for writing
experiences, usually in a job setting. Open only to upper division students who
have made application and been accepted during the previous semester. (As
needed)

LL398  Directed Readings  1-2 credits
With permission, English majors may do individual reading for credit. It is limited
to two semester hours credit in any one semester and cumulative total of four
semester hours. (As needed)

LL453  Poetry  3 credits
Students engage in a careful reading and analysis of Biblical, classical, medieval, and
modern poetry. Attention will focus on what type of thing poetry is (from epic to
lyric), how it differs from prose, and how poetical language can be altered or “lost
in translation.” (Writing Intensive) (Fall/Odd Years)

LL455  History of the Novel in English  3 credits
Careful reading of several British and American Masterpieces of fiction from the
eighteenth century to the present day, with attention to the history and
development of the novel and the background of the authors, and more detailed
examination of themes and techniques represented in the works studied. (Writing
Intensive) (Spring/Even Years)
LL473  Introduction to Shakespeare  3 credits
Students study the life and times of Shakespeare with an intensive study of selected tragedies, comedies, and histories. (Writing Intensive) (Spring/Even Years)

LL489  Topics in Language and Literature  1-3 credits
This course is designed to expose students to advanced study of various topics in literature, language studies, or writing.

LL497  Seminar in Advanced Writing and Editing  3 credits
This course will equip students with advanced knowledge and writing skills that are requisite for jobs in professional writing and editing. A professional portfolio of written and edited work will serve as the capstone assessment for the course and for the Writing and Editing program. Students should expect to critique each other’s work at various times throughout the semester. (Spring/Even)

LL498  Senior Seminar I  2 credits
LL499  Senior Seminar II  1 credit
Designed to acquaint Seniors with current issues in the discipline and culture and with schools of literary criticism, and to suggest ways of integrating the field with Christian theology and values. The course involves a research project and production of a major paper. (Writing Intensive) (Fall for 2 credits, spring for 1 credit; or may be taken for 3 credits in the fall)

MATHEMATICS COURSES

MA090  Elementary Algebra  3 credits
This course will cover fundamental arithmetic and elementary algebra. Topics covered include addition, subtraction, multiplication, division, exponents, radicals, absolute values, and number systems. Required for all incoming students with a Math ACT score of 16 or below. Does not meet General Education mathematics requirement and will not count towards the 124 credits required for graduation. Optional for all other students. (Fall)

MA095  Intermediate Algebra  3 credits
This course will cover fundamental algebraic operations. Topics covered include properties of real numbers, sets, linear, quadratic, polynomial, rational, and radical expressions, factoring, and solving equations and inequalities. Required for all incoming students with a Math ACT score between 17 and 20. Does not meet General Education mathematics requirement and will not count towards the 124
credits required for graduation. Optional for all other students. Prerequisite: MA090, Math ACT score of 17 to 20, or satisfactory score on Math Placement test. (Fall/Spring)

MA108  Contemporary Mathematics  3 credits
This course is designed to provide the opportunity to understand mathematics and mathematical processes for teachers as well as the general liberal arts students. Topics covered include logic, sets, counting, probability, statistics, finance, and geometry. For non-majors only. Prerequisite: MA095, Math ACT score of at least 21, or satisfactory score on Math Placement test. (Fall)

MA110  College Algebra  3 credits
This course is a detailed study of functions and their graphs. Topics covered include linear and quadratic equations, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants. Not open to students who have passed MA150 with a C- or better. Prerequisite: MA095, Math ACT score of at least 21, or satisfactory score on Math Placement test. (Fall/Spring)

MA115  Introduction to Analytic Geometry (Trigonometry)  3 credits
The study of trigonometric functions which includes right triangles, identities, graphs, trigonometric equations, trigonometric inverse functions, oblique triangles, and complex numbers. Prerequisite: MA110. (Fall/Even Years)

MA150  Pre-Calculus  5 credits
The study of polynomial, rational, exponential and trigonometric functions, equations, and inverse functions; plane analytic geometry; introductory vectors: conic sections; curve sketching; complex numbers. Prerequisite: ACT math score of at least 21. (Fall)

MA200  Calculus I  5 credits
This course covers functions, limits and continuity, differentiation and integration of algebraic, logarithmic, exponential, and other transcendental functions and applications of differentiation and integration. Prerequisite: MA150 with C- or better or satisfactory score in pre-calculus placement test. (Spring)
MA210  Calculus II  5 credits
This course covers integration techniques, sequences and series, conics, parametric equations, polar coordinates, vectors, and the geometry of space. Prerequisite: MA200. (Fall)

MA220  Calculus III (Multivariable)  5 credits
This course covers functions of several variables, partial derivatives, multiple integrals, vector calculus, line integrals and vector fields. Prerequisite: MA210. (Spring)

MA240  Elementary Statistics  3 credits
Fundamental concepts and procedures of descriptive statistics, including frequency distributions and their graphical representation, measure of central tendency, measures of variability and simple linear regression. Also covers elementary probability, discrete and continuous probability distributions, sampling theory, and inferential statistics including estimation and hypothesis testing. Prerequisites: MA108, MA110, MA150, or ACT math score of at least 23. (Spring)

MA245  Apprenticeship in Mathematics  2 credits
This course provides students with practical experience in teaching and administration in mathematics and mathematics content for grades 6-12. Prerequisite: ED219. (Spring/Interterm)

MA289  Topics in Mathematics  1-3 credits
This course is designed to expose students to various topics in Mathematics.

MA330  Linear Algebra  3 credits
Students study systems of linear equations, matrices, determinants, linear dependence, vectors, vector spaces, inner product spaces, linear transformations, eigenvalues, and eigenvectors. Prerequisite: MA210. (Fall/Even Years)

MA340  Modern Geometry  3 credits
A survey course that includes selected topics in Euclidean and non-Euclidean geometry, projective geometry, transformation geometry and foundations of geometry. (Writing Intensive) Prerequisite: MA210. (Spring/Odd Years)
MA350  Differential Equations  3 credits
Separable differential equations, homogeneous and non-homogeneous linear
differential equations, initial value and boundary value problems, Laplace
Transforms, and numerical methods. Prerequisite: MA220. MA330 recommended.
(Fall/Odd Years)

MA355  History of Mathematics  2 credits
Students will engage in a study of the historical development of modern
mathematical ideas and the contributions of major mathematicians and different
cultures to these ideas. Also examines the role of mathematics in culture and
society. Prerequisite: MA200 or permission.  (Fall/Even Years)

MA360  Mathematics of Finance  3 credits
This is a finance-based mathematics course including annuities, yield rates, sinking
funds, bonds, risk analysis, and regression analysis. Prerequisites: MA210, MA240.
(Spring/as needed.)

MA370  Introduction to Advanced Mathematics  3 credits
This course develops the concept of proof writing in the context of mathematical
tools needed in advanced courses. It covers such mathematical topics as number
theory, algebra, and introductory analysis. Particular attention is given to functions,
induction, and mathematical systems.  (Writing Intensive) Prerequisite: MA210 (may
be taken concurrently).  (Fall/Odd Years)

MA390  Special Topics  1-3 credits
Topics related to specific subjects within the field of mathematics not taught in the
regular curriculum. Prerequisites: Consent of instructor and Junior standing.  (As
announced)

MA392  Mathematics Service  1 credits
Students provide assistance to the college, a local church, school, or non-profit
organization in mathematics related areas such as: installation and evaluation of
mathematical software, tutoring or assisting the teaching of developmental
mathematics for one semester, or tutoring GED candidates in mathematics.
Students gain hands-on experience while providing a service for local institutions.
The purpose of this course is to further the college goal of producing servant
leaders. Prerequisite: Junior standing.  (Spring/Interterm)
MA395  **Independent Study**  1-3 credits  
This course provides students with in-depth study of a current topic of interest in mathematics. A learning contract will specify the nature and the terms of the agreement between student and instructor. It may include a formal presentation and paper submitted to the department or to a professional organization. 
Prerequisite: Junior standing. (As announced)  

MA410  **Probability Theory**  3 credits  
A study of the mathematical basis of probability theory, including sample spaces, elementary theorems of probability, random variables, distributions, moments and their generating functions, conditional and marginal distributions, and the Central Limit Theorem. Prerequisites: MA210 and MA240. (Fall/Odd Years)  

MA420  **Modern Algebra**  3 credits  
A study of groups, rings, integral domains, and fields. Attention will be given to the real number system and its subsystems and applications of algebra. (Writing Intensive) Prerequisites: MA330 and MA370. (Spring/Odd Years)  

MA450  **Numerical Analysis**  3 credits  
Approximation of roots of equations, interpolation, numerical differentiation and integration, and the numerical solution of first order ordinary differential equations. Prerequisite: MA220. (Spring/Odd Years)  

MA470  **Advanced Calculus**  3 credits  
This course covers the calculus of Euclidean space including the standard results concerning the Real and Complex number systems, basic topology, numerical sequences and series, and continuity. Prerequisites: MA220 and MA370. (Spring/Even Years)  

MA489  **Topics in Mathematics**  1-3 credits  
This course is designed to expose students to advanced study of various topics in Mathematics.  

MA490  **Seminar in Mathematics**  1 credit  
Students prepare a paper on a mathematics or mathematics education topic and give an oral presentation to the seminar group. Students must attend all these presentations and other mathematics seminars by industry and education experts.
that occur during the semester. Prerequisite: Senior standing in the math major.
(Fall/Interterm)

**MUSIC COURSES**

**MU100 Music Appreciation**
3 credits
The course is designed for non-major students and stresses awareness of musical elements as an aid to perceptive listening. Western art music from the Middle Ages through modern periods is the prime vehicle of study. Study also includes ethnic music of many cultures. Origins, relationships to other art forms, and interdisciplinary relationships are also explored.

**MU108 Aural Skills I** (Fall) 1 credit
**MU109 Aural Skills II** (Spring) 1 credit
**MU208 Aural Skills III** (Fall) 1 credit
**MU209 Aural Skills IV** (Spring) or 1 credit
**MU258 Aural Skills Proficiency** 0 credit

The Aural Skills sequence is designed specifically for Music majors to help them complete **MU258 Aural Skills Proficiency**. The classes focus on the development of sight singing and dictation skills through exercises in melody, harmony, and rhythm. The course sequence functions to develop the student’s ability to look at a piece of music, hear it internally, and sing it; or after hearing it, to be able to transcribe it. Individuals must interview directly with the music faculty to determine the class in which they should and must enroll until the Aural Skills Proficiency is successfully completed. **MU258** must be passed prior to the semester of the Senior Recital/Project. Prerequisite: Each course requires successful completion of the previous level at a minimum of 70%.

**MU111 Music Theory I**
3 credits
The course is a study of music fundamentals, including the written study of music notation, simple and compound meters, major and minor scales, inversions, simple intervals, diatonic triads, and triad function. (Fall)

**MU112 Music Theory II**
3 credits
This course is a study of four-part diatonic harmony, harmonic progressions, altered chords, modulations, and two and three-part forms. Prerequisite: MU111. (Spring)
MU170, 270, 370, 470  Private Woodwind Lessons *  1-2 credits
Flute, Clarinet, Oboe, Bassoon, Saxophone

MU171, 271, 371, 471  Private Brass Lessons *  1-2 credits
Trumpet, Trombone, Lower Brass, Horn

MU172, 272, 372, 472  Private Percussion Lessons *  1-2 credits

MU173, 273, 373, 473  Private String Lessons *  1-2 credits
Guitar, Violin, Viola

Private instrumental lessons include breathing (where applicable) and study of technique, working toward proficiency sufficient to interpret representative works of the past and present.

MU174, 274, 374, 474  Private Piano Lessons *  1-2 credits

Private piano lessons are tailored to the individual's background and will include literature by composers of the Baroque, Classical, Romantic, and Twentieth Century eras, as well as hymns or hymn settings, technique, sight-reading, and other activities deemed appropriate. Purchase of selected books and materials is required. Instructor Permission required.

MU175B  Class Piano I  (Fall)  1 credit
MU175C  Class Piano II  (Spring)  1 credit
MU275B  Class Piano III  (Fall)  1 credit
MU275C  Class Piano IV  (Spring)  or  1 credit
MU260  Piano Proficiency  0 credit

The Class Piano sequence is designed specifically for Music and Music Education majors to help them complete MU260 Piano Proficiency. Individuals must interview directly with the piano faculty to determine the class in which they should and must enroll until the Piano Proficiency is successfully completed. MU275C must be passed prior to the semester of the Senior Recital/Project. Prerequisite: Successful completion of the previous level.

MU177, 277, 377, 477  Private Voice Lessons *  1-2 credits

Provides instruction for voice building and strengthening through proper breath control, tone production, and use of articulation. Study of song interpretation, poise, balanced repertoire, and communication skills.

* In addition to tuition, a private lesson fee is charged. See Schedule of Charges, page 18.
MU178  Class Voice  1 credit
In this course, students will examine issues of both individual and group vocal production and technique. They will be expected to perform both solo and ensemble selections. (Fall)

MU213  Music Theory III  3 credits
This course is a study of Renaissance polyphony, eighteenth century counterpoint, altered chords, and Baroque and Classical forms. Prerequisite: MU112. (Fall)

MU214  Music Theory IV  3 credits
This course is an advanced exploration of the literature of the Classical, Romantic, Post-Romantic, Impressionistic, Early Twentieth Century, and Modern periods. Prerequisite: MU213. (Spring)

MU243A  Elementary Music Methods for the Non-Music Major  2 credits
A study of music curriculum, materials, and teaching techniques for the development of experiences which contribute to children’s understanding of music in the elementary school. This course is for the Elementary Education major.

MU243B  Elementary Music Methods  3 credits
This course is designed to present an introduction to the general music program in a K-6 setting. Its purpose is to acquaint prospective music educators with the elementary music student, content, materials, management, and methods of instruction. Prerequisites: ED195 and ED219.

MU249A  Woodwind Methods (Fall, Odd Years)  1 credit
MU249B  Brass Methods (Spring, Even Years)  1 credit
MU249C  Percussion Methods (Spring, Odd Years)  1 credit
MU249D  String and Guitar Methods (Fall, Even Years)  1 credit
Instrumental methods courses concentrate on essential information, hands-on experience, and teaching each instrument. Developing ability to transpose on musical instruments at sight is stressed. Fundamentals are covered and applied in performance. Pedagogy is stressed with attention to trouble-shooting and problem-solving in light of fundamentals and correct playing skills. Reflex development approach to skills is taught along with methods and materials. Includes instrument maintenance and basic repair.
MU261 Music Seminar/Concert Attendance 0 credit
Music and Music Education majors are required to enroll in this course for 8 semesters; minors are required to enroll in 4 semesters. Enrolled students are required to attend all Music Seminars and an appropriate number of concerts. (The exact number of concerts will be set by the music faculty at the beginning of each semester.)

MU285 Choral Ensembles 1 credit
MU285 (A) – The Sterling Chorale represents the college throughout the academic year by performing at schools, churches, and school functions. It is made up of students, across academic disciplines of the college, who audition each year for a place in the group. The Chorale performs music from the major periods of music history, church anthem repertoire, and contemporary styles, such as musical theatre. In addition, they perform 2 major concerts each semester and tour over Spring Break to some part of the United States.
MU285 (B) — The Concert Choir is an open ensemble and any Sterling College student will be allowed to participate after an audition process.

MU286 Instrumental Ensemble 0.5 credit
Small mixed ensembles performing chamber, percussion, and jazz music. These groups service the campus and local churches. Ensembles offered are contingent on student interest and may include Percussion Ensemble, Flute Choir, Chamber Ensemble and Athletic (Pep) Band.

MU287 Highland Singers 0.5 credit
The Highland Singers represent the college throughout the academic year by performing at schools, churches, and school functions. The group is a select ensemble from students in the Sterling Chorale. The performance schedule is more rigorous than Chorale and includes a fall tour. The students work closely with the Admissions and Advancement offices to coordinate performances with promote the college.

MU288 Community Concert Band 1 credit
This ensemble is designed to give students the unique opportunity to create music within a community environment. It promotes and fosters, through public concerts, interest in, and enthusiasm for, the playing and appreciation of wind ensemble literature. Emphasis is placed on the art of ensemble playing, individual
responsibility, self-discipline, as well as representing the school and community in a positive manner.

MU290  Topics in Music  1-3 credits
This course is designed to expose students to various topics in Music.

MU291  Independent Study  1-3 credit
By consent of instructor and department chair. Prerequisites: completion of all required course work in the subject area.

MU317  Arranging  2 credits
Application of music theory to practical aspects of writing for various combinations of voices/instruments. Instrumental and choral ranges, transposition, various clefs, and particular idioms and problems will be presented and practiced. (Writing Intensive) Prerequisite: MU112.

MU333  Conducting  2 credits
Beginning conducting includes study and mastery of the mechanics of conducting: patterns, attacks, releases, phrasing, left hand techniques, tempo, mood, and other interpretive considerations that are directly conveyed through the conducting gesture with and without the baton, utilizing both choral and instrumental scores.

MU335  Choral Methods for the Classroom  3 credits
This course examines the techniques and skills needed to teach choral music in the secondary school. This course introduces (but is not limited to): teaching non-performing music students (7-12), the male changing voice, inclusion in the music classroom, teaching performing groups, teaching musical expression, choosing appropriate literature, achieving accurate intonation, teaching teenage singers, school music performances, discipline, recruiting, planning and evaluation, current approaches for effective teaching, observing secondary choral classes, teaching concept lesson plans, and world music. Concurrent with ED400. Prerequisites: ED219 and acceptance to STEP (for ED majors only). (Spring/Even Years)

MU336  Instrumental Methods for the Classroom  3 credits
This course examines the techniques and skills needed to teach instrumental music in the secondary school. This course introduces (but is not limited to): teaching non-performing music students (7-12), inclusion in the music classroom, teaching performing groups, teaching musical expression, choosing appropriate literature,
achieving accurate intonation, school music performances, discipline, recruiting, planning and evaluation, current approaches for effective teaching, observing secondary instrumental music classes, political/social issues pertinent to the instrumental music classroom, teaching concept lesson plans, and world music.  
(Writing Intensive) (Spring/Odd Years)

MU340  Supervised Teaching  3 credits
This course will be offered to piano majors who are interested in learning to teach piano lessons. They will teach one or two piano students each semester, will video tape the lessons and write a critique for departmental review. Departmental faculty will observe each lesson and meet one-on-one to discuss teaching techniques.

MU342  Vocal Pedagogy and Literature  3 credits
An examination and evaluation of methods and literature used for teaching voice at all levels. A study of teaching techniques through the teaching of private students. Designed to give students a practical working knowledge of a profession that is in demand. Prerequisite: Junior or senior standing, minimum of four semesters of private voice lessons, and consent of instructor. (Spring/Even Years)

MU354  Music History and Literature I  3 credits
A detailed study of composers, genres, forms, and cultural values that shaped music during the Ancient, Medieval, Renaissance, and Classical eras. (Writing Intensive)

MU355  Music History and Literature II  3 credits
A detailed study of the styles, forms, personalities, and cultural values that shaped music from the 1800s through the present. (Writing Intensive)

MU359  Hymnody  2 credits
This course will cover the historical developments of hymnody in the church, especially as it can be traced in Protestantism. Special emphasis will be placed on important composers, religious movements, and events that played a vital role in the development of congregational music. Attention will be given to theological and musical aspects of hymnody, as well as to modern and contemporary issues surrounding the subject.

MU361  Diction for Singers  3 credits
In this course, students will gain a foundational understanding of the International Phonetic Alphabet, which will enable them to learn and practice the correct
pronunciation of the various languages in which they sing. This course will focus on the French, German, English, and Italian languages. (Spring/Odd Years)

MU379 Junior Recital 0 credits
Students majoring in music with an concentration in Applied Instrumental or Vocal must perform a 30 minute recital in the spring of their junior year. Students must enroll in two credits of private lessons during the semester prior to and the semester of the recital.

MU391 Independent Study 2 credits
Similar to MU291 but with even more in-depth study. Prerequisite: MU291

MU440 Worship Arts 3 credits
This course will serve as the “capstone” course for the concentration in Sacred Music. Students will examine many aspects of both traditional and contemporary worship. Special attention will be given to discussion and creation of ways in which to learn from various traditions of worship and ways in which to combine elements from a variety of styles into a cohesive whole, while maintaining theological and aesthetic solidity. Students will examine the use of all of the arts, not just music, into creating meaningful and faithful Christian worship. Topics will include Music, Theatrical Arts, Visual Arts, Movement Arts, and others.

MU479 Senior Recital /Senior Project 0 credits
Students majoring in music with an concentration in Applied Instrumental or Vocal must perform a 50-minute senior recital in the spring of their senior year. Students seeking licensure in music education must perform a 50-minute recital during their senior year (not while student teaching). All students must enroll in two credits of private lessons during the semester prior to and the semester of the recital. Students majoring in music with a concentration in Sacred Music must fulfill the Senior Project in consultation with the department chair.

MU480 Internship - Music Ministry Practicum 2 credits
Students enrolled in the Sacred Music concentration will be required to complete an internship during their final semester of study. This internship will expect that the student be directly involved in worship planning and leading through an assigned/approved local church. The specific nature of responsibilities will depend on the student and cooperating church, but will be pre-designated before the internship begins.
MU490  Topics in Music  1-3 credits
This course is designed to expose students to advanced study of various topics in Music.

ORGANIZATIONAL MANAGEMENT COURSES

OM301  Organizational Theory  3 credits
This course is an investigation of the theoretical models of organizations and the society in which they function.

OM302  Principles of Management  3 credits
This is a survey course in the functional areas of management including leading, controlling, planning, and organizing in a global environment.

OM310  Principles of Managerial Accounting  3 credits
This course is an introduction to concepts in accounting from the manager's perspective. Topics include cost-volume-profit analysis, costing, and budgeting.

OM320  Business Statistics  3 credits
Basic statistical concepts needed in the business environment are covered. The emphasis is on the use of statistical information.

OM330  Business Ethics  3 credits
Business ethics explores the philosophical foundations of ethical and unethical behavior in business.

OM340  Leadership  3 credits
Provides students with an opportunity to investigate, analyze, and apply various theories of leadership and associated concepts. These include, but are not limited to, effective leadership qualities and human relations, power of vision, leadership ethics, and communication and empowerment of personnel through goal-oriented professional development.

OM350  Introduction to Economics  3 credits
This course is an introduction to economics from a managerial perspective.
OM360  Principles of Marketing  3 credits
Students learn the 4 P's of marketing: product, price, promotion, and place, that combine to form the marketing mix. This course introduces marketing from the perspective of real people who make real marketing decisions at leading companies every day to reach today's increasingly savvy consumers.

OM370  Management Information Systems  3 credits
In this course the student will explore the relationship between hardware, software, systems, and humans in the organizational context.

OM380  Business and Society  3 credits
This course considers the complex relationship between organizations and the society in which they function.

OM410  Business Law  3 credits
This course is an introduction to the legal environment of business including tort and contract law as well as the regulatory environment.

OM425  Human Resources Management  3 credits
A survey of the field of human resource management and its functional areas: staffing, compensation, performance appraisal, and training. The course includes an introduction to equal employment law.

OM430  Strategy and Managerial Decision Making  3 credits
This course examines the development and deployment of strategy as a critical factor in organizational success.

OM440  Crisis Management  3 credits
The course develops managerial skills in crisis avoidance, management, and recovery. Students learn how to respond to situations creating danger to organizations, their employees, and the public.

OM450  Entrepreneurship  3 credits
This course provides students with practical business tools for starting a new business. Emphasis is placed on the four key aspects of the entrepreneurial process: opportunity assessment, developing the business plan, determining required resources, and managing the enterprise.
PHYSICS COURSES

Physics courses supplement the requirements for general education and certain majors and minors. There is no Physics major, minor, or Education Licensure.

PH108  Introduction to Physical Science  3 credits
This is a survey course which meets the general education requirement for physical science. A broad range of topics will be discussed, including the scientific method of problem solving, astronomy, heat, machines, electricity, waves, chemical reactions, meteorology, and the future (and past) of science. This is a non-lab course and does not meet the physical science course requirement for biology or chemistry education. (Spring)

PH110  Physical Science  4 credits
An integrated course covering aspects of physics, chemistry, Earth science, and astronomy. Meets one of the general education requirements for a lab science. This course meets twice a week in a lecture/lab setting. (Fall)

PH210  Physics I  5 credits
An introduction to the concepts and application of physical laws of physical systems. The first course includes an introduction to mechanics and thermodynamics. Four lecture classes and one laboratory session per week. Prerequisite: MA150. (Fall)

PH211  Physics II  5 credits
Topics in this course include an introduction to wave phenomenon, sound, electricity, and magnetism. Prerequisite: PH210. (Spring)

PH212  Physics III  4 credits
Topics in this course include optics, electromagnetic radiation, and relativity. Prerequisite: PH211. (As announced.)

PH220  Applications of Calculus to Physics I  1 credit
An addition to PH210 for students wishing to take a five-hour Engineering Physics course. Meets one hour, one day per week. Concurrent enrollment in PH210 required. Prerequisite: MA200. (As announced.)
PH221 Applications of Calculus to Physics II  
An addition to PH211 for students wishing to take a five-hour Engineering Physics course. Meets one hour, one day per week. Concurrent enrollment in PH211 required. Prerequisite: MA200. (As announced.)

PH394 Directed Readings in Earth and Space Science  
1-3 credits  
Prerequisite: Junior standing or consent of instructor. (As announced.)

REAL ESTATE COURSES

RE320 Real Estate Investment/Finance  
3 credits  
Study and application of leadership techniques with focus on motivation, problem solving, conflict resolution, and teamwork. (Interterm/Even Years)

RE325 Real Estate Principles  
3 credits  
Introduction to foundational real estate concepts. Students will be exposed to basic real estate concepts and practices. (Spring/Even Years)

RE329 Real Estate Appraisal  
3 credits  
Introduces property valuation concepts with the focus on common terminology, methods, and procedures. (Fall/Odd Years)

RE420 Real Estate Development  
3 credits  
Examination of real estate development practices and procedures with focus on planning, design, feasibility, finance, and construction. (Spring/Odd Years)

RE425 Real Estate Market Analysis  
3 credits  
Study and practice of real estate market analysis with focus on the supply and demand factors needed to properly assess any market. (Fall/Even Years)

SPECIAL EDUCATION COURSES

SE210 Introduction to Infants, Children, and Youth With Special Needs  
3 credits  
This course provides an overview of categorical exceptionalities delineated in the law, service delivery systems, advocacy groups, the concept of least restrictive alternatives, and the purpose and function of the IEP. The course is designed to introduce pre-service teachers to handicapping conditions of children enrolled in regular education and give them alternatives for instruction and assessment of these conditions.
students. It also serves as a foundation for teachers wishing to focus on the area of special education. 20 hours field experience is required. (Fall/Spring)

SE220  Field Experience in Services for Students with Special Needs  1 credit
An early field placement for directed observation of special education teachers working with elementary or secondary-level students with mild/moderate disabilities. (Fall/Spring)

SE310  Foundations for Special Education Services  4 credits
This course addresses historical perspectives and current practices, laws, regulations, and policies governing practice, and affects of individual differences, language, and culture on educational performance. The course includes a supervised field experience. (Fall/Spring)

SE315  General Methods for Special Education Services  4 credits
This course addresses assessments used for eligibility, placement and curricular decisions, the special education process from pre-identification through individual program implementation, and effective collaboration and communication skills with diverse learners, families, colleagues, and community stakeholders. The course includes a supervised field experience. Prerequisite: SE310.  (Fall/Spring)

SE320  Beginning American Sign Language  2 credits
This course provides a beginning study of ASL structure and teaches ASL, a visual-gestural language, using second language teaching techniques and learning strategies. American Sign Language is the sign language of the deaf community in the United States. This class is intended as an elective education course. (Fall/Spring)

SE321  Grades K-6 Methods for Special Needs  4 credits
This course addresses IEP implementation using evidence-based practices. Emphasis is on collaborative teaching models. Topics of study include lesson planning; basic skill and content area instruction; adapting methods and materials; positive behavior supports; and progress monitoring. Includes supervised field experience. SE331 Grades K-6 Field Experience must be taken concurrently. Prerequisites: SE310 and SE315.  (Fall/Spring)
SE322   Intermediate American Sign Language      2 credits
This course provides an intermediate study of ASL structure and teaches ASL, a visual-gestural language, using second language teaching techniques and learning strategies. Prerequisite: SE320. (Fall/Spring)

SE331   Grades K-6 Field Experience      1 credit
This course is a supervised field experience with children in grades K-6 who have an identified disability. The course will emphasize evidence-based practices and techniques presented in SE321. Students will participate in IEP development, lesson planning, and instruction. SE321 must be taken concurrently. Prerequisites: SE310 and SE315. (Fall/Spring)

SE345   Behavior Management      2 credits
This course addresses culturally sensitive methods for preventing and intervening with problem behavior. Topics include school-wide discipline systems, classroom management, social skills instruction, student support meetings (Module A) and functional analysis, non-aversive intervention, and behavior intervention plans (Module B). (Fall/Spring)

SE361   Grades 6-12 Methods for Special Needs      4 credits
This course addresses IEP implementation, including transition components. Emphasis is on self-determination, self-advocacy, career awareness, and post-school options in specific outcome areas. Topics of study include curriculum standards, lesson planning, basic skills instruction, learning strategies, adapting methods, materials and assessments, positive behavior supports, and progress monitoring. SE371 must be taken concurrently. Prerequisites: SE310 and SE315 or permission of ACCK instructor. (Fall/Spring)

SE371   Grades 6-12 Field Experience      1 credit
This course is a supervised field experience with children in grades 6-12 who have an identified disability. The course will emphasize evidence-based practices and techniques presented in SE361. Students will participate in IEP development, lesson planning, and instruction. SE 361 must be taken concurrently. Prerequisites: SE310 and SE315. (Fall/Spring)
SE380  Topics in Special Education  1 credit
This class deals in depth with a specific topics related to infants, toddlers, children or youth with disabilities or developmental risk conditions and/or their families. (As announced)

SE381  Grades K-12 Functional Resources  4 credits
This course focuses on building an understanding of how to plan and implement effective instruction for students with functional learning needs. Topics of study include service delivery options, personal profile assessments, community based instruction, principle of partial participation, student instruction matrix, complex health, physical, and emotional needs, related service providers, and social networks. Includes a supervised field experience within various service delivery models. (As announced)

SE431  Grades K-6 Clinical Experience  5 credits
A supervised teaching experience with a special educator who provides services for elementary level students with adaptive learning needs. The pre-service teacher will work collaboratively with the cooperating special educator, families, and school team members to apply research-based knowledge of assessment, instruction aligned to IEP goals, and positive behavioral supports. Emphasis is on reflective, culturally sensitive practice. Prerequisites: SE210, SE310, SE315, SE345, and SE321 or SE331. Concurrent with or subsequent semester of SE499. (Fall/Spring)

SE433  Grades K-6 Internship  5 credits
A supervised teaching experience with an on-site mentor who provides or supervises services for elementary-level students with adaptive learning needs. Emphasis is on application of research-based content knowledge and pedagogy and reflective, culturally-sensitive practice. This internship is designed for practicing teachers adding grades K-6 adaptive endorsement or for students who have completed a special education clinical experience. Prerequisites: SE210, SE310, SE315, SE345, and SE321 or SE331. Concurrent with or subsequent semester of SE499. (Fall/Spring)

SE471  Grades 6-12 Clinical Experience  5 credits
A supervised teaching experience with a special educator who provides services for secondary level students with adaptive learning needs. The pre-service teacher will work collaboratively with the cooperating special educator, families, and school
team members to apply research-based knowledge of assessment, instruction aligned to IEP goals, and positive behavioral supports. Emphasis is on reflective, culturally sensitive practice. Prerequisites: SE210, SE310, SE315, SE345, and 361 or 371. Concurrent with or subsequent semester of SE499. (Fall/Spring)

**SE473 Grades 6-12 Internship**  
5 credits
This course is a supervised teaching experience with an on-site mentor who provides or supervises services for secondary level students with adaptive learning needs. Emphasis is on application of research-based content knowledge and pedagogy, and reflective, culturally sensitive practice. This internship is designed for practicing teachers adding grades 6-12 adaptive endorsement or for students who have completed a special education clinical experience. Prerequisites: SE210, SE310, SE315, SE345, and SE361 or SE371. Concurrent with or subsequent semester of SE499. (Fall/Spring)

**SE499 Capstone Issues**  
1 credit
This course is designed to provide students with an opportunity to reflect on their clinical experience or internship and professional role with peers, ACCK faculty, and special educators. Topics of discussion include ethical issues, advocacy, and professionalism, diversity, and resources. Prerequisites: SE210, SE310, SE315, SE345, SE321 and SE331 or SE361 and SE371. Concurrent with or previous semester of SE431 or SE471 or comparable internship. (Fall/Spring)

**Graduate Level Classes:**

**SE678 Topics in Special Education**  
1 credit
This class deals in depth with a specific topic related to children and youth with disabilities or developmental risk conditions and/or their families.

**Topic G: Current Issues in Special Education** - is designed to be taken by the practicing teacher returning for endorsement in special education or adding an adaptive endorsement to an existing endorsement in special education. It will be taken in lieu of SE310 for those that meet the qualification of three years of teaching children or youth with special needs, a letter documenting satisfactory performance, and a copy of teaching license and transcripts. This course will focus on bringing the students up to date on current laws, changes in the field of special education, and new information related to the characteristics of children and youth with special needs. (As announced.)
(While we do not offer a graduate degree, the above graduate level classes may be available through the ACCK for persons already holding a Bachelor’s degree.)

**THEATRE COURSES**

**TA105  Introduction to the Theatre  3 credits**
This course is a survey of the various arts of the theatre including playwriting, acting, directing, scenic and lighting design, costuming and makeup, and music and dance. Major goals of the course are to give an overview of the history of theatre and to explore the way theatre artists work, what methods they use, and how results are judged.

**TA110  Voice and Movement for the Actor  3 credits**
This course provides introductory training in both vocal and physical technique, through relaxation and exercise, to establish both physical and vocal discipline and control. Students will master a vocal regime while learning the concepts and vocabulary used in prominent movement-based actor training methods. This course will culminate in a group, movement-based program. (Spring/Even)

**TA114  Physical Activity-Rhythmic and Interpretive Dance (ES114)  1 credit**
Study and practice of skills in the art form concerned with communication of self-expression through movement. (Fall/Odd years)

**TA125  Acting  3 credits**
The course provides an introductory study of the principles of acting following the Stanislavsky system (and variations developed by prominent instructors who succeeded him) in order to prepare the student for the creative and practical demands of stage acting. Students will participate in exercise work focusing on concentration and public solitude, imagination, improvisation, observation, scoring physical actions, beat analysis, definition and pursuit of objective, and the defining and playing of physical action. (Fall)

**TA130  Oral Interpretation  3 credits**
This course focuses on the development of oral communication skills through research, analysis, organization, audience adaptation, and delivery centering upon the expressive presentation of classic and contemporary literature including prose, poetry, scripture, and other genres. Oral programs will include serious, informative,
inspirational, humorous, and persuasive purposes using original introductory, connective, and concluding material.

**TA155  Theatre Service Laboratory**  
1 credit  
Credit for participation in the theatrical productions. Requires a minimum of 30 hours, log, reflection paper, peer and instructor assessment. May be repeated for a maximum of four credits. For majors and minors. Instructor consent required.

**TA155S  Theatre Lab - General**

**TA155AS  Theatre Lab – Acting**  
Production work in acting including audition, casting, rehearsal, creating a role, and performance.

**TA155CS  Theatre Lab – Costuming/Makeup**  
Production work in costuming, makeup, and wardrobe. Other elements include project work and working with a group.

**TA155MS  Theatre Lab – Management**  
Production work in stage management, public relations and promotion, or theatre business operations. Other elements include project work and working with a group.

**TA155SCS  Theatre Lab - Stagecraft**  
Production work in properties, lighting, or scene construction. Other elements include project work and working with a group.

**TA200  Stagecraft I**  
3 credits  
Provides a fundamental knowledge of the planning, construction, painting, and rigging of stage scenery and stage properties. Students are introduced to theatrical drafting, reading plans, and building from scale drawings. In addition to formal class meetings, students are required to assist with the construction of scenery for Sterling College theatre productions. (Fall)

**TA205  Survey of Modern and Contemporary Drama**  
3 credits  
This course exposes students to the analysis of major plays starting with the early 20th century through the present. The class particularly considers the performance, sociopolitical, and aesthetic contexts of the plays. Students will read, analyze, and
discuss works by authors including, but not limited to, Brecht, Pirandello, Wilder, Rice, Miller, Williams, O’Neil, Rogers & Hammerstein, Beckett, Ionesco, Sartre, Gorky, Wilson, Kushner, Sondheim, Mamet, Stoppard, Shanley, and LaBute.  
(Spring/Even)

**TA210**  **Costuming**  
2 credits  
Survey of costume history to gain knowledge of various period styles and basic construction methods. Students will solve design problems through the use of sketches, pattern making, and construction of period costumes. Work with major production required. (Fall/Odd)

**TA215**  **Makeup**  
2 credits  
Basic makeup techniques practiced through exercises in Grecian proportions, old age, stout, and lean using the student’s own face as a canvas. Exploration of animal makeup, wig and beard construction, masks, prosthetics, and special effects.  
(Fall/Even)

**TA220**  **Introduction to Theatrical Design**  
3 credits  
An introductory course in theatrical design for the theatre designer, director, and performer. Students will complete exercises to explore the principles and elements of design as they relate to theatrical production. Projects and drawing exercises will be done in various art media in a studio format. (Spring/Odd)

**TA225**  **Intermediate Acting**  
3 credits  
This course is an intensive, yet practical, study of acting, using various acting techniques and exercises. This course will take as its focal point exercise work as opposed to intense scene study. Students will be equipped as actors with a solid foundation in objective driven, other oriented, moment to moment acting technique. Scene work, if any, will be drawn from modern and contemporary dramatic literature. Prerequisite: TA125 or consent of the instructor. (Fall/Odd)

**TA230**  **The Musical Theatre**  
3 credits  
A study of the history, practice, style, and technique of music theatre. The course gives students an understanding of the genres of music theatre and develops an appreciation for the history and styles of music theatre and an awareness of the unique production problems of music theatre. Usually taught in conjunction with the New York City theatre tour. (Interterm/Even)
TA250  Stagecraft II  3 credits
A course for theatre majors with a technical theatre concentration that trains the student for managing a theatre shop. Instruction is provided in advanced construction techniques, welding, pyrotechnics, and people managing skills. This course requires a weekly lab in addition to the class for supervised practice of class skills and production process. Prerequisite: TA200 or consent of the instructor.  (Spring/Even)

TA289  Topics in Theatre  3 credits
This course is designed to expose students to various topics in Theatre Arts including, but not limited to, acting in Shakespeare, musical theatre, and scenic painting.  (Interterm/Odd)

TA325  Advanced Acting  3 credits
Following the Intermediate Acting course, this class includes a more demanding scene study component. Scene work will draw upon dramatic works ranging from Ibsen to contemporary playwrights. Students will be expected to consider the literary and historical context, as well as the conditioning forces, while integrating and applying techniques studied throughout their course of study. Majors and minors only. Prerequisites: TA125 & TA225, or consent of the instructor.

TA350  History of Costume and Décor  3 credits
This course will explore how a particular culture in a period of history represents itself through the visual artifacts of its clothing, buildings, decorations, and furniture. The class will also discuss politics, social attitudes, and economic conditions as sources for creating a theatrical production in an appropriate historical milieu. This course will introduce and refine skills necessary for identification of period style.  (Interterm/Odd)

TA351  Theatre History I  3 credits
Theatre history, literature, theory, and criticism from ancient Greece to 1800. Study of the physical theatre, production methods and styles, acting, and dramatic structures, as well as philosophical, social, political and cultural perspectives is included. Theatre research methods and writing.  (Writing Intensive) (Fall/Even Years)
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>TA352</td>
<td>Theatre History II</td>
<td>3</td>
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<td></td>
<td>Theatre history, literature, theory and criticism from 1800 to present. Study of the physical theatre, production methods and styles, acting, and dramatic structures, as well as philosophical, social, political and cultural perspectives is included. Students are exposed to the theatre of Latin America, Asia, and Africa. Theatre research methods and writing. (Writing Intensive) (Spring/Odd Years)</td>
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<tr>
<td>TA360</td>
<td>Directed Readings in Theatre</td>
<td>1-3</td>
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<td>For majors or minors only by arrangement with the department.</td>
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<tr>
<td>TA370</td>
<td>Directing</td>
<td>3</td>
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<td>Study and application of directing methods: analysis, communication, interpretation. Students will direct scenes and produce a one-act play completing a process of audition, rehearsal, and staging. Study of composition, picturization, movement, rhythm, and stylization as well as the role and responsibilities of the director, including production meetings and theatre safety. Prerequisites: TA125 and TA200 or consent of instructor. (Spring)</td>
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<tr>
<td>TA380</td>
<td>Independent Study in Theatre Arts</td>
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<td>This course provides an opportunity to conduct in-depth research in an area of interest in Theatre Arts.</td>
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<tr>
<td>TA485</td>
<td>Practicum in Theatre</td>
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<td>Supervised experience working in professional settings in theatres, summer stock, theme parks, or similar theatre related entities. The student, department, and cooperating agency contract for area of responsibility, supervision details, and on-going and final evaluation. (Each semester)</td>
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<tr>
<td>TA489</td>
<td>Topics in Theatre</td>
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<td>This course is designed to expose students to various topics in Theatre Arts including, but not limited to, acting in Shakespeare, musical theatre, and scenic painting. (Interterm/Odd)</td>
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<tr>
<td>TA490</td>
<td>Senior Project</td>
<td>3</td>
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<tr>
<td></td>
<td>Performance or research projects in theatre arts. (Each semester)</td>
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**TA495  Theatre Arts Senior Seminar  1 credit**
Preparation for graduate school, teaching, and the theatre profession through the preparation of a portfolio, audition materials, and resume. Application process to graduate programs, auditions through organizations like URTA, and career development strategies are covered. (Spring)

**THEOLOGY AND MINISTRY COURSES**

**TM102  Introduction to the Old Testament  3 credits**
This course examines the major themes of the Hebrew and Aramaic Scriptures through the study of selected passages, ranging from Genesis to Malachi. It provides an overview of the respective covenants of the Old Testament and its different genres. (Every semester)

**TM103  Introduction to the New Testament  3 credits**
This course examines the major themes of the New Testament through the study of selected passages, ranging from Matthew to Revelation. It explores the life, death, and resurrection of Jesus Christ and the church’s establishment, growth, and contemporary challenges. (Every semester)

**TM105  Basic Christian Philosophy  3 credits**
An introduction to the basic philosophic concerns of metaphysics, logic, epistemology, ethics, and aesthetics. This will involve a survey of major philosophic problems and the answers proposed by various major philosophers. A biblical and theological framework for thinking Christianly about philosophy will be presented.

**TM107  Training for Cross-Cultural Ministry  1 credit**
This course examines the area of the global interconnectedness of Christian ministry, exploring the challenges of multi-ethnic cultural diversity. The focus is on preparing students for cross-cultural ministry opportunities, in the United States and abroad. Through a theological and anthropological study of key dimensions of cultural differences, students are enabled to foster international relations and better avoid cross-cultural misunderstandings. A pass/fail grade will be given. (Spring)

**TM108  Cross-Cultural Ministry Reflection  2 credits**
This course follows TM107 and includes the two or three week Mission trip and requires an intentional debriefing and written reflection on the trip expressed in a paper that gives a report on the trip and applies the taxonomy of key dimensions of cultural differences to the mission trip. (Fall)
TM202  Pentateuch Literature  3 credits
This course is a study of the first five books of the Old Testament. It examines biblical narratives such as the accounts of creation, the fall, the choosing of Abraham, the exodus, and the giving of the Law. Theological issues explored will include the nature of God, human nature, the Hebraic worldview, the covenantal relationship with God, and His program to redeem the world. Prerequisite: TM102. (Fall/Even Years)

TM203  Biblical Hebrew I  3 credits
This course introduces students to the grammar, syntax, and vocabulary of Biblical Hebrew. Students will begin to read elementary texts from the Hebrew Old Testament scriptures. (Fall/Even Years)

TM204  Biblical Hebrew II  3 credits
A continuation of the work started in Biblical Hebrew I, developing further skills in grammar, syntax, and vocabulary. Students will read a variety of Hebrew texts from the Old Testament. (Spring/Odd Years)

TM209  Urban Entry  3 credits
Through a variety of teaching methods, this course prepares students for internships in urban settings. Students will also be involved in urban ministry in a variety of places, possibly including the Denver Urban Semester and World Impact in Wichita. This will raise students’ awareness of urban realities, their inner responses to these realities, and models of Christian response to urban issues. (Spring/Odd Years)

TM214  Biblical Prophecy  3 credits
This course focuses on the background, content, and purpose of the Old Testament prophets, and the reality of prophetic ministry. Prerequisites: TM102 or consent of instructor. (Spring/Even Years)

TM217  Wisdom Literature and Poetry  3 credits
This course is an introduction to the wisdom literature and poetry of the Old Testament. Particular attention is given to Psalms, Proverbs, Ecclesiastes, and Job. Prerequisites: TM102 and sophomore standing or consent of instructor. (Spring/Odd Years)
TM230  New Testament Greek I (LL230)  3 credits
This course equips students with a fundamental understanding of grammar, syntax, and vocabulary of biblical Greek. (Fall/Odd Years)

TM231  Logic  3 credits
Introduces the student to the basic components of sound argumentation. Students explore the use and meaning of language in order to differentiate between cognitive and emotive responses to ideas. Employing principles of logic, the student will learn to identify false logic, critique arguments, show proofs that are coherent and consistent, and use symbols and formulas of logic. (As announced)

TM232  New Testament Greek II (LL232)  3 credits
A continuation of TM230 equipping students with a fundamental understanding of grammar, syntax, and vocabulary of biblical Greek. (Spring/Even Years)

TM245  Homiletics  3 credits
Students will develop a methodology and biblical basis for preaching in order that the student can present the truth of God’s Word in a manner which enhances its meaning and persuades listeners. (Spring/Even Years)

TM247  Instructional Bible Study  3 credits
Beginning at ground level, this course reviews the basic importance of individual Bible study and then the methodology and preparation for teaching others effectively in Bible study classes. Instruction and discussion develop three key steps to effective study: observation, interpretation, and application. (Fall/Even Years)

TM252  Urban Leadership  3 credits
This course teaches students how to examine and take care of their soul in order to be people with the ability to lead in difficult places in the world. The goal is to develop leaders who have a true sense of self, become aware of God’s transformative invitation, and become leaders who value “being” instead of merely “doing”. (Summer)

TM253  Spirituality and Prayer  3 credits
This course enables students to take responsibility for their own spiritual growth and to empower others to do the same by introducing them to a variety of tools, both ancient and contemporary, used to foster spiritual growth. Prayer in its myriad
forms is a central focus of the course. The learning environment will be practical and experimental as well as theoretical. (Fall/Odd Years)

**TM254  Spiritual Formation  3 credits**
This course prepares students for a ministry directed toward facilitating spiritual maturity. An emphasis is placed on spiritual formation of both minister and congregation, and to their interrelatedness. Focused consideration is given to biblical principles and processes, including the teachings of Jesus and the work of the Holy Spirit, as well as to the dynamics of discipleship. Students will examine the process of spiritual formation in three movements: Upward (relationship with God), Inward (relationship to ourselves), and Outward (relationship to others). (Fall/Even Years)

**TM260  Contemporary Trends in Worship  3 credits**
This course examines contemporary trends in Christian worship. In a comparative study styles such as formal-liturgical, traditional (hymn-based), revivalist, contemporary, charismatic, seeker-sensitive, blended, and emerging church worship styles are probed, valued, and discussed from a Trinitarian perspective. Students are expected to demonstrate and assess the broad scope of present-day approaches. (Fall/Even Years)

**TM261  Case Studies and Sources in Missiology  3 credits**
This course examines a wide range of basic texts in Missiology (the science of missions) including biblical, historical, and cultural/anthropological sources. Issues of mission praxis are further highlighted by discussing actual case studies of dilemmas and predicaments encountered in practical mission situations. (Fall/Odd Years)

**TM262  World Religions  3 credits**
This course examines the major non-Christian religions of the world such as Hinduism, Buddhism, and Islam from a Christian perspective and probes the issue of the salvific uniqueness of Jesus. (Spring/Even Years)

**TM272  Jesus and the Gospels  3 credits**
Students engage in a study of the different perspectives of the four gospel writers concerning Jesus and His ministry. Consideration is given to how and why the gospel writers wrote and to the “historical Jesus” debate. Prerequisite: TM103 or consent of instructor. (Fall/Odd Years)
**TM275 Johannine Literature**  
This course studies the Fourth Gospel, the epistles of First, Second, and Third John, and Revelation. Students will consider the Gospel of John's relationship with the Synoptics, the themes and theological contributions of the epistles, and the unique genres and interpretative challenges of the last book of the Bible.  
Prerequisite: TM103. (Spring/Even Years)

**TM277 Pauline Literature**  
In this course, the letters of the apostle Paul are examined with respect to their historical and literary context in order to determine their respective purposes.  
Prerequisite: TM103 or consent of instructor. (Fall/Even Years)

**TM279 Leadership and Administration**  
Attention is given to the spiritual qualities a Christian leader must possess, different leadership styles, and the recruitment and training of lay leaders for various ministries in the church (e.g. education, worship, pastoral, etc.). (Spring/Odd Years)

**TM281 Church History and Missions I**  
This course provides a chronological overview of the spread and progress of Christianity from Apostolic times up to the Protestant Reformation, including doctrinal developments and missionary activities. (Fall/Odd Years)

**TM282 Church History and Missions II**  
This course continues a survey of the key figures and movements that have contributed to the spread and progress of Christianity from the Protestant Reformation to the present, including doctrinal developments and missionary activities. (Spring/Even Years)

**TM284 Introduction to Missions**  
This course examines the biblical foundation of Christian mission, its history and practice. It focuses on communicating the Gospel of Jesus Christ in the contemporary world, incorporating the challenge of issues of culture, worldview, ethnicity, and different religions. (Fall/Even Years)
TM286  Research Methods  1 credit
This course is required for all Biblical Studies and Christian Ministries majors, as it exposes students to the research skills and methodologies needed to conduct significant and appropriate research in biblical and theological studies. (Spring)

TM289  Topics in Christian Ministry  1-3 credits
This course is designed to expose students to various topics in Ministry.

TM321  Adolescent Culture and the Gospel  3 credits
This course revolves around three issues: (1) What is the nature of culture, generally, and pop and youth culture more specifically? (2) How do the systems of contemporary culture affect young people in our society? (3) How can we keep track of all that is going on in youth culture and apply our information to ministry? This course attempts to raise students’ professionalism, their ability to respond to the needs of young people, and their effectiveness in communicating the Gospel. (Spring/Even Years)

TM322  Urban Ministry  3 credits
Change in our urbanizing world calls for a new type of leadership within our city churches; a generation of leaders who have roots in the community and are strong in the classic practices of their faith, while being innovative in response to the changing social landscape. This course is designed to help emerging leaders develop the spiritual tools for a sustainable form of spiritual living and Christian leadership in low-income and high-risk urban settings. (Summer)

TM327  Doctrine of the Holy Spirit  3 credits
This course examines the biblical teaching on the Third Person of the Holy Trinity and explores the development of the doctrine of the Holy Spirit in the history of the Christian church. The major focus will be on systematic-theological reflection as well as contemporary issues such as charismatic gifts, discernment, Spirit-baptism, and religious experience. Prerequisite: TM266 or consent of the instructor. (Spring/Even Years)

TM328  Biblical Theology of Worship  3 credits
This course explores the biblical and historical foundations of worship. Students will start developing their own theology of worship. The course also includes the practice of worship, incorporating the elements of time, space, and sound in the services of worship. (Fall/Odd Years)
TM330  New Testament Greek III (LL330)  3 credits
This course is a continuation of New Testament Greek II, strengthening the student's command of Greek syntax, exegesis, and textual criticism, and focusing on exegeting biblical passages to be used for preaching or teaching. Prerequisites: TM230 and TM232 or consent of instructor. (Fall/Even Years)

TM332  New Testament Greek IV (LL332)  3 credits
This course is a continuation of New Testament Greek III through the reading of a variety of New Testament and early Christian texts. (Spring/Odd Years)

TM340  Gender and Ethnic Issues in Ministry  3 credits
This course examines issues of gender, ethnic, and socioeconomic diversity as it pertains to leadership and ministry in the church. Course discussions focus on theological and practical concerns relating to the role of women in the church, the relationships that leaders maintain with members of the opposite sex, and the dynamics and pertinence of ethnic diversity within vocational ministry. (Spring/Odd Years)

TM348  Biblical Hermeneutics  3 credits
This course deals with the art of interpretation and the principles of interpretation of biblical genres. Genres include law, poetry, narration, epistles, Gospels, prophecy, apocalyptic writings, parables, wisdom, and songs. Prerequisites: TM102, TM103, and sophomore standing. (Writing Intensive) (Fall/Odd Years)

TM357  Introduction to Youth and Family Ministry  3 credits
The purpose of this course is to explore the general themes of Youth Ministry. As an introductory course into the Youth Ministry concentration, this course will survey the different models of youth ministry, probe the interface between youth and family relationships, and introduce a theological foundation for youth ministry. (Spring/Odd Years)

TM358  Global Urbanization  3 credits
This course is designed to offer students tools for understanding global urbanization, in local contexts such as Denver, CO, and analytical tools to help leaders develop effective responses. (Summer)
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM359</td>
<td>Theological Issues in Youth Ministry</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>This course considers the purpose of youth ministry in the local church. It will examine the theological environment of youth ministry, give consideration to youth ministers as theological professionals, and help students build a personal theology of youth ministry. (Fall/Odd Years)</td>
<td></td>
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<tr>
<td>TM360</td>
<td>Internship in Christian Ministries</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>This course involves direct participation in ministerial training and responsibilities by a student with sophomore status. Students will serve a minimum of 150 hours in an internship (either volunteer work or a temporary paid position) supervised by an experienced professional in some form of Christian Ministry. This course is required of all CM majors and the nature of the service (usually done during the summer) is determined by the student’s concentration and requires prior approval from the instructor. (Fall)</td>
<td></td>
</tr>
<tr>
<td>TM366</td>
<td>Basic Christian Doctrine</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>This course considers the major tenets of the Christian faith, their biblical basis, and present relevance to life. Topics such as God, revelation, angels, humanity, sin, Christ, the Holy Spirit, salvation, the Church, the sacraments, and the future are studied. Prerequisites: TM102 and TM103 or consent of instructor. (Every semester)</td>
<td></td>
</tr>
<tr>
<td>TM370</td>
<td>Spiritual and Pastoral Formation of Youth</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>This course surveys the field of spiritual and pastoral formation and will closely examine the particular spiritual formation needs of students in youth ministry today. It will also help students develop an individual pastoral formation plan for their future ministry experience. (Spring/Odd Years)</td>
<td></td>
</tr>
<tr>
<td>TM392</td>
<td>Service Component</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>Every student who is majoring in the department takes the initiative in creating, developing, and providing some form of hands-on voluntary service to an agency or ministry in which they can utilize the skills and insights acquired from their studies in the department. The departmental instructor for this course must approve the proposed service in advance. A pass/fail grade will be given. (Fall)</td>
<td></td>
</tr>
<tr>
<td>TM394</td>
<td>Directed Readings</td>
<td>1-3</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Junior standing.</td>
<td></td>
</tr>
</tbody>
</table>
TM397  Independent Study  1-3 credits
Prerequisite: Junior standing. (As announced)

TM439  Christian Ethics  3 credits
This course provides an introduction both to ethical theory and moral decision-making. It serves as a core requirement for all minors in Christian Ministries. It examines philosophical and theological foundations of Christian ethics as well as case studies in areas such as bio-medical, sexual, environmental, and legal ethics. (Writing Intensive) (Spring)

TM466  Senior Project: Curriculum Design  2 credits
This course is for Christian Ministry majors only. It exposes students to the fundamental issues pertaining to curriculum theory and development. The course prepares students to develop and implement an integrated curriculum in church settings. Students work to design a proposed curriculum and critique various existing curricula. Emphasis is placed on the development of creative abilities. Prerequisite: Senior standing (Fall)

TM470  Philosophy and Christian Thought  3 credits
This course examines the close interaction between philosophical and theological thought. Traditional and current arguments for God’s existence, the validity of religious experience, and problems foundational to the Christian faith are explored. An understanding of the effect of postmodern culture and thought is developed. Prerequisite: Junior standing or consent of instructor (As announced)

TM471  Christian Apologetics  3 credits
In this course students will develop their ability to formulate a consistent Christian apologetic, critiquing both non-theistic and pseudo-Christian approaches and to analyze effectively divergent systems of apologetics. (Spring/Odd Years)

TM484  Contemporary Christian Thought  3 credits
An introduction to contemporary theological issues within the framework of Christian thought. Students study mostly twentieth century schools, such as: modernism, Pentecostalism, neo-orthodoxy, post-Vatican II Catholicism, future-oriented theologies, liberation theology, feminism, narrative theology, evangelicalism, post-modernity, charismatic theologies, and trends in majority-world thinking. Prerequisite: TM266. (Spring/Even Years)
**TM489  Topics in Christian Ministry  1-3 credits**
This course is designed to expose students to advanced study of various topics in Ministry.

**TM499  Senior Thesis  2 credits**
This course, which is required of all Biblical Studies majors, involves in-depth research and the production of a biblical or theological paper. *(Writing Intensive)*
Prerequisite: Senior standing. (Fall)
Sterling College offers several degree completion majors through online delivery:

Christian Ministries*
Elementary Education
Organizational Management
Theological Studies*

Two secondary (6-12) education fields:

History with History and Government Licensure
Mathematics

Adaptive Special Education Add-on Endorsement

Professional Studies Program: This program is designed to assist students to obtain teaching licensure when they already have a Bachelor’s degree in an area for which Sterling Teacher Education Program (STEP) is approved to provide licensure.

Some of the courses required for degrees leading to education licensure include a fieldwork component to be completed in your community.

*Course requirements are different for these SC Online programs than for traditional on-campus programs. Requirements for these programs are listed below. All other programs follow the same requirements as traditional on-campus programs.

Academic Calendar for Online Programs 2013-2014

<table>
<thead>
<tr>
<th>Session</th>
<th>Date</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 1</td>
<td>August 26</td>
<td>Fall 1 Courses Start</td>
</tr>
<tr>
<td></td>
<td>August 30</td>
<td>Add-Drop Period ends at 5 PM</td>
</tr>
<tr>
<td></td>
<td>September 23</td>
<td>Withdrawal deadline 5 PM</td>
</tr>
<tr>
<td></td>
<td>October 14</td>
<td>Fall 1 Courses End</td>
</tr>
</tbody>
</table>
Fall 2
October 21  Fall 2 Courses Start
October 25  Add-Drop Period ends at 5 PM
November 18 Withdrawal deadline 5 PM
December 16 Fall 2 Courses End

Spring 1
January 27  Spring 1 Courses Start
January 31  Add-Drop Period ends at 5 PM
February 24  Withdrawal deadline 5 PM
March 17  Spring 1 Courses End

Spring 2
March 24  Spring 2 Courses Start
March 28  Add-Drop Period ends at 5 PM
April 21  Withdrawal deadline 5 PM
May 12  Spring 2 Courses End

Summer 1
May 19  Summer 1 Course Start
May 23  Add-Drop Period ends at 5 PM
June 16  Withdrawal deadline 5 PM
July 6  Summer 1 Courses End

Summer 2
July 7  Summer 2 Courses Start
July 11  Add-Drop Period ends at 5 PM
August 4  Withdrawal deadline 5 PM
August 24  Summer 2 Courses End

**Academic Netiquette**

The Digital Age has fostered non-traditional forms of written communication that are meant to accommodate a fast-paced society. However, students are expected to use the traditional rules of grammar and mechanics in online courses. Even in discussion forums, students should write in complete sentences and properly spell and punctuate. Lack of “academic netiquette” will result in lower scores on assignments.

**Withdrawing from Courses and/or Programs**

To officially withdraw from a course or program a student must obtain a withdrawal form from the Sterling College Online division of Sterling College.
To obtain the form, the student should contact an Online Student Services Counselor. Financial aid and tuition and fees may be affected by withdrawal.

**Spiritual Formation Requirements**

Sterling College is deeply committed to the spiritual growth of students. Consequently, all online students must complete 11-13 credit hours of Theology and Ministry. For the online Bachelor of Arts degrees in Christian Ministries and Theological Studies, these credit hours are earned through the following courses:

- GD105: Foundations of Servant Leadership
- TM1045: Introduction to Old and New Testament
- TM3055: Basic Christian Doctrine and The Holy Spirit

For the online Bachelor of Science degrees in Elementary Education, History, and Mathematics, the credit hours are earned through the list of courses below:

- GD105: Foundations of Servant Leadership
- TM102: Introduction to Old Testament
- TM103: Introduction to New Testament
- TM266: Basic Christian Doctrine
- TM440: Philosophy for Faith and Life

**Sterling College Online Christian Ministries Major (BA)**

**Course Requirements:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GD1051</td>
<td>Foundations of Servant Leadership</td>
<td>1 credit</td>
</tr>
<tr>
<td>TM1045</td>
<td>Introduction to Old and New Testament</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM1075</td>
<td>Cross-Cultural Studies</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM2405</td>
<td>Christian Education and Leadership</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM2485</td>
<td>Methods in Bible Study</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM2745</td>
<td>Missions and Theology of Religions</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM2835</td>
<td>Church History and Mission I and II</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM3055</td>
<td>Basic Christian Doctrine and the Holy Spirit</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM3105</td>
<td>Philosophical Concepts and Christian Thought</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM3115</td>
<td>Worship: Theology and Trends</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM3385</td>
<td>Youth Ministry</td>
<td>5 credits</td>
</tr>
<tr>
<td>TM3923</td>
<td>Service Component</td>
<td>3 credits</td>
</tr>
<tr>
<td>TM4395</td>
<td>Ethics</td>
<td>5 credits</td>
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</table>
Sterling College Online Theological Studies Major (BA)

**Course Requirements:**

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>GD1051</td>
<td>Foundations of Servant Leadership</td>
<td>1</td>
</tr>
<tr>
<td>TM1045</td>
<td>Introduction to Old and New Testament</td>
<td>5</td>
</tr>
<tr>
<td>TM1075</td>
<td>Cross-Cultural Studies</td>
<td>5</td>
</tr>
<tr>
<td>TM2155</td>
<td>Old Testament Studies</td>
<td>5</td>
</tr>
<tr>
<td>TM2315</td>
<td>Introduction to New Testament Greek I and II</td>
<td>5</td>
</tr>
<tr>
<td>TM2485</td>
<td>Methods in Bible Study</td>
<td>5</td>
</tr>
<tr>
<td>TM2755</td>
<td>New Testament Studies</td>
<td>5</td>
</tr>
<tr>
<td>TM2835</td>
<td>Church History and Mission I and II</td>
<td>5</td>
</tr>
<tr>
<td>TM3055</td>
<td>Basic Christian Doctrine and the Holy Spirit</td>
<td>5</td>
</tr>
<tr>
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<td>Philosophical Concepts and Christian Thought</td>
<td>5</td>
</tr>
<tr>
<td>TM3923</td>
<td>Service Component</td>
<td>3</td>
</tr>
<tr>
<td>TM4105</td>
<td>History of Philosophy and Christian Thought</td>
<td>5</td>
</tr>
<tr>
<td>TM4395</td>
<td>Ethics</td>
<td>5</td>
</tr>
<tr>
<td>TM4995</td>
<td>Research Methods and Thesis</td>
<td>5</td>
</tr>
</tbody>
</table>

**TOTAL:** 64 credits

**THEOLOGY AND MINISTRY ONLINE COURSE DESCRIPTIONS**

**TM1045  Introduction to the Old and New Testament  5 credits**

This course examines the major themes for both the Hebrew Scriptures or Old Testament through the study of selected passages, ranging from Genesis to Malachi; and the major themes of the New Testament, ranging from Matthew to Revelation. Attention is paid to the covenant structure of the Bible and its different literary genres. *Meets General Education requirement.*

**TM1075  Cross-Cultural Studies  5 credits**

This course examines the area of the global interconnectedness of Christian ministry today, exploring the challenges of multi-ethnic cultural diversity. Through a theological and anthological study of dimensions, such as our concepts of time, event, space, reasoning, task, crisis, vulnerability, relationships, status, group-consciousness, etc., students are enabled to foster cross-cultural and international relations and better avoid conflict.
TM2155  Old Testament Studies  5 credits
Within the field of the Old Testament this course is focused on two areas: the background, content, and purpose of biblical prophets and their writings, and an introduction to the poetry and wisdom literature in books such as Psalms, Proverbs, Ecclesiastics, and Job.

TM2315  Introduction to New Testament Greek I and II  5 credits
This course equips students with a fundamental understanding of the grammar, syntax, and vocabulary of biblical Greek, leading to the reading of selected New Testament Greek texts.

TM2405  Christian Education and Leadership  5 credits
This course provides an overview of Christian Education as a mission of the church. A variety of vocational options are explored as well as the leadership styles and spiritual qualities of Christian leaders. Students will be trained in principles and procedures for planning and structuring a program for Christian Education and in the selection and evaluation of teaching resources, as well as the recruitment and training of lay leaders and teachers for educational ministry.

TM2485  Methods in Bible Study  5 credits
Beginning at ground level, this course reviews the basic importance of individual Bible study with the aim of teaching others. Aspects addressed include exegesis, context, interpretation, genre, application and implementation. Skills in the presentation of a lesson are also developed in group context.

TM2745  Missions and Theology of Religions  5 credits
This course examines the biblical foundation of Christian mission, its history and practice. It focuses on communicating the Gospel in the contemporary world, incorporating the challenge of issues of culture, worldview, and ethnicity. It also provides a thorough study of the major non-Christian religions of the world from a Christian perspective and probes the issue of the salvific uniqueness of Jesus Christ.

TM2755  New Testament Studies  5 credits
Within the field of the New Testament this course is focused on two areas: the life of Jesus, reflected in the differing perspectives of the four gospel writers, asking how and why they wrote and then considering the “historical Jesus” debate, and
secondly on the letters of the apostle Paul in their historical and literary contexts, probing their respective purposes and content.

**TM2835  Church History and Mission I and II  5 credits**
This course provides a chronological overview of the spread and progress of Christianity from Apostolic times to the present, reflection on the development of ideas, and on missionary activities.

**TM3055  Basic Christian Doctrine and The Holy Spirit  5 credits**
This course reflects on the major tenets of the Christian faith, considering their biblical basis and present relevance to life. Topics studied include God, revelation, angels, humanity, sin, Christ, salvation, the church, sacraments and the future. Due to the traditional neglect of the doctrine of the Holy Spirit and its relevance in Christianity today it will receive more detailed attention. This will include biblical and historical background as well as contemporary issues of religious experience such as “Spirit-baptism” and charismatic gifts. *Meets General Education requirement.*

**TM3105  Philosophical Concepts and Christian Thought  5 credits**
Students are introduced to the basic divisions of philosophical thought such as cosmology, metaphysics, logic, epistemology, and ethics. The development of a Christian or biblical worldview is pursued. Students will also study contemporary expressions of Christian thought as expressed in twentieth century schools such as neo-Orthodoxy, Vatican II Catholicism, liberation theology, future-oriented theologies, feminism, narrative theology, Pentecostal and Charismatic theologies, and trends in majority-world thinking. *Meets General Education Requirement.*

**TM3115  Worship: Theology and Trends  5 credits**
This course explores the biblical and theological foundations of worship in the Old and New Testaments and the ministry of Christ as the “liturgist in the sanctuary” and leader of Christian worship. Contemporary trends are also studied comparatively including liturgical, traditional (or hymn-based), revivalist, seeker-sensitive, contemporary, charismatic, and emerging church styles. Students are expected to probe and assess the broad scope of present-day innovations in worship.

**TM3385  Youth Ministry  5 credits**
This course reflects on the distinctive nature of contemporary youth cultures, their influence on society, and application to Christian ministry. The role of the youth
minister is explored in relation to the needs of young people and the effective communication of the Gospel. Students are exposed to various models of youth ministry and introduced to the practical, administrative duties involved. Issues of family dynamics are also explored.

**TM3925  Service Component  5 credits**
Students take the initiative in creating, developing, and providing some form of practical voluntary service to a ministry or agency in which they can utilize skills and apply insight acquired from their academic study of Religion and Christian Ministry. The proposed service must be planned and approved in advance of the proposed service and reflected on later in group debriefing sessions.

**TM4105  History of Philosophy and Christian Thought  5 credits**
This course examines the historical development of philosophical thought from the ancient Greeks to the present and explores the interface of philosophical and religious thought, looking at issues such as traditional and current arguments for the existence of God and the validity of religious experience within the contemporary postmodern mindset.

**TM4935  Ethics  5 credits**
This course provides an introduction to ethical theory and moral decision making, i.e. the reflection on ways how we as humans ought to live and the process of making good and right choices regarding our behavior and actions. Major ethical systems include Virtue ethics, Divine command, Natural law, Social contract theory, Duty and Utilitarianism. Areas of application may include matters such as abortion, cloning, euthanasia, capital punishment, war, sexuality, and the environment.

**TM4995  Research Methods and Thesis  5 credits**
This course exposes students to the research skills and methodologies needed to conduct significant and appropriate research in biblical and theological studies. It guides students through in-depth research and the successful production of an academic paper.
Directory

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Minister and Farmer; Bar H Ranch, Inc

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Senior Vice President for Walgreens Company

Glennys Doane - Downs, KS
Volunteer in educational organizations

Dr. Daniel Fahrenholtz - Greeley, CO
Physician

Dr. Ray Farag - Wichita, KS
Teacher and Consultant, USD 259

Pam Head - Wichita, KS
Retired, CEO of American Red Cross, Kansas

Randall C. Henry - Sterling, KS
Attorney, Oswalt, Arnold, Oswald, and Henry

Matthew Jaeger - Minneola, KS
CEO, Emergent Green Energy, Inc.

Mary Horton Knecht - Wichita, KS
Fundraiser and Event Planner, Art Partners

Joe A. Lang - Wichita, KS
Retired Attorney

Rev. Dr. Steven Marsh – Edmond, OK
Executive Pastor, First Presbyterian Church, Edmond, OK

Heather McCreery - Estes Park, CO
Director of Finance, Markit on Demand

Daryl Nuss - San Diego, CA
Chief Executive Officer, National Network of Youth Ministries

K. Timothy O’Brien - Newport Beach, CA
Retired, Econo Lube N’ Tune

Charles S. Sale II - Capistrano Valley, CA
Exec. VP and CFO, Pacific Republic Mortgage Corp.

Carol Sibley - Minneola, KS
Wardrobe Consultant for Doncaster Clothing

Dr. Thomas C. Simpson - Sterling, KS
Physician, Retired
Anthony W. Thompson - Irvine, CA
CEO, Thompson National Properties

Jim Turner - Topeka, KS
President, Heartland Community Bankers Association

Talle Voorhies - Costa Mesa, CA
President and COO of TNP Securities

Jason West - Sterling, KS
Attorney, President, JaCam Chemicals

John Wilkey - Sterling, KS
Owner, Wilkey Farms

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Steve Marsh – Student Life

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Richard Henkle - Garden City, KS
Charles Larsen, Minden, NE
Rev. Donald L. Ray - Ellsworth, KS
Anna Lou Wyatt, Dodge City, KS

ADMINISTRATION
Marvin Dewey, 2009
Vice President for Institutional Advancement
M.Div, Sioux Falls Seminary; Ed.D., Peabody College of Vanderbilt University

Gary Kempf, 2011
Athletic Director
B.S., University of Kansas
Gregory P. Kerr, 2010  
Vice President for Academic Affairs, Academic Dean  
B.S., Cornell University; M.S., Colorado State University;  
Ph.D., University of Minnesota  

Scott Rich, 2008  
President  
B.S., The Master’s College; M.B.A., Liberty University  

Tina Wohler, 2006  
Vice President for Student Life, Dean of Students  
B.S. Kansas State University; M.S. Oklahoma State University  

ADMINISTRATIVE STAFF  
Sheila Bird, 2013  
Director of Planned Giving  
B.S., M.B.A, M.A.O.A., Midwestern Nazarene University  

Janet E. Caywood, 1995  
Registrar  
B.A., Sterling College  

Christian Dashiell, 2010  
Chaplain and Director of Campus Missions  
B.S., Sterling College; M. Div, Central Baptist Theological Seminary  

Dennis Dutton, 1988  
Director of Admissions  
B.A., Sterling College; M.A., Goucher College  

Michelle Hall, 1992  
Controller  
B.S., Friends University  

Rita Ownbey, 2013  
Director of Finance  

Lisa Parsons, 2010  
Career Services and First Year Program  
B.S., Fort Hays State University; M.S., Kansas State University  

Mykeal Pitts, 2011  
Director of Information Technology  
B.A., University of Central Florida; M.A. Florida State University
Mitzi Suhler, 2007
Director of Financial Aid
B.S., Ottawa University

Karin Swihart, 2008
Director of Marketing Communications and Presidential Communications
B.A., Sterling College; M.A., Eastern University

Clay Thomas, 2002
Director of Physical Plant

Amy Thompson, 2011
Director of Alumni and Parent Relations
B.A., Sterling College; M.A., Bethel University

FULL-TIME FACULTY

Raymond Anderson, 2011
Associate Professor of Communications
B.S., University of the West Indies; M.B.A., Nova Southeastern University; Ph.D., Regent University

Irene Barkman, 2011
Assistant Professor of Business
B.S., University of Kansas; M.A., Wichita State University

Laura Bateman, 2011
Assistant Professor of Music
B.M., Wheaton College Conservatory of Music; M.M., University of Northern Colorado; D.M.A., University of Northern Colorado

Curtis M. Beechan, 1986
Professor of Chemistry
B.S., University of California, Riverside; Ph.D., Stanford University

C. Douglass Boardman, 2007
Assistant Professor of History
B.A., M.A., Fort Hays State University

David Briones, 2012
Assistant Professor of Theology & Ministry
B.A., Life Pacific College; M.Div., Talbot School of Theology; M.A. and Ph.D., Durham University

Thomas R. Bronleewe, 2006
Assistant Professor of Theology and Ministry
B.S., University of Kansas; M.A.T.S., Midwestern Baptist Theological Seminary

234
Mark Clark, 2008
Assistant Professor of Music
B.M.E., Friends University; M.M.E., Wichita State University

Jonathan Conard, 2008
Assistant Professor of Biology
B.S., Southwestern University; M.S., Ph.D., Kansas State University

Gidget Dinkel, 2013
Instructor of Education
B.S., Kansas Wesleyan University; M.S., Baker University

Jennifer Dyson, 2013
Assistant Professor of Psychology
B.S., Sterling College; M.S., Emporia State University; M. A. Wheaton College;
Psy.D., Wheaton College

Megan Fraley, 2011
Assistant Professor of Mathematics
B.S. Doane College; M.S., University of Nebraska-Lincoln

Terri J. Gaeddert, 2002
Associate Professor of Education
B.S., Chadron State College; M.A., Friends University

Adebukola Gbade-Oyelakin, 2012
Assistant Professor of Mathematics and Talmon Bell Endowed Chair
B.S., Salem College; M.A., Wake Forest University Graduate School of Arts &
Sciences; Ph.D., Howard University

Wai-Foong Hong, 2006
Associate Professor of Biology
B.S., M.S., National Chung-Hsing University of Taiwan;
Ph.D., Monash University of Australia

Daniel Julich, 2012
Assistant Professor of History
B.S., Palm Beach Atlantic College; M.A., Wheaton College; Ph.D., University of
Florida

Aaron Kennedy, 2012
Assistant Professor of Theatre Arts
B.F.A., Emporia State University; M.F.A., University of Wisconsin-Madison

Hanna Kozlowski-Sloane, 2012
Assistant Professor of Art
B.A., Anderson University; M.F.A., Clemson University
Teow Hwa Kwa, 2007  
Professor of Business and Thompson-Ferrari Endowed Chair  
M.S., University of Southern Maine; Ph.D., Texas A & M

Erin Sheehan Laudermilk, 2007  
Assistant Professor, Assistant Athletic Trainer, Clinical Coordinator  
B.S., Saint Joseph’s College; M.S., University of Tennessee Chattanooga; A.T.C.

Frank Leone, 2012  
Assistant Professor of Education  
B.A., University of Iowa; M.S., Pittsburg State University

Dale Levering, 2011  
Associate Professor of Business, McVay Chair for Business and Entrepreneurship  
B.A., The Citadel; B.A., Washburn University; M.B.A., Ph.D., Kansas State University

Ryan J. “Pete” Manely, 2003  
Associate Professor, Director of Athletic Training Education, Associate Dean for School of Professional Studies  
B.S., Charleston Southern University; M.S., Ohio University; A.T.C.

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