



ACADEMIC INFORMATION

Degree Information

Academic Foundations and Core Curriculum

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Applicability of Catalog Regulations

DEGREE INFORMATION

UNDERGRADUATE DEGREES

ASSOCIATE DEGREE

Associate of Applied Science in Radiologic Sciences
Major in radiologic sciences

BACCALAUREATE DEGREES

Bachelor of Applied Arts and Sciences
Major in applied arts and sciences

Bachelor of Arts

Majors offered in art, computer science, English, geology, history, humanities, international studies, kinesiology, mass communication, mathematics, political science, psychology, sociology, Spanish, and theatre

Bachelor of Business Administration

Majors offered in accounting, business computer information systems, economics, finance, general business, international trade, management, and marketing

Bachelor of Fine Arts

Majors offered in art and theatre

Bachelor of Music

Majors offered in music (performance) and music (certification)

Bachelor of Science

Majors offered in athletic training, biology, chemistry, computer science, environmental science, exercise physiology, geology, health fitness management, kinesiology, manufacturing engineering technology, mathematics, physics, psychology, and sociology

Bachelor of Science in Clinical Laboratory Science

Major in clinical laboratory science

Bachelor of Science in Criminal Justice

Major in criminal justice

Bachelor of Science in Dental Hygiene

Major in dental hygiene

Bachelor of Science in Interdisciplinary Studies

Major in interdisciplinary studies with certification program in elementary teaching: early childhood - grade 4, and grade 4 - grade 8

Bachelor of Science in Mechanical Engineering

Major in mechanical engineering

Bachelor of Science in Nursing

Major in nursing

Bachelor of Science in Radiologic Sciences

Major in radiologic sciences

Bachelor of Science in Respiratory Care

Major in respiratory care

Bachelor of Social Work

Major in social work

GENERAL REQUIREMENTS FOR ASSOCIATE OF APPLIED SCIENCE IN RADIOLOGIC SCIENCES

1. Satisfy all admission conditions.
2. The completion of a minimum of twenty-five percent of the semester hours required in the specific degree program at Midwestern State University. Credit by examination may not be used to satisfy the minimum residence requirements.
3. Twelve of the last 15 semester hours required for the degree must be completed in residence at Midwestern State University.
4. A minimum of six semester hours of the major must be completed in residence at Midwestern State University.
5. Not more than 15 semester hours in extension and correspondence may be counted toward a degree. Credit by correspondence for a course failed in residence will not be accepted toward graduation.
6. A student must earn a minimum grade point average of 2.0 on 4.0 system on courses attempted at Midwestern State University as well as on all work counted toward the field of specialization and the degree, i.e., C average on Midwestern State University work attempted and also on transfer work accepted. See program area for any special grade requirements.
7. Twenty-six semester hours of general academic courses listed on page 179 in the Radiologic Sciences section of this catalog.
8. A minimum total credit of 72 semester hours excluding developmental courses.
9. Satisfactory completion of all requirements specified for the degree by the college in which it is offered.
10. Meet all requirements of the Texas Success Initiative (formerly TASP - Texas Academic Skills Program).
11. Honors are not awarded for an associate's degree.
12. Formal application for the degree through the Office of the Registrar. See Academic Calendar for deadlines and see Application for Degree Candidacy.
13. Payment of fees and satisfaction of all other financial obligations including "exit interviews" as required by loan programs.
14. For May and December graduates, attendance of graduation exercises unless approved by the Associate Provost for graduation in absentia.

GENERAL REQUIREMENTS FOR ALL BACHELOR'S DEGREES

1. Satisfy all admission conditions.
2. The completion of a minimum of twenty-five percent of the semester hours required in the specific degree program at Midwestern State University. Credit by examination may not be used to satisfy the minimum residence requirements.
3. Twenty-four hours of the last 30 semester hours required for graduation must be completed in residence at Midwestern State University with the exception of the BAAS and distance education programs in health sciences: BSRC, RN/BSN, and BSRS.
4. A maximum of 18 semester hours may be taken by correspondence. Credit by correspondence for a course failed in residence will not be accepted toward graduation.
5. A major of at least 24 semester hours of which 12 must be advanced; 12 advanced semester hours of the major must be completed in residence at

- Midwestern State University. This requirement does not apply to the BAAS degree.
6. A minor of at least 18 semester hours of which six must be advanced (does not apply to BAAS, BBA, BM, BFA, BSCL, BSDH, BSIS, BSME, BSN, BSRC, BSRS, BSW, BS with a major in Athletic Training, and BS with a major in Environmental Science). Six advanced semester hours of the minor must be completed in residence at Midwestern State University. This residence requirement does not apply to students receiving the BAAS degree with a minor.
 7. A student must earn a minimum grade point average of 2.0 on the courses attempted at Midwestern State University. A student must also earn a minimum grade point average of 2.0 on the courses attempted at Midwestern State University in the major and a grade point average of 2.0 in courses attempted at Midwestern State University in the minor. A student must have C (2.0) major, minor, and cumulative grade point averages on all work attempted at Midwestern State University as well as on all work counted toward the major, minor, and cumulative degree requirements, i.e., C average on Midwestern State University work attempted and transfer accepted. Some programs require more than a 2.0 grade point average on major and minor hours. The student should consult with the academic adviser about specific program requirements.
 8. A minimum of 42 semester hours advanced work (36 semester hours advanced work for BSDH, BSRS, BSCL; 33 semester hours for the BS, and BSN degrees; and 30 semester hours for the BAAS, BSRC, and RN/BSN degrees).
 9. A minimum total credit of 124 semester hours. Developmental courses are excluded from the 124 hours. Other than kinesiology majors, only two physical activities courses will be counted for the 124 hour requirement.
 10. Take the ETS (Educational Testing Service) Academic Profile Test. This test assesses the student's knowledge of the academic foundations. It is used as an assessment measure for accreditation; there is no passing or failing score.
 11. Satisfaction of the English usage requirement through one of the following options:
 - a. Pass an English usage examination administered between 60 and 90 hours. Students failing the English usage examination must pass English 2113. (See page 189.)
 - b. Pass English 2113, English Composition Skills.
 12. Completion of academic foundations.
 13. Demonstrate computer literacy by taking a proficiency test or earning credit for CMPS 1023, 1043, BUAD 2153, or EDUC 1023.
 14. Satisfactory completion of all requirements specified for the degree by the college in which it is offered.
 15. Graduation with honors will be accorded to candidates who have completed at least 30 semester hours of work at Midwestern State University with cumulative grade point average as indicated:

Cum laude	Midwestern State University cumulative grade point averages of 3.50-3.69 inclusive.
Magna cum laude	Midwestern State University cumulative grade point averages of 3.70-3.89 inclusive.
Summa cum laude	Midwestern State University cumulative grade point averages of 3.90-4.00 inclusive.
- This recognition is placed on both the permanent academic record and on the diploma. Credit by examination may not be used for honors awarded at graduation. (See page 61) Honors are not awarded for a second bachelor's degree.
16. Formal application for the degree is through the Office of the Registrar. See Academic Calendar and Application for Degree Candidacy.

17. Payment of fees and satisfaction of all other financial obligations including "exit interviews" as required by loan programs.
18. For May and December graduates, attendance of graduation exercises unless approved by the Associate Provost for graduation in absentia.

ACADEMIC FOUNDATIONS AND CORE CURRICULUM

To achieve the goals of academic foundations the faculty of Midwestern State University has developed a core curriculum for all baccalaureate degrees, which each student is expected to complete substantially before beginning academic specialization. The following objectives underlie the design of the core curriculum.

1. The curriculum is designed to provide each student a range of knowledge, skills, and intellectual approaches that will support his/her efforts to develop a full and productive life. To meet this objective the University offers a course of study that contributes to the development of a meaningful career and to the continued growth of the student both as an individual and as a rational and ethical member of society.
2. First, the curriculum emphasizes the acquisition of fundamental skills—skills necessary to learning, judgment, and self-expression. Chief among these are reading, analytical and critical thinking, cogent oral and written expression, computation, and quantitative reasoning.
3. Secondly, the curriculum seeks to develop each student's understanding of him/herself in relation to others through a study of the liberal arts and sciences. Such study provides exposure to the collective knowledge and experience of mankind; each student is introduced to disciplined ways to gather, organize, and communicate this knowledge and experience as they relate to the cultural, social, and physical environment.
4. In the aggregate, the core curriculum provides a substantial base for the second phase of university education; academic specialization to achieve significant mastery in at least one discipline or interdisciplinary field. The core curriculum not only introduces students to a variety of disciplines (and thus to related career options), but more importantly provides a perspective from which to view specialized study in relation to the whole range of human experience and endeavor. As the student proceeds to academic specialization, it becomes the responsibility of each academic department to maintain and nurture this integrating perspective.

CORE REQUIREMENTS

COMMUNICATION - 9 semester hours

ENGL 1113 and 1123
And 3 hours from SPCH 1133 or 1233

MATHEMATICS - 3 semester hours

MATH 1053, 1113, 1203, 1233, 1433, 1533, 1634, 1734, 2033, 2043

SCIENCE - 6 semester hours

BIOL 1134, 1144, 1234, 1544
CHEM 1101 and 1103, 1141 and 1143, 1203, 1241 and 1243
ENSC 1114
GEOL 1134, 1233

GNSC 1104, 1204 (for teacher certification students only)

PHYS 1144, 1244, 1533, 1624, 2014, 2114, 2644

HUMANITIES & VISUAL AND PERFORMING ARTS - 9 semester hours

Six hours from English literature, history, humanities, philosophy, or two semesters of one foreign language; any courses in art history, music history, or theatre history may also be accepted in fulfillment of the humanities requirement:

ENGL 2413, 2423, 2613, 2623, 2723, 2813, 2823

HIST 1333, 1433, 3133

HUMN 2013, 2023, 2033, 2043, 2053

PHIL 1033, 1533, 2033, 2233, 2633

FREN 1134, 1234

GERM 1134, 1234

SPAN 1134, 1234

3 hours from ART 1213, 1413, MUSC 1033, THEA 1503, MCOM 2213

or

3 hours from ART 1113, 1123, 1313, MUSC 1103, 1603/1601, THEA 2533

or

3 hours from MUSC 1001 and/or 1021

SOCIAL & BEHAVIORAL SCIENCES - 18 semester hours

HIST 1133 and 1233

POLS 1333 and 1433

ECON 1333 or 2333

And 3 hours from PSYC 1103 or SOCL 1133

INSTITUTIONALLY DESIGNATED OPTION - 3 semester hours

KNES 1011 and a two-hour activity course

or

Two different activity courses excluding KNES 1011

or

Two semesters of marching band and one activity course

or

Four semesters of credit in marching band

EXCEPTIONS TO PHYSICAL ACTIVITIES REQUIREMENT

A student may be excused from the physical activities requirement for the following reasons:

1. If the student is a veteran of the U.S. armed forces (discharged under honorable conditions) who has had one year of continuous active military service.
2. If the student has received a physical activities exemption through the Vinson Health Center. Students with disabling conditions should consult their physicians concerning enrolling in the adapted physical education course.

REQUIREMENTS FOR THE BACHELOR OF ARTS DEGREE

Academic Foundations and Core Curriculum 48 hours (see page 101)

Six hours of literature and/or humanities courses chosen from the list below:

ENGL 2413, 2423, 2613, 2623, 2723, 2813, 2823
 HUMN 2013, 2023, 2033, 2043, 4013, 4023, 4033, 4043

A humanities course taken at the 2000 level may not be repeated at the 4000 level or vice-versa.

Two years of one foreign language. International students who are native speakers of a language other than English may satisfy this requirement by petitioning the Foreign Language Department to verify proficiency in another language with the major college dean's approval. This waiver applies to all degree programs. A foreign language waiver does not exempt a student from the general humanities requirement.

Students may use the same literature, humanities, and foreign language courses to fulfill BA and core requirements, as well as major and/or minor requirements in these fields.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE

Academic Foundations and Core Curriculum 48 hours (see page 101)

Additional General Requirements

All B.S. degree programs include at least four laboratory science courses. MENT majors may choose four physics courses (exclusive of Physics 1533). All other majors must choose two courses in each of two different laboratory sciences, (exclusive of Physics 1533, Chemistry 1101, 1103, 1203, and Environmental Science 1114).

The B.S. degree programs in psychology, sociology, kinesiology, health fitness management, exercise physiology, and athletic training require one mathematics course (exclusive of MATH 0003, 1003, 1053, 1113, 1203, 2033, and 2043).

All other B.S. degree programs include at least two mathematics courses (exclusive of MATH 0003, 1003, 1053, 1113, 1203, 2033, and 2043). Statistics 3573 may be used to satisfy three hours of this mathematics requirement.

The science and math courses may be included as part of the major and/or minor.

Requirements for Other Degrees

REQUIREMENTS FOR THE ASSOCIATE OF APPLIED SCIENCE IN RADIOLOGIC SCIENCES DEGREE

See page 178

REQUIREMENTS FOR THE BACHELOR OF APPLIED ARTS AND SCIENCES DEGREE

See page 186

REQUIREMENTS FOR THE BACHELOR OF BUSINESS ADMINISTRATION DEGREE

See page 117

REQUIREMENTS FOR THE BACHELOR OF FINE ARTS DEGREE

See page 151 for art
 See page 160 for theatre

REQUIREMENTS FOR THE BACHELOR OF
MUSIC DEGREE

See page 155

REQUIREMENTS FOR THE BACHELOR OF
SCIENCE IN CLINICAL LABORATORY SCIENCE DEGREE

See page 204

REQUIREMENTS FOR THE BACHELOR OF SCIENCE
IN CRIMINAL JUSTICE DEGREE

See page 163

REQUIREMENTS FOR THE BACHELOR OF
SCIENCE IN DENTAL HYGIENE DEGREE

See page 164

REQUIREMENTS FOR THE BACHELOR OF
SCIENCE IN INTERDISCIPLINARY STUDIES DEGREE

See page 127

REQUIREMENTS FOR THE BACHELOR OF
SCIENCE IN MECHANICAL ENGINEERING DEGREE

See page 210

REQUIREMENTS FOR THE BACHELOR OF
SCIENCE IN NURSING DEGREE

See page 167

REQUIREMENTS FOR THE BACHELOR OF SCIENCE
IN RADIOLOGIC SCIENCES DEGREE

See page 179

REQUIREMENTS FOR THE BACHELOR OF SCIENCE
IN RESPIRATORY CARE DEGREE

See page 182

REQUIREMENTS FOR THE BACHELOR OF
SOCIAL WORK DEGREE

See page 184

SECOND BACHELOR'S DEGREE

A person who holds a baccalaureate degree from Midwestern State University or another regionally accredited four-year college or university may be awarded a second baccalaureate degree in a different field by:

1. Completing a minimum of 31 semester hours, 18 of which must be advanced, in residence at Midwestern State University.
2. Completing all catalog requirements for the new major field and for the degree sought.
3. A person holding a baccalaureate degree from any college or university other than Midwestern State University will have to meet the English usage requirement.

Honors are not awarded for a second bachelor's degree.

APPLICATION FOR DEGREE CANDIDACY

To graduate at the end of the spring semester, all seniors must pay the graduation fee and file an Application for Degree Candidacy in the Office of the Registrar during the fall semester of their senior year (see University Calendar for deadline). Seniors who plan to complete their degrees at the close of the fall semester should pay and file no later than July 1. Candidates for summer graduation should file by April 1. Students may also apply for graduation on-line at <http://registrar.mwsu.edu/applygraduation/applydegree.asp>.

Early application is encouraged to allow time for a complete records check prior to the student's enrolling for the last semester.

In order to be admitted to candidacy for graduation without reservation, a student must have at least five grade points above the number of semester hours attempted on the official record at the time of application. Any student who enters the last semester or summer term in residence without a surplus of five grade points will be admitted with reservation and thereby forewarned that all degree requirements, both qualitative and quantitative, must be met.

COMMENCEMENT

Midwestern State University conducts commencement exercises in December and May. Candidates who complete their degrees during the summer terms may participate in the December ceremony. Candidates who complete their degree in the fall semester are required to attend the December commencement unless approved by the Associate Provost for graduation in absentia. Candidates who complete their degrees at the end of the spring semester must attend the May commencement unless approved by the Associate Provost for graduation in absentia. All conferred degrees will be posted to the student's permanent record as of the last day of finals for second summer term or as of the date of the graduation ceremony for December and May.

REQUIREMENTS FOR PRE-PROFESSIONAL CURRICULA

In selecting any pre-professional program, the student should be mindful that the requirements vary with different schools. Therefore, it is always wise for the student to obtain a catalog from the professional school under consideration so that the course of study can be arranged to meet specific requirements.

It is recommended that the student complete work for the bachelor's degree since many professional schools require it as a prerequisite for admission.

The pre-professional student should confer with the adviser in planning a course of study. Several pre-professional curricula have been prepared which indicate the minimum requirements of the professional schools. A copy may be obtained from the student's adviser.

Pre-dentistry, pre-engineering, pre-law, pre-medicine, pre-nursing, pre-osteopathy, pre-optometry, pre-pharmacy, pre-physical therapy, and pre-veterinary medicine, are some of the pre-professional programs which may be taken at Midwestern State University.

A student interested in completing a pre-professional program other than those listed above should consult the college dean of a closely related field so that the program can be planned in keeping with catalog requirements of the institution where the student plans to complete the professional training.

GRADUATE STUDIES

The following master's degrees are offered at Midwestern State University:

Master of Arts

Majors offered in counseling, English, history, human resource development, political science, psychology, and training and development

Master of Business Administration

Majors offered in business administration and health services administration

Master of Education

Majors offered in curriculum and instruction, educational leadership, reading education, school counseling, and special education

Master of Health Administration

Major offered in health services administration

Master of Public Administration

Major offered in public administration

Master of Science

Majors offered in biology and computer science

Master of Science in Kinesiology

Major offered in kinesiology

Master of Science in Nursing

Majors offered in family nurse practitioner, health services administration, and nurse educator

Master of Science in Radiologic Sciences

Majors offered in radiologic administration and radiologic education

Graduate minors are available in biology, early childhood education, educational foundations, English, English as a second language, gifted and talented, history, information processing technology, kinesiology, mathematics, political science, public administration, reading education, and special education. Graduate certificates in administration of justice, health services administration, and long term care administration are offered by the College of Health Sciences and Human Services.

For more information about the graduate programs please refer to the Graduate Catalog.

APPLICABILITY OF CATALOG REGULATIONS

The student may receive a degree from Midwestern State University in accordance with the program requirements stated in the catalog in effect at the time that person enters the University or those of any subsequent year provided the requirements are completed within six years of the date of the catalog selected and the student earns a minimum of twelve semester hours during the two-year period it is in effect. The program requirements must be from one catalog. However, the general requirements for the associate and baccalaureate degrees are those which are shown in the current catalog.

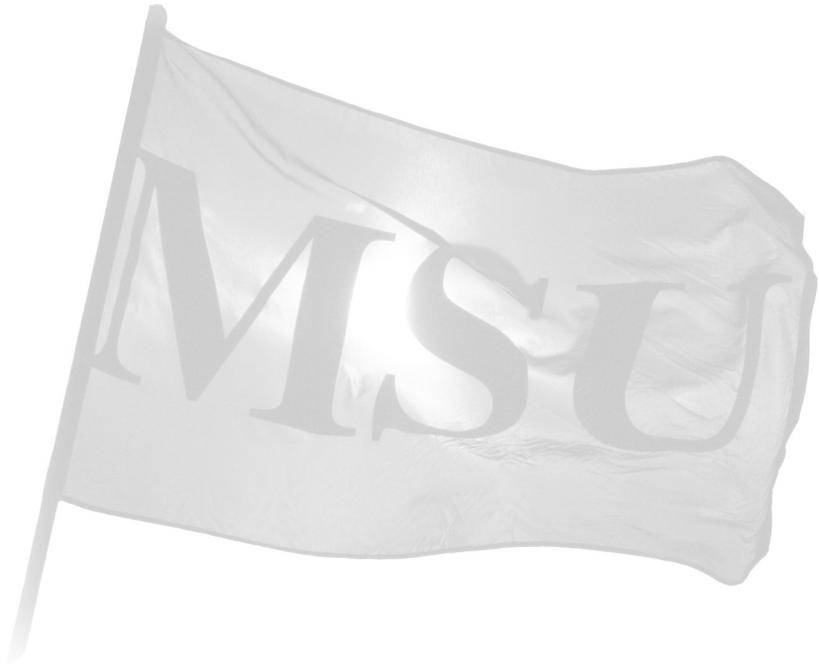
THIS CATALOG EXPIRES AND CANNOT BE USED FOR GRADUATION REQUIREMENTS AFTER AUGUST 31, 2011.

Midwestern State University reserves the right to make changes in course offerings, academic policies, academic calendar, tuition, fees, other charges, rules, and regulations as required by the Academic Council, Board of Regents, Texas Higher Education Coordinating Board, Texas Legislature, and state and national testing agencies. The provisions of this catalog are not to be regarded as a contract between the University and its students or applicants. The MSU catalog is also available on the MSU website. The web version will contain policy updates as they are approved and effective. The updated web version will take precedence over the printed catalog.

A separate publication, The Student Handbook, is issued once each year. The rules and regulations stated in the handbook are applicable to all students.







SPECIAL ACADEMIC PROGRAMS

Bachelor of Science in Clinical Laboratory Science

Bachelor of Science in Mechanical Engineering

Bachelor of Science in Nursing - RN/BSN Track

Bachelor of Science in Radiologic Sciences

Academic Support Center

Honors Program

Distance Education

Air Force ROTC through the University of North Texas

SPECIAL ACADEMIC PROGRAMS

ACADEMIC FOUNDATIONS CURRICULUM FOR DESIGNATED ACADEMIC PROGRAMS

The following basic core and additional requirements apply to the Bachelor of Science in Clinical Laboratory Science, Bachelor of Science in Mechanical Engineering, Bachelor of Science in Nursing - RN/BSN Track, and Bachelor of Science in Radiologic Sciences.

Basic Core (27 semester hours)

Political Science 1333, 1433
 English 1113, 1123
 Mathematics 1053, or 1203, or 1233*
 History 1133, 1233
 Speech Communication - 3 hours
 Demonstrate computer literacy by taking a proficiency test or earning credit for CMPS 1023, 1043, BUAD 2153, or EDUC 1023.

*Math 1233 is required for BSCL.

*Math 1634 is required for BSME.

Additional 18 hours

Select from at least four of the following areas: Social and Behavioral Sciences, Sciences, Fine Arts, Speech Communication (cannot be same course used in Basic Core), Humanities, Economics, and Kinesiology.

Additional degree requirements — see specific pages below:

Bachelor of Science in Clinical Laboratory Science (see page 204)
 Bachelor of Science in Mechanical Engineering (see page 210)
 Bachelor of Science in Nursing - RN/BSN Track (see page 167)
 Bachelor of Science in Radiologic Sciences (see page 179)

ACADEMIC SUPPORT CENTER

Director: Diane Spiller
Assistant Professor of Mathematics

The Academic Support Center provides opportunities for students to maximize their academic potential at MSU. Classes offered are part of the University's academic curriculum and are 3 hour elective credit courses, generally limited to 20 students.

- In order to enhance the academic and social integration of all first year and transfer students at MSU, the following college-level course is recommended:
MWSU 1233 - College Connections. (See page 290 for course description.)
- For students who would benefit from an intensive program of academic assistance in developing individualized learning strategies, the following college-level course is recommended:
MWSU 1003 - Skills for Success. (See page 290 for course description.)

These students are required to enroll in MWSU 1003:

- Students who are admitted under Advised Admissions status (see page 52).
- Students who are in the First Year Probation Program (see below).

Students who re-enter the University following academic suspension may be required to enroll in MWSU 1003. This course is also highly recommended for all students placed on scholastic probation.

- For students who have been nominated for their outstanding leadership qualities, the following college-level course is recommended:
MWSU 1333 - Leadership MSU. (See page 290 for course description.)

First Year Probation Program. This is an early intervention program for beginning and transfer freshmen students who after their first semester at MSU are on scholastic probation (grade point average of less than 1.70). Re-enrolling students placed in this program at the end of the fall semester are required to enroll in MWSU 1003 - Skills for Success and repeat two classes in which they received grades of D or F. Students who need to be full-time may choose an additional class plus a kinesiology activity course, but may not register for more than 14 semester hours. Students placed in the program at the end of the spring semester may not enroll in more than 7 semester hours in a summer term, including at least one repeat (if available) and/or 14 semester hours in the following fall semester, including at least two repeat courses and MWSU 1003 - Skills for Success.

Academic Advising. The Academic Support Center coordinates the academic advising of students who are undecided on a major field of study.

Supplemental Instruction (SI). SI is an academic enrichment program that targets historically difficult academic courses and offers free peer-assisted study sessions to all enrolled students in a designated section of selected courses. SI sections are noted in the Schedule of Classes each semester.

For more information, please contact Diane Spiller at MSU (940) 397-4684 or diane.spiller@mwsu.edu.

UNIVERSITY HONORS PROGRAM

First established in 1964, the University Honors Program offers high achieving MSU students a challenging undergraduate learning experience. From the Honors Introductory Seminar at the beginning, through Honors designated classes taught by outstanding faculty, to the Honors Capstone Course and Graduation with Honors, the MSU Honors Program presents an interdisciplinary curriculum that fosters students' love for learning. Honors experiences and achievements prepare students for success and leadership in graduate and professional schools, in the job market, and as citizens of our global community.

In order to graduate with Honors Program distinction, Honors students are required successfully to complete a minimum of eight courses as specified by the Honors Program. Honors students must maintain a minimum cumulative GPA of 3.25. In addition to these curricular requirements, the Honors Program requires participation in a variety of enriching, co-curricular activities, such as professional conferences, field-trips, community service, and a choice of undergraduate research projects, internships, or study abroad. Students must visit the Honors Program Office to be advised concerning their Honors curricular and co-curricular requirements. Honors housing, including our exclusive Honors House, offers students a supportive living and learning environment.

Honors students in good standing receive a yearly Honors scholarship. Admission to the Honors Program is by application, and requires a written essay and a letter of recommendation. Incoming freshmen must meet ONE of the following requirements: a minimum composite SAT score of 1200, a minimum composite ACT score of 27, high school graduation with an IB diploma, high school graduation in the top 5%. Under special circumstances individuals may be granted provisional status based on relevant outstanding achievements. Continuing students, including transfer students, may apply to the Honors Program if they have at least 75 semester hours left to complete at MSU.

Midwestern State University is a member of the National Collegiate Honors Council and the regional Great Plains Honors Council. These affiliations broaden the scope of opportunities available for Honors students.

The selection of Honors designated courses includes two required courses: MWSU 1433 - Honors Introductory Seminar, to be taken at the beginning and MWSU 4433 - Honors Capstone Seminar, to be taken at the end of the degree program. See page 290 for course descriptions.

For more information please contact the MSU Honors Program at (940) 397-4534, honors@mwsu.edu or <http://academics.mwsu.edu>.

DISTANCE EDUCATION

The Center for Extended Education coordinates the following Distance Learning options which offer students an opportunity to earn college credit by participating in a variety of non-traditional oriented courses.

Telecourses

Telecourses are offered each semester as an alternative to the traditional classroom experiences. Students are required to attend an orientation session before the semester starts and to take tests on campus (with the exception of students at the Universities Center at Dallas and at other locations remote from the campus). Telecourses require the regular viewing of professionally produced video programs, either at home on Time Warner's Cable Channel 2 (MSU-TV2), in MSU's Moffett Library, or at other designated locations. In addition, a copy of the tape can be checked out at the Library for home viewing. The class schedule indicates if the course is a telecourse. Telecourses appear on the transcript in the same manner as all other resident credit.

Interactive Television

Midwestern State University receives and transmits courses via the Trans-Texas Videoconference Network in conjunction with the Texas A&M University System. In addition, MSU has established an independent network which includes the Higher Education Center in Graham, Texas, the Universities Center at Dallas, Keller ISD and other locations where demand can be served by appropriate two-way video technologies. This allows students at a distance to enroll in Midwestern courses via compressed video.

Web-based Courses

MSU offers more than 200 courses on the Internet either as supplements to traditional classroom format or as full web-based courses. Both undergraduate and graduate courses are offered via the Internet.

Universities Center at Dallas (UCD)

Midwestern State University is an affiliate member of the Federation of North Texas Colleges and offers upper-division undergraduate courses and graduate courses at the campus of the Universities Center at Dallas (UCD). Six universities, including Midwestern State, cooperate in offering upper-division undergraduate and graduate courses at UCD: Texas A & M University - Commerce, Texas Woman's University, the University of North Texas, the University of Texas at Arlington, and the University of Texas at Dallas.

Currently Midwestern State University offers the Bachelor of Applied Arts and Sciences degree and the Master of Arts degree in Human Resource Development to students at UCD. For details, call Midwestern State University Office of Extended Education at 940-397-4307 or refer to the university website.

AIR FORCE ROTC PROGRAM Through the University of North Texas

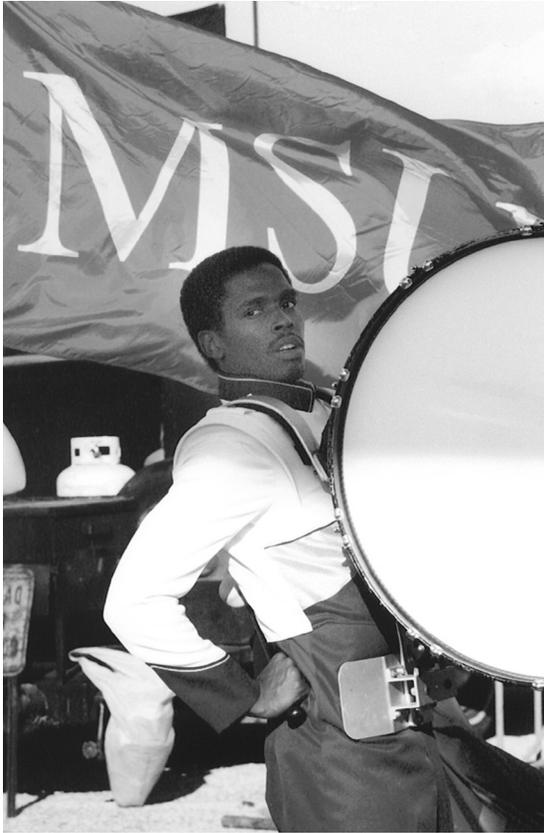
MSU students are given the opportunity to participate in the Air Force ROTC program at the University of North Texas. For more information, the student should contact:

Unit Admissions Officer
Division of Aerospace Studies
Divisional Office, Kendall Hall, 144
AFROTC-Det 835
940-565-2074

Lt Col Paul A. Gacke, Jr., Chair
P.O. Box 305400
Denton, TX 76203-5400
(940) 565-2074
AFROTC@unt.edu

The courses which may be taken in this AFROTC program are located on page 284.







ACADEMIC PROGRAMS

Academic Program Advisers

College of Business Administration

Gordon T. and Ellen West College of Education

Lamar D. Fain College of Fine Arts

College of Health Sciences and Human Services

College of Liberal Arts

College of Science and Mathematics

ACADEMIC PROGRAM ADVISERS

<u>Program</u>	<u>Adviser</u>
Accounting	Dr. Ralph Fritzsch
Applied Arts and Sciences	Dr. J. David Martin
Art	Dr. Nancy Steele-Hamme
Athletic Training	Ms. Kelly Post
Biology	Dr. William Cook
Business Computer Information Systems	Dr. Stephen E. Lunce
Chemistry	Dr. Rodney Cate
Clinical Laboratory Science	Ms. Asma Javed
Computer Science	Dr. Ranette Halverson
Criminal Justice	Dr. Mark Davids
Dental Hygiene	Ms. Barbara DeBois
Economics	Dr. Stuart MacDonald
Education	Dr. Ann Estrada
English	Dr. Tom Galbraith
Environmental Science	Dr. Phillip Voegel
Exercise Physiology	Dr. Greg Haff
Finance	Dr. Stuart MacDonald
General Business	Dr. Charles Bultena
Geology	Dr. John Kocurko
Health Fitness Management	Dr. Greg Haff
History	Dr. Kenneth E. Hendrickson, Jr.
Humanities	Dr. Lynn Hoggard
International Studies	Dr. Michael Preda
International Trade	Dr. Stuart MacDonald
Kinesiology	Dr. Greg Haff
Management	Dr. Charles Bultena
Manufacturing Engineering Technology	Dr. Jerry Faulk
Marketing	Dr. Charles Bultena
Mass Communication	Dr. James Sernoe
Mathematics	Dr. Patrick Mitchell
Mechanical Engineering	Dr. Jerry Faulk
Music	Dr. Ruth Morrow
Nursing	Dr. Deborah Garrison
Philosophy	Dr. Fred Stewart
Physics	Dr. Richard Fleming
Political Science	Dr. Ernest Dover
Psychology	Dr. George Diekhoff
Radiologic Sciences	Dr. Nadia Bugg
Respiratory Care	Ms. Annette Medford
Social Work	Dr. Jan Walker
Sociology	Dr. Emily LaBeff
Spanish	Dr. Adalberto Garcia
Theatre	Ms. Laura Jefferson
Undecided	Ms. Diane Spiller
Pre-Business	Ms. Barbara McCormack
	Mr. Charles Rouzer
Pre-Dentistry	Dr. Rodney Cate
Pre-Engineering	Dr. Jerry Faulk
Pre-Health Sciences & Human Services	Ms. Catherine Dentler
Pre-Law	Dr. Kris Tilker
	Dr. Stuart MacDonald
Pre-Medical, Pre-Veterinary	Dr. Rodney Cate
Pre-Pharmacy, Pre-Physical Therapy	Dr. William Cook

COLLEGE OF BUSINESS ADMINISTRATION

Martha M. Harvey, Interim Dean (Fowler Hall 225)

MISSION STATEMENT FOR THE COLLEGE OF BUSINESS ADMINISTRATION

The mission of the College of Business Administration is to prepare students for positions of leadership in business, professional, and public sectors of a global society. There is a commitment to first provide students with a broad education based upon the University's Academic Foundations followed by a general exposure to economic institutions and the complex relationships existing between government, business, and consumers. In their upper-level studies, students receive a concentrated education in one of the specialized areas of accounting, business computer information systems, economics, finance, general business, international trade, management, or marketing. Additionally, the College contributes to the further development of the North Texas region through consultation, continuing education, research, and technical assistance. The Bureau of Business and Government Research, the Center for Economic Education, and the Small Business Development Center play major roles in this regard. In order to provide quality education and these services, the College of Business Administration maintains highly qualified faculty members who are committed to teaching excellence and staying abreast of new developments through scholarship and professional development.

The B.B.A. degree programs are accredited by the Association of Collegiate Business Schools and Programs.

REQUIREMENTS FOR THE BACHELOR OF BUSINESS ADMINISTRATION

The Bachelor of Business Administration (B.B.A.) degree is offered with majors in accounting, business computer information systems, economics, finance, general business, international trade, management, and marketing.

Minors are offered in business administration, accounting, business computer information systems, and economics. (See pages 119, 121, and 122 for specific requirements.)

Teacher certification is available in basic business as a primary teaching field through the West College of Education. Students seeking teacher certification should check with the West College of Education concerning the specific requirements for teacher certification early in their college careers.

All candidates for a Bachelor of Business Administration (B.B.A.) degree must complete a course of study consisting of a minimum of 124 hours including kinesiology requirements, if applicable. Candidates must satisfy all general requirements for a bachelor's degree (see page 99) as well as requirements listed below.

ACADEMIC FOUNDATIONS AND CORE CURRICULUM (see page 101)

Candidates for the B.B.A. degree must satisfy all academic foundations and core curriculum requirements (see page 101).

PRE-PROFESSIONAL COURSES

In order to earn the B.B.A. degree, students must complete all nine (27 semester hours) of the pre-professional courses listed below.

BUAD	1033	Business Environment and Public Policy
ENGL	1113	Rhetoric and Composition
ENGL	1123	Rhetoric and Composition
MATH	1203	Mathematical Analysis for Business ¹ OR MATH 1233 College Algebra
ACCT	2143	Financial Accounting
ACCT	2243	Managerial Accounting
BUAD	2153	Microcomputer Applications
ECON	2333	Macroeconomics ²
ECON	2433	Macroeconomics

¹ It is recommended that business majors enroll in MATH 1203.

² Business Majors should take this option in the Academic Foundations.

PRE-BUSINESS REQUIREMENTS

All entering freshmen and transfer students pursuing a B.B.A. degree in the College of Business Administration will be classified as Pre-Business. Pre-Business students will not be allowed to take upper division business courses (3000 and 4000 level) until all of the following conditions have been satisfied:

- a. At least 48 semester hours of lower division courses (1000 and 2000 level) including all nine of the **pre-professional courses** (27 semester hours) listed above have been completed.
- b. An overall minimum grade point average of 2.0 must have been earned on the twenty-seven semester hours that are included in the pre-professional courses. (Note: A minimum grade point average of 2.0 must have been earned on all courses taken at MSU in order to graduate.)

PROFESSIONAL BUSINESS CORE

After satisfying the Pre-Business Requirements discussed above, students pursuing the B.B.A. degree may begin taking upper level business courses including those listed in the Professional Business Core. In order to receive the B.B.A. degree in most business programs, students must successfully complete all ten (30 semester hours) of the Professional Business Core courses listed below.

MGMT	3013	Organizational Behavior in Business
BUAD	3113	Management Information Systems
BUAD	3213	Business Statistics I
BUAD	3223	Business Communications
BUAD	3233	Legal Environment of Business
* BUAD	3423	Business Statistics II OR ECON 3543 Introduction to Econometrics
MGMT	3453	Operations Management
MKTG	3723	Principles of Marketing
FINC	3733	Business Finance
* MGMT	4853	Strategic Management

* These courses not required for students completing the joint MBA/BBA in Accounting.

REQUIREMENTS FOR MAJORS IN BUSINESS ADMINISTRATION

Students may select a major in accounting, business computer information systems, economics, finance, general business, international trade, management, or marketing; however, the course of study during the first two years is virtually the same for all business administration majors. (See Pre-Business Requirements above.)

Specific requirements for a major in the undergraduate program are listed below. Each major requires the courses in the Professional Business Core plus other courses specific to the particular major selected. Students must maintain a grade point average of 2.0 or higher for both major and Professional Business Core.

Students pursuing a B.B.A. degree with any major must take a minimum of 40 percent of their semester hours outside the College of Business Administration. College of Business Administration courses are listed as ACCT, BCIS, BUAD, ECON, FINC, MGMT, and MKTG; however, BUAD 2153, ECON 2333, and ECON 2433 may be counted as work outside the College of Business Administration when making this calculation.

Total hours granted for internships in all areas of business administration may not exceed six hours of credit.

Credit by Examination

Course credit by examination may be earned through making a satisfactory test score on the College Level Examination Program (CLEP) or through a proficiency examination covering a particular course. Business students who plan on taking a CLEP or proficiency examination need to secure approval from the dean of the College of Business Administration. If a student transfers to MSU after taking CLEP examinations, the student must secure approval from the dean of the College of Business Administration before credit can be awarded toward the student's degree.

College Level Examination Program (CLEP) credit or proficiency exams given at MSU may be accepted for credit; however, any such testing requires the prior approval of the college dean.

Transfer Credit

All transferred credits must be evaluated and accepted by Midwestern State University. Accounting, business, and economics courses taken at junior or community colleges which are offered at Midwestern State University as upper division (3000 or above) courses will not normally be accepted as credit toward the B.B.A.

REQUIREMENTS FOR MINOR IN BUSINESS ADMINISTRATION

(21 semester hours)

ACCT 2143 and 2243, BUAD 3213, ECON 2433, FINC 3733, MGMT 3013, and MKTG 3723.

Completion of the above courses satisfies the common body of knowledge requirements for the MBA program.

NOTE: Students minoring in business administration should take ECON 2333, BUAD 2153, MATH 1203 or 1233 instead of the other options listed under the Academic Foundations and General Degree Requirements.

Please refer to page 214 for Course Descriptions.

ACCOUNTING

Ralph Fritzsich, Chair (Fowler Hall 210)

Professor: Fritzsich

Associate Professor: Kaciuba

Assistant Professors: Bauer, Matthews

Professors Emeriti: T. Harris, McInturff, Madera, Title

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN ACCOUNTING

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (see page 118)

Courses for Major in Accounting: (24 semester hours)

ACCT 3023, 3033, 3043, 3073, 3203, 4043 or 4053, and six accounting elective hours selected from ACCT 4083, 4093, 4123, 4333. ACCT 4043 or 4053 may also be used as an accounting elective if not used to fulfill the requirement shown above.

Other Program Requirements: (3 semester hours)

BUAD 3243.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

JOINT MBA/BBA IN ACCOUNTING

This program is an integrated 150-hour combination of the BBA in accounting and the MBA (non-thesis option) involving 114 hours of undergraduate and 36 hours of graduate course work. Completion of the program results in the awarding of both degrees and fulfills the educational requirements of the Texas State Board of Public Accountancy for certification as a Certified Public Accountant based on the American Institute of Certified Public Accountant's 150-hour program requirements.

Students interested in this program should consult an accounting adviser at the beginning of their junior year regarding special scheduling requirements and must apply for admission to the graduate program in the semester before starting their last 12 hours of undergraduate credit. (See graduate catalog for specific requirements.) If accepted for graduate admission, students may enroll in both graduate and undergraduate courses for the remainder of the program.

REQUIREMENTS FOR JOINT MBA/BBA IN ACCOUNTING

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (See page 118 omitting BUAD 3423 and MGMT 4853.)

Undergraduate Accounting Program Requirements (omitting one undergraduate accounting elective) (21 semester hours): ACCT 3023, 3033, 3043, 3073, 3203, and 4043 or 4053. ACCT 4123 must be taken as the other accounting elective.

MBA Program Requirements (Non-Thesis Option): See Joint MBA/BBA program

requirements in the graduate catalog. **Other Program Requirements** (3 semester hours): BUAD 3243.

Electives to bring total to 150 semester hours including kinesiology requirements, if applicable.

Certification as a Certified Public Accountant (CPA)

The Texas State Board of Public Accountancy currently requires the completion of 150 semester hours including 36 hours of accounting. Students intending to become certified should complete ACCT 4123 (Advanced Accounting) and ACCT 4083 (Federal Income Tax II) or ACCT 4093 (Federal Income Tax III) as their accounting electives. A second auditing course (ACCT 4043 or 4053) and either a second tax elective or ACCT 4333 (Governmental & Nonprofit Entity Accounting) should also be completed in addition to other requirements of the major in accounting.

Beginning in 2005, the Texas State Board of Public Accountancy will also require 3 semester hours of approved ethics instruction as part of the 150-hour requirement; BUAD 4873 (Seminar in Business Ethics and Social Responsibility) has been approved by the State Board to meet that requirement.

REQUIREMENTS FOR A MINOR IN ACCOUNTING: (18 semester hours)

ACCT 2143, 2243, 3023 (prerequisite BUAD 2153 or equivalent), 3033, and six advanced hours.

Please refer to page 214 for Course Descriptions.

BUSINESS COMPUTER INFORMATION SYSTEMS

Stephen E. Lunce, Chair (Fowler Hall)

Professors: Harvey, Lunce

Assistant Professors: Friesen, Johnston, Wierschem

Instructor: VonDielingen

Professors Emeriti: C. Harris, McInturff

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN BUSINESS COMPUTER INFORMATION SYSTEMS

Academic Foundations and Core Curriculum: (See page 101)

Pre-Professional Courses: (See page 118)

Professional Business Core: (See page 118)

Courses for Major in Business Computer Information Systems: (24 semester hours):

BCIS 3113, 3303, 4123, 4133, 4143, plus nine semester hours selected from ACCT 4053, BCIS 3113 (with a different topic) 3153, 3203, 3403, or MGMT 4613.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

REQUIREMENTS FOR MINOR IN BUSINESS COMPUTER INFORMATION SYSTEMS (18 semester hours)

BUAD 3113 Management Information Systems

One approved programming language (C, C++, COBOL, Visual Basic, or Java)

BCIS 4123 Database Applications for Business

Three advanced BCIS courses approved by BCIS department chair

Please refer to page 214 for Course Descriptions.

ECONOMICS, FINANCE, AND INTERNATIONAL TRADE

Stuart MacDonald, Chair (Music Education 201)

Professors: Fukasawa, Harmel, Martinez, Patin

Assistant Professors: Bhuyan, MacDonald, Owen, Williams

Professors Emeriti: Krienke, Rodriguez, Van Geem

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN ECONOMICS

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (see page 118)

Courses for Major in Economics: (24 semester hours)

ECON 3323, 3333, 3703, BUAD 3423 (from Professional Business Core), plus
12 semester hours of upper level economics.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

REQUIREMENTS FOR A MINOR IN ECONOMICS (18 semester hours)

ECON 2433, plus 15 semester hours of upper level economics which must include
ECON 3323 or 3333.

Note: Economics minors should take ECON 2333 - Macroeconomic Principles
instead of ECON 1333 - General Economics to fulfill the university core on page
102.

Please refer to page 214 for Course Descriptions.

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN FINANCE

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (see page 118)

Courses for a Major in Finance: (24 semester hours)

FINC 3353, 3733 (from Professional Business Core), 4643, 4653, 4733, plus
nine semester hours (three courses) selected from ECON 3323, 3333, 3743,
FINC 3413, 3633, 3753 and advanced accounting (limit six semester hours).

Other Requirements: (3 semester hours)
ECON 3703.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

Please refer to page 214 for Course Descriptions.

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN INTERNATIONAL TRADE

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (see page 118)

Courses for a Major in International Trade: (24 semester hours)*
ECON 3323 or 3333, 3553, 4633, 4643, 4723, MKTG 4643, BUAD 4763 or
ECON 4883 and three semester hours selected from HIST 3133, 4023, 4643,
POLS 3563, 3573, 3653, 4333, 4653, or SOCL 3783.

* Study abroad credit may be substituted for 3-6 hours of course work in major. See adviser for details.

Other Requirements: A two semester (8 hours) foreign language sequence.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

MANAGEMENT, MARKETING, and GENERAL BUSINESS

Charles Bultena, Chair (Fowler Hall 208)

Professors: Patterson, Ramser, Tilker

Associate Professor: Bultena

Assistant Professors: Duan, Shao, Wilson

Instructor: McCormack

Professors Emeriti: Boutwell, Krienke, McCullough, McWhorter, Moeller, Rountree

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN MANAGEMENT

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (see page 118)

Courses for Major in Management: (24 semester hours)
MGMT 3013, 3783 or 4843, 4213, 4413, 4513, 4613; plus either FINC 4653 or
MKTG 4753; and one of the following: ECON 3703, 4643, or MGMT 4033.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

Please refer to page 214 for Course Descriptions.

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN MARKETING

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (see page 118)

Courses for Major in Marketing (24 semester hours)

MKTG 3723, 3763, 3823, 4143, 4743, 4753, plus six semester hours selected from MKTG 3803, 4203, 4223, 4233, 4303, 4643, 4723 or MGMT 3783.

Other Requirements: (3 semester hours)

Three hours of advanced economics.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

Please refer to page 214 for Course Descriptions.

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN GENERAL BUSINESS

Academic Foundations and Core Curriculum: (see page 101)

Pre-Professional Courses: (see page 118)

Professional Business Core: (see page 118)

Courses for Major in General Business (24 semester hours)

ACCT 3073 or 3633 or 3023; BUAD 3243; ECON 3323 or 3333; FINC 3753 or 4653 or 4733; any two courses from MGMT 3783, 4033, 4213, 4613, 4843; MKTG 4203 or 4223 or 4303 or 4753; and three hours of electives in the College of Business Administration.

Approved electives to bring total to 124 semester hours including kinesiology requirements, if applicable.

REQUIREMENTS FOR THE B.B.A. WITH A MAJOR IN GENERAL BUSINESS AND TEACHING CERTIFICATION

Students seeking a major in general business and teaching certification should check with the West College of Education concerning specific requirements for teaching certification, and then the students should work closely with their respective advisers in the Colleges of Business Administration and Education. Program requirements for the B.B.A. with teaching certification will total approximately 140 semester hours including kinesiology requirements, if applicable.

AUXILIARY PROGRAMS

Bureau of Business and Government Research

James Owen, Ph.D.
Director

The Bureau of Business and Government Research is an integral part of Midwestern State University. The principal purposes of the Bureau are:

1. to provide assistance in research conducted by the faculty and students in the University;
2. to conduct and encourage research related to the local community; and
3. to promote public understanding of contemporary economic, business, and government issues.

The Bureau of Business and Government Research at Midwestern State University is a member of the nationwide Association for University Business and Economic Research.

The Mamie Raborn Center for Economic Education

John Martinez, Ph.D.
Director

The Mamie Raborn Center for Economic Education was established in 1982 to increase the economic understanding of the university community and the citizens of the North Texas area. The Center provides economic education materials, disperses information concerning economic issues, and serves as a point of contact for members of the media and community having questions about economic issues.

Small Business Development Center

Vanda Wright
Interim Director

The MSU Small Business Development Center provides assistance to small businesses. Clients include those already in business and those who want to start a new enterprise. The Center provides business and technical advice in one-on-one counseling. Special seminars and workshops are developed and presented as needed. Assistance in international trade, government contracting, and technology transfer is also offered. In the process of working with clients, a data base is being assembled that reflects the economic activity of our geographic area. This data will be useful in better understanding our small business sector.

Bridwell Professorship of Finance

The Bridwell Professorship of Finance was established in 1990 by the Bridwell Foundation to bring outstanding scholarship to Midwestern State University. The professor holding this position is recognized in the finance profession for his academic achievements.

Dr. Roy P. Patin, Jr., the Bridwell Professor of Finance, came to Midwestern State University in 1992 from McNeese State University. Dr. Patin has written numerous articles and has served as a finance consultant. He has work experience with Exxon Oil Company and Dow Chemical Company. He has held administrative positions in higher education and has taught at McNeese State University, Clemson University, and Mississippi State University.



GORDON T. AND ELLEN WEST COLLEGE OF EDUCATION

Grant W. Simpson, Jr., Dean (Ferguson Hall 201A)

EDUCATION

Ann Estrada, Chair - Education and Reading

Michaëlle Kitchen, Chair - Counseling and Special Education

Michael Land, Chair - Educational Leadership and Technology

Professors: Coe, Kallam, Land, Simpson

Associate Professors: Capps, Dowd, Estrada, Gore, Hartzler,
Kitchen, Menard, Stange

Assistant Professors: Andersen, Bailey, Burger, Mullen, Redmon

Instructor: Curry

Certification Officer: Darter

Professors Emeriti: Darter, Dickerson, Furr, Hill, Newton, Smith

MISSION STATEMENT FOR THE GORDON T. AND ELLEN WEST COLLEGE OF EDUCATION

The purpose of the Gordon T. and Ellen West College of Education is to provide high-quality, research-based, undergraduate and graduate programs of instruction in each of the areas included in the college as well as coordinate the campus components in teacher education. The college prepares professional educators, counselors, and trainers for successful careers in elementary and secondary schools, business, allied health, industry, government, and higher education institutions. Programs in education provide learning opportunities through organized classes and field experiences, internships, or practica. Students are prepared to use current technology and to work with a diverse population.

The undergraduate teacher certification program of the West College of Education functions within a Center for the Professional Development of Teachers (CPDT). The CPDT consists of the Gordon T. and Ellen West College of Education and cooperating public schools. All professional education courses, and most reading courses, are taught as field-based courses in classrooms dedicated to our teacher education program in those professional development schools.

The Gordon T. and Ellen West College of Education offers teacher certification for elementary, secondary, and all-level teachers. Students who wish to become elementary teachers (Early Childhood - Grade 4; Grades 4-8) graduate with a Bachelor of Science in Interdisciplinary Studies (BSIS). Students who wish to become secondary teachers (Grades 8-12) or all-level teachers (Grades K-12) pursue a Bachelor of Science, Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, or Bachelor of Business Administration with a major and/or minor in appropriate teaching fields.

The program requirements listed are those in effect at the time this catalog was published. Changes may be mandated by the Texas Higher Education Coordinating Board (THECB), State Board for Educator Certification (SBEC), or Midwestern State University Teacher Education Committee (MSU-TEC). Students should contact the West College of Education for information regarding program changes.

Students already holding a bachelor's degree who wish to seek teacher certification should contact the Certification Officer, Ferguson Hall 201-B, for an assessment of their degree and specific program requirements.

Summary Information of Teacher Candidates

The teacher education preparation program is accredited by the State Board for Educator Certification (SBEC). The following demographic data presents the pass rate of the ExCET for those completing the initial teacher education program between September 1, 2001 and August 31, 2002.

Overall pass rate:

<u>Total</u>	<u>Female</u>	<u>Male</u>
91.31% (230)	92.48% (181)	86.67% (49)

Pass rate by ethnicity:

<u>African American</u>	<u>Hispanic</u>	<u>Other</u>	<u>White</u>
87.50% (9)	91.67% (11)	75.00% (4)	91.77% (206)

Numbers in parenthesis represent number passing the test.

State Board for Educator Certification Mandated Changes

We anticipate that the State Board for Educator Certification will mandate changes in several areas of teacher certification and the requirements for certification after this catalog is published. Please inquire with the Dean of the West College of Education to determine if such changes have been made.

Admission to the Teacher Certification Program: The Teacher Education Committee expects all teacher education students to be above average scholars; therefore, to be considered for admission to the Teacher Certification program, the applicant must have:

1. an application on file (forms available in Education Office);
2. three letters of recommendation (forms available in Education Office);
3. satisfactory scores on the Texas Higher Education Assessment (THEA), or equivalent, in reading, writing, and mathematics;
4. at least 60 semester hours of credit;
5. a cumulative grade point of 2.75; and
6. a grade point of 2.5 in freshman English (excluding any developmental courses).

When the above steps have been successfully completed, the student's application to the teacher education program is submitted to the Teacher Education Committee. The Teacher Education Committee has the authority to accept or reject an applicant to teacher certification based on the applicant's file and other relevant information. Admission to the Teacher Education Program is highly selective. Should limitations on resources require restrictions to be placed on the number of students admitted in a given semester or year, the Teacher Education Committee will admit students according to the level of distinction achieved.

All students must satisfy the basic skills testing requirement (Texas Higher Education Assessment test) and have 60 semester credit hours prior to enrolling in any professional education course (EDUC 3153, 3163, 4106, 4166, 4173, 4176, 4466, 4473, READ 4203, 4213, 4223, 4273). Students should complete all requirements and file for admission by the time they have completed 60 hours of credit. Students having 60 hours of credit and having met the THEA requirement but who have not been admitted to the program are limited to taking 6 semester hours of professional education.

Undergraduate students seeking teacher certification shall have their official adviser appointed by the Dean of the West College of Education. The Certification Officer will advise post-baccalaureate candidates.

Admission to Student Teaching. Students should make application for student teaching by October 15 for the spring semester and by March 15 for the fall semester. Consideration for admission requires a 2.6 grade point average (programs in the College of Liberal Arts require a 2.75**) and the dean's approval in professional education and each teaching field. A grade of "D" in a course required for certification cannot be used in a student's major, minor, or professional education courses. Students may be required to pass qualifying exams in their respective colleges prior to being admitted to student teaching. Forty-five hours of field experiences, with at least one-half at the appropriate teaching level, must be completed before student teaching begins. Complete applications are approved by the Teacher Education Committee. Fall applications may not be approved until August, if the student has summer courses to complete.

All students receive a speech/language diagnostic assessment as part of their course work. If there are areas for remediation and correction, speech/language therapy is provided for students as a professional service. Admission into student teaching is contingent upon completion of the recommended corrective steps. Proper speech and language is a professional competency and expectation. Providing these services to education students should be viewed as a tangible benefit of attending MSU.

Student teachers seeking elementary certification must have completed Education 3153, 4106, Reading 4203, 4213, and 4223, prior to student teaching. Education 3163 will be taken during the semester of student teaching.

Student teachers seeking secondary certification must have completed Reading 4273, Education 3153, and 4106 prior to student teaching. Education 3163 will be taken during the semester of student teaching.

Student teaching will be full days for 12 weeks.

**Teaching fields in the College of Liberal Arts include Composite Social Studies, English/Language Arts and Reading, French, History, and Spanish.

Fitness for the Teaching Profession. Students who are admitted to teacher education are expected to meet specified non-academic standards that are necessary to be competent teachers. The intent is to ensure that the students recommended for teacher certification are able to effectively and independently carry out the duties for which they are being prepared. The fitness criteria include physical characteristics, personality characteristics, responsibility characteristics, communication skills, social relationships, and commitment to the teaching profession. Students who have been identified with a demonstrable discrepancy by two or more professors or cooperating teachers will meet with the Faculty Review Committee to discuss options and develop a growth plan. The Faculty Review Committee consists of three faculty members in the West College of Education appointed by the dean. Failure to make satisfactory progress on the growth plan may result in denied admission to student teaching or removal from the program.

Recommendation for Certification. University recommendation for teacher certification will be made upon completion of the approved program, satisfactory scores on the state competency examinations (TExES), and approval by the Teacher Education Committee. Recommendation for certification will not be made for a student receiving a grade below "C" in student teaching. Certification requires successful scores on the TExES and an application fee set by the State Board for Educator Certification.

Application for certification is made by applying online at the website for the State Board for Education Certification (<http://www.sbec.state.tx.us>). Contact the Certification Assistant in the Education Office for detailed instructions on applying online.

For the Language and Bilingual program, students must also pass an oral examination (TOPT).

Upon receipt of the University recommendation, the State Board for Educator Certification screens all applicants for Texas certificates for a record of felony or misdemeanor conviction through the Texas Department of Public Safety. In accordance with Article 6252-13c, Texas Civil Statutes, the Commissioner of Education may suspend or revoke a teaching certificate, or refuse to issue a teaching certificate for a person who has been convicted of a felony or misdemeanor for a crime which directly relates to the duties and responsibilities of the teaching profession.

Bachelor of Science in Interdisciplinary Studies (BSIS)

Elementary/Middle School Certification

The BSIS is designed for initial certification of elementary and middle school teachers. The degree program includes two levels of certification, Early Childhood – Grade 4 and Grades 4-8.

Early Childhood Through Grade 4 (EC-4)

Academic Foundations and Core Curriculum	46 hours
ENGL 1113, 1123 Rhetoric and Composition	6
SPAN 1134, 1234 Elementary Spanish	8
GNSC 1104, 1204 Life/Earth Science and Physical Science	8
HIST 1133, 1233 Survey of American History	6
POLS 1333, 1433 American Government	6
MATH 1113 or 1233 Concepts of Algebra or College Algebra	3
SPCH 1133 or 1233 Fundamentals of Speech or Voice and Diction	3
PSYC 1103 or SOCL 1133 General Psychology or Introduction to Sociology	3
ART 4303 Foundations of Art I	3
Academic Subject Area	40 hours
ENGL Sophomore literature	3
COUN 2023 Human Development	3
ECON 1333 or 2333 General Economics or Macroeconomics	3
MATH 2033, 2043 Structure of the Number System I and II	6
BIOL 2333 or KNES 2333 Nutrition	3
Science (One 4 hour lab science)	4
MUSC 4813 Foundations of Music	3
COUN 3143 Human Diversity	3
ECED 3103 Introduction to Young Children	3
ECED 4123 Early Childhood Development: Language and Literacy	3
SPED 3613 Exceptional Individuals	3
EDUC 3153 Educational Psychology	3
Professional Education	24 hours
ECED 3173 ESL Methods and Materials	3

ECED	4133	Early Childhood Curriculum	3
EDUC	2013	School and Society	3
EDUC	3163	Classroom Management	3
EDUC	4106	Planning and Assessment	6
EDUC	4166	Student Teaching in Elementary School	6

Reading **12 hours**

READ	3013	Child and Adolescent Literature	3
READ	4203	Developmental Reading	3
READ	4213	Methods of Teaching Reading and the Language Arts	3
READ	4223	Diagnosis and Correction of Reading Difficulties	3

Other Requirements **9-10 hours**

EDUC	1023, CMPS 1023	or demonstrate computer proficiency through department exam.	3
KNES	4663	Fundamentals of Elementary Physical Education	3
KNES	Activity		2
KNES	1011	Fundamentals of Physical Activity and Health or 1 activity	1-2

Total semester hours **131-132**

Bachelor of Science in Interdisciplinary Studies Grade 4 Through Grade 8

The West College of Education offers the following four teaching fields for grades 4-8 certification: English/Language Arts and Reading, Mathematics, Science, and Social Studies.

English/Language Arts and Reading (4-8 Certificate)

Academic Foundations and Core Curriculum **46 hours**

ENGL	1113, 1123	Rhetoric and Composition	6
SPAN	1134, 1234	Elementary Spanish	8
GNSC	1104, 1204	Life/Earth Science and Physical Science	8
HIST	1133, 1233	Survey of American History	6
POLS	1333, 1433	American Government	6
MATH	1113 or 1233	Concepts of Algebra or College Algebra	3
SPCH	1133 or 1233	Fundamentals of Speech or Voice and Diction	3
PSYC	1103 or SOCL 1133	General Psychology or Introduction to Sociology	3
ART	1413 or MUSC 1033	Art or Music Appreciation	3

Academic Subject Area **46 hours**

ENGL	Sophomore literature	6
ENGL	3503 Advanced Survey of Literature	3
ENGL	3513 Advanced Grammar	3
ENGL	3533 Theory of Composition	3
	Advanced English (3000 or 4000 level)	6
JOUR	1233 Introduction to Mass Communication	3
COUN	2023 Human Development	3

MATH	2033, 2043	Structure of the Number System I & II	6
ECON	1333 or 2333	General Economics or Macroeconomics	3
Science	(One 4 hour lab science)		4
COUN	3143	Human Diversity	3
SPED	3613	Exceptional Individuals	3

Professional Education **21 hours**

EDUC	2013	School and Society	3
EDUC	3153	Educational Psychology	3
EDUC	3163	Classroom Management	3
EDUC	4106	Planning and Assessment	6
EDUC	4166	Student Teaching in Elementary School	6

Reading **12 hours**

READ	3013	Child and Adolescent Literature	3
READ	4203	Developmental Reading	3
READ	4213	Methods of Teaching Reading and the Language Arts	3
READ	4223	Diagnosis and Correction of Reading Difficulties	3

Other Requirements **9-10 hours**

EDUC	1023, CMPS 1023	or demonstrate computer proficiency through department exam.	3
KNES	4663	Fundamentals of Elementary Physical Education	3
KNES	Activity		2
KNES	1011	Fundamentals of Physical Activity and Health or 1 activity	1-2

Total Semester Hours **134-135**

Mathematics (4-8 Certificate)

Academic Foundations and Core Curriculum **46 hours**

ENGL	1113, 1123	Rhetoric and Composition	6
SPAN	1134, 1234	Elementary Spanish	8
GNSC	1104, 1204	Life/Earth Science and Physical Science	8
HIST	1133, 1233	Survey of American History	6
POLS	1333, 1433	American Government	6
MATH	1233	College Algebra	3
SPCH	1133 or 1233	Fundamentals of Speech or Voice and Diction	3
PSYC	1103 or SOCL 1133	General Psychology or Introduction to Sociology	3
ART	1413 or MUSC 1033	Art or Music Appreciation	3

Academic Subject Area **37 hours**

MATH	2033, 2043	Structure of Number System I & II	6
MATH	3033	Modeling	3
MATH	3113	Techniques in Problem Solving	3
MATH	3123	Concepts of Geometry	3
STAT	3573	Probability and Statistics	3
MATH	4033	Foundations of Discrete Math	3
GNSC	3104	Concepts of Science	4

COUN	2023	Human Development	3
COUN	3143	Human Diversity	3
GEOG	3003	Geography of the World	3
SPED	3613	Exceptional Individuals	3

Professional Education **21 hours**

EDUC	2013	School and Society	3
EDUC	3153	Educational Psychology	3
EDUC	3163	Classroom Management	3
EDUC	4106	Planning and Assessment	6
EDUC	4166	Student Teaching in Elementary School	6

Reading **12 hours**

READ	3013	Child and Adolescent Literature	3
READ	4203	Developmental Reading	3
READ	4213	Methods of Teaching Reading and the Language Arts	3
READ	4273	Content Reading	3

Other Requirements **12-13 hours**

EDUC	1023,	CMPS 1023 or demonstrate computer proficiency through department exam.	3
KNES	4663	Fundamentals of Elementary Physical Education	3
KNES		Activity	2
KNES	1011	Fundamentals of Physical Activity and Health or 1 activity	1-2
ECON	1333 or 2333	General Economics or Macroeconomics	3

Total semester hours **128-129**

Science (4-8 Certificate)

Academic Foundations and Core Curriculum **46 hours**

ENGL	1113, 1123	Rhetoric and Composition	6
SPAN	1134, 1234	Elementary Spanish	8
GNSC	1104, 1204	Life/Earth Science and Physical Science	8
HIST	1133, 1233	Survey of American History	6
POLS	1333, 1433	American Government	6
MATH	1113 or 1233	Concepts of Algebra or College Algebra	3
SPCH	1133 or 1233	Fundamentals of Speech or Voice and Diction	3
PSYC	1103 or SOCL 1133	General Psychology or Introduction to Sociology	3
ART	1413 or MUSC 1033	Art or Music Appreciation	3

Academic Subject Area **46-48 hours**

BIOL	1144	General Zoology or GEOL 1233 - Historical Geology	3-4
BIOL	1544	General Botany	4
GEOL	1134	Physical Geology	4
GNSC	3104	Concepts of Science	4
PHYS	1533	Descriptive Astronomy	3
	3 courses from:	BIOL 3434, 3534, GEOL 3023, 3133	10-11
CHEM	1103	Introductory Chemistry	3

MATH	2033, 2043	Structure of the Number System I & II	6
COUN	2023	Human Development	3
COUN	3143	Human Diversity	3
SPED	3613	Exceptional Individuals	3

Professional Education **21 hours**

EDUC	2013	School and Society	3
EDUC	3153	Educational Psychology	3
EDUC	3163	Classroom Management	3
EDUC	4106	Planning and Assessment	6
EDUC	4166	Student Teaching in Elementary School	6

Reading **12 hours**

READ	3013	Child and Adolescent Literature	3
READ	4203	Developmental Reading	3
READ	4213	Methods of Teaching Reading and the Language Arts	3
READ	4273	Content Reading	3

Other Requirements **12 hours**

EDUC	1023, CMPS 1023	or demonstrate computer proficiency through department exam.	3
KNES	4663	Fundamentals of Elementary Physical Education	3
KNES		Activity	2
KNES	1011	Fundamentals of Physical Activity and Health	1
ECON	1333 or 2333	General Economics or Macroeconomics	3

Total Semester Hours **137-139**

Social Studies (4-8 Certificate)

Academic Foundations and Core Curriculum **46 hours**

ENGL	1113, 1123	Rhetoric and Composition	6
SPAN	1134, 1234	Elementary Spanish	8
GNSC	1104, 1204	Life/Earth Science and Physical Science	8
HIST	1133, 1233	Survey of American History	6
POLS	1333, 1433	American Government	6
MATH	1113 or 1233	Concepts of Algebra or College Algebra	3
SPCH	1133 or 1233	Fundamentals of Speech or Voice and Diction	3
PSYC	1103 or SOCL 1133	General Psychology or Introduction to Sociology	3
ART	1413 or MUSC 1033	Art or Music Appreciation	3

Academic Subject Area **45 hours**

HIST	1333	Survey of Western Civilization	3
HIST	1433	Survey of Western Civilization	3
HIST	3133	Comparative World Religions and Cultures	3
HIST	3003	Survey of Texas History	3
SOCL	3783	Populations and World Cultures	3
SOST	3003	Concepts of Social Studies	3
POLS	2523	Foundations of Government	3

GEOG	3003	Geography of the World	3
GEOG	3013	Geography of North America	3
ECON	1333 or 2333	General Economics or Macroeconomics	3
MATH	2033, 2043	Structure of the Number System I & II	6
COUN	2023	Human Development	3
COUN	3143	Human Diversity	3
SPED	3613	Exceptional Individuals	3

Professional Education **21 hours**

EDUC	2013	School and Society	3
EDUC	3153	Educational Psychology	3
EDUC	3163	Classroom Management	3
EDUC	4106	Planning and Assessment	6
EDUC	4166	Student Teaching in Elementary School	6

Reading **12 hours**

READ	3013	Child and Adolescent Literature	3
READ	4203	Developmental Reading	3
READ	4213	Methods of Teaching Reading and the Language Arts	3
READ	4273	Content Reading	3

Other Requirements **13 hours**

EDUC	1023, CMPS 1023	or demonstrate computer proficiency through department exam.	3
KNES	4663	Fundamentals of Elementary Physical Education	3
KNES		Activity	2
KNES	1011	Fundamentals of Physical Activity and Health	1
Science		(One 4 hour lab science)	4

Total Semester Hours **137**

Bachelor of Science in Interdisciplinary Studies
Special Education Early Childhood through Grade 12
General Education Early Childhood through Grade 4

Academic Foundations and Core Curriculum **44 hours**

ENGL	1113, 1123	Rhetoric and Composition	6
ENGL		Sophomore literature	6
GNSC	1104, 1204	Life/Earth Science and Physical Science	8
HIST	1133, 1233	Survey of American History	6
POLS	1333, 1433	American Government	6
MATH	1233	College Algebra	3
SPCH	1233	Voice and Diction	3
PSYC	1103 or SOCL 1133	General Psychology or Introduction to Sociology	3
		One course from: ART 4303, MUSC 4813, THEA 4423	3

Academic Subject Area **40 hours**

ENGL	3523	Advanced Composition	3
MATH	2033, 2043	Structure of Number System I & II	6
		Advanced MATH (3000 or 4000 level)	3

Science	(One 4 hour lab science)	4
SPED	3513 Behavior Management	3
SPED	4113 Foundations of Special Education	3
SPED	4123 Assessment	3
SPED	4513 Teaching Strategies for Affective Disorders	3
SPED	4523 Vocational/Transitional Education	3
SPED	4533 Early Childhood Special Education	3
READ	3013 Child and Adolescent Literature	3
READ	4203 Developmental Reading	3

Professional Education **24 hours**

EDUC	2013 School and Society	3
EDUC	3153 Educational Psychology	3
EDUC	4106 Planning and Assessment	6
EDUC	4173 Student Teaching, Elementary, all-level	3
EDUC	4473 Student Teaching, Secondary, all-level	3
SPED	3313 Teaching Strategies for Cognitive Disorders	3
SPED	3613 Exceptional Individuals	3

Reading **12 hours**

READ	4213 Methods of Teaching Reading and the Language Arts	3
READ	4223 Diagnosis and Correction of Reading Difficulties	3
ECED	4123 Early Childhood Development: Language and Literacy	3
SPED	4313 Reading for Disabled Readers	3

Other Requirements **18-19 hours**

COUN	2023 Human Development	3
COUN	3143 Human Diversity	3
ECED	3103 Introduction to Young Children	3
ECON	1333 or 2333 General Economics or Macroeconomics	3
EDUC	1023, CMPS 1023 or demonstrate computer proficiency through department exam.	3
KNES	Activity	2
KNES	1011 Fundamentals of Physical Activity and Health or 1 activity	1-2

Total semester hours **138-139**

Bachelor of Science in Interdisciplinary Studies Bilingual Generalist and General Education EC-4

Academic Foundations and Core Curriculum **46 hours**

ENGL	1113, 1123 Rhetoric and Composition	6
SPAN	1134, 1234 Elementary Spanish	8
GNSC	1104, 1204 Life/Earth Science and Physical Science	8
HIST	1133, 1233 Survey of American History	6
POLS	1333, 1433 American Government	6
MATH	1113 or 1233 Concepts of Algebra or College Algebra	3
SPCH	1133 or 1233 Fundamentals of Speech or Voice and Diction	3
PSYC	1103 or SOCL 1133 General Psychology or Introduction to Sociology	3
ART	4303 or MUSC 4813 Foundations of Art or Music	3

Academic Subject Area		37 hours
ECED	3173 ESL Methods & Materials	3
ECED	4123 Early Childhood Language & Literacy	3
ECED	4133 Early Childhood Curriculum	3
EDBE	3213 Foundations of Bilingual Education	3
EDBE	3313 Methods & Materials in Bilingual Education	3
EDBE	4303 Second Language Acquisition	3
EDBE	4313 Concepts of Bilingualism & Biculturalism	3
EDBE	4323 Reading & Language Arts in Bilingual Education	3
EDBE	4333 Assessment in Bilingual Education	3
MATH	2033 Structure of the Number System I	3
MATH	2043 Structure of the Number System II	3
Science	4 hours any science	4
Professional Education		24 hours
EDUC	2013 School and Society	3
EDUC	3153 Educational Psychology	3
EDUC	3163 Classroom Management	3
EDUC	4106 Planning and Assessment	6
EDUC	4166 Student Teaching	6
SPED	3613 Exceptional Individuals	3
Reading		12 hours
READ	3013 Child and Adolescent Literature	3
READ	4203 Developmental Reading	3
READ	4213 Methods of Teaching Reading and the Language Arts	3
READ	4223 Diagnosis and Correction of Reading Difficulties	3
Other Requirements		15-16 hours
COUN	2023 Human Development	3
COUN	3143 Human Diversity	3
ECON	1333 or 2333 General Economics or Macroeconomics	3
EDUC	1023, CMPS 1023 or demonstrate computer proficiency through department exam.	3
KNES	Activity	2
KNES	1011 Fundamentals of Physical Activity and Health or 1 activity	1-2
Total Semester Hours		134-135

ENDORSEMENTS

English as a Second Language and Gifted and Talented

These endorsements are available at the graduate level. With permission, students within one semester of graduation may begin course work on these graduate endorsements. See graduate catalog.

SECONDARY TEACHER CERTIFICATION Grades 8 -12

Secondary teacher certification is based on bachelor's degrees offered in academic areas of the University. In addition to the requirements for the degree, students seeking

certification take 15 hours of Professional Education, a course in reading and student teaching. The requirements for secondary teacher certification may be slightly different from those of the degree without teacher certification but include academic foundations, a major field, a minor field, and special program requirements for the degree and major. Careful planning and advisement with both the major college and the West College of Education are important.

Professional Education for Secondary Certification. The professional secondary education block includes student teaching and field experience in schools and provides beginning skills for teaching. Initial certification is the first step in a teacher's career path for professional development.

Teaching Fields. The West College of Education offers the following teaching fields for grades 8-12 certification: English/Language Arts and Reading, History, Mathematics, Science (Composite, Life, and Physical), and Social Studies. Second teaching fields are offered in the following areas: Computer Science, French, Journalism, Speech, and Theatre Arts.

BACHELOR OF ARTS WITH SECONDARY CERTIFICATION (GRADES 8-12)

Academic Foundations and Core Curriculum	63-67
plus additional requirements	
ENGL 1113, 1123	6
6 hours sophomore literature* or humanities	6
SPCH 1133	3
MATH 1113 or 1233	3
Natural Sciences – two laboratory courses	6-8
HIST 1133, 1233	6
POLS 1333, 1433	6
ECON 1333 or 2333**	3
PSYC 1103 or SOCL 1133	3
KNES – 1 activity and KNES 1011	3
Foreign Language – 2 years of one foreign language	12-14
Fine Arts***	3
COUN 3143	3
<p>* Sophomore literature required for English Language Arts and Reading. ** Econ 2333 required for Social Studies program. *** Theatre Arts majors will meet requirement with theatre courses.</p>	
Additional General Requirements	3
EDUC 1023, CMPS 1023 or demonstrate computer proficiency through department exam.	3
Professional Education	24
EDUC 2013 School and Society	3
EDUC 3153 Educational Psychology	3
EDUC 4106 Planning and Assessment	6
READ 4273 Content Reading	3
EDUC 3163 Classroom Management	3
EDUC 4466 Student Teaching in the Secondary School	6

English Language Arts and Reading

Major: English **36**

ENGL 1113*, 1123*	6
6 hours sophomore literature*	6
ENGL 3503, 3513 and 3533	9
3 additional hours from 3000 level	3
3 hours from ENGL 4773, 4783, 4853, 4863, 4873, or 4883	3
6 additional hours from 4000 level	6
3 hours from any level (exclude ENGL 2113)	3

*12 hours duplicated in Academic Foundations.

Minor: Communication **24**

SPCH 2133 and 3013	6
JOUR 1233, 1243, and 3633 or 3653	9
READ 4223, 4253, and 4273*	9

*3 hours duplicated in Professional Education.

Total Semester Hours **135-139**

History

Major: History **33**

HIST 1133*, 1233* Survey of American History	6
HIST 1333, 1433 Survey of Western Civilization	6
HIST 3003 Survey of Texas History	3
HIST 3133 World Religions and Cultures	3
HIST 4433 Twentieth Century Europe	3
3 hours advanced U.S. History	3
3 hours advanced European History	3
3 hours advanced Far Eastern or Middle Eastern History	3
3 hours advanced Latin American History	3

*6 hours duplicated in Academic Foundations.

Minor: (any minor) **18 hours**

Total Semester Hours **135-139**

Social Studies

Major: History **33**

HIST 1133*, 1233* Survey of American History	6
HIST 1333, 1433 Survey of Western Civilization	6
HIST 3003 Survey of Texas History	3
HIST 3133 World Religions and Cultures	3
HIST 4433 Twentieth Century Europe	3
3 hours advanced U.S. History	3

3 hours advanced European History	3
3 hours advanced Far Eastern or Middle Eastern History	3
3 hours advanced Latin American History	3

Interdisciplinary Minor **27**

POLS 1333*, 1433* American Government	6
POLS 2523 Foundations of Government and Politics	3
POLS 3313 Introduction to Political Theory	3
ECON 2333* Macroeconomic Principles	3
ECON 2433 Microeconomic Principles	3
GEOG 3003, 3013 Geography of the World/Geography of North America	6
SOST 3003 Concepts of Social Studies	3

*15 hours duplicated in Academic Foundations.

Total Semester Hours **135-139**

**TEACHING FIELDS UNDER REVISION
BY STATE BOARD OF EDUCATION**

Standards for the Bachelor of Arts programs listed below are under development by the state. Students pursuing these programs should follow the academic foundations and professional education courses listed above. Check with the appropriate department for updated program requirements.

Spanish (38 hours): 1134, 1234, 2133, 2233; 3013 or 3023; 3003, 3333; 3 hours from 3133, 3233, 3533, 3633; 4133 or 4233, 4433, and 6 additional advanced hours.

Theatre Arts (39 hours): 1413, 1513, 1613, 2121, 2533, 3121 (5 semesters of enrollment), 3433, 3543, 4433, 4443, 4483; 6 hours from 3423, 3463, 3473, 4463, 4473.

**BACHELOR OF SCIENCE WITH SECONDARY
CERTIFICATION (GRADES 8-12)**

Academic Foundations and Core Curriculum
plus additional requirements **51-56**

ENGL 1113, 1123	6
6 hours humanities (two semesters of one foreign language required for science majors)	6-8
SPCH 1133	3
MATH 1233*	3
Natural Sciences – two semesters of one lab science	6-8
**CHEM 1141, 1143, 1241, 1243	
***PHYS 1144 or 1624 and 1244 or 2644	
HIST 1133, 1233	6
POLS 1333, 1433	6
ECON 1333 or 2333	3
PSYC 1103 or SOCL 1133	3
KNES – 2 activities or 1 activity and KNES 1011	3-4
Fine Arts	3

COUN 3143 3

* Math majors should take MATH 1533 instead.

** Required for composite science and physical science majors.

*** Required for life science major.

Professional Education 24

EDUC 2013 School and Society 3

EDUC 3153 Educational Psychology 3

EDUC 3163 Classroom Management 3

EDUC 4106 Planning and Assessment 6

READ 4273 Content Reading 3

EDUC 4466 Student Teaching in the Secondary School 6

Additional General Requirements 3

EDUC 1023, CMPS 1023 or demonstrate computer proficiency through department exam. (Math majors meet requirement in interdisciplinary minor.) 3

Mathematics

Major: Mathematics 39

MATH 1533* Precalculus 3

MATH 1634 Calculus I 4

MATH 1734 Calculus II 4

MATH 2133 Introduction to Modern Mathematics 3

MATH 2534 Calculus III 4

MATH 3133 Foundations of Geometry 3

MATH 3833 Linear Algebra 3

9 advanced hours elective MATH 9

6 hours math sequence selected from: 6

Analysis (MATH 4733 and 4833)

Statistics (MATH 4133 and 4143)

Algebra (MATH 3293 and 4293)

*3 hours duplicated in Academic Foundations.

Interdisciplinary Minor 20

CMPS 1043 Computer Science I 3

CMPS 1053 Computer Science II 3

STAT 3573 Probability and Statistics 3

2 semesters lab science (different than core requirement) 8

3 advanced hours taken from CMPS, BIOL, PHYS, CHEM, GEOL, or STAT 3

Total semester hours 131-134

Composite Science (Grades 8-12)

Major: Biology		24
BIOL	1144 General Zoology	4
BIOL	1544 General Botany	4
BIOL	3054 Principles of Biology I	4
BIOL	3064 Principles of Biology II	4
BIOL	3333, 3331 Genetics	4
	4 hours from BIOL 3024, 3434, 3534	4
Interdisciplinary Minor		22
GEOL	1134, 1233 Physical and Historical Geology	7
GEOL	3023 Environmental Science	3
GNSC	3204 Concepts of Science	4
PHYS	1144, 1244 General Physics	8
Program Requirement		7
CHEM	3003, 3001 Organic Chemistry	4
MATH	1433 Plane Trigonometry	3
Total semester hours		133-136

Life Science (Grades 8-12)

Major: Biology		31-32
BIOL	1144 General Zoology	4
BIOL	1544 General Botany	4
BIOL	3054 Principles of Biology I	4
BIOL	3064 Principles of Biology II	4
BIOL	3144 or 3044 Physiology or Bacteriology	4
BIOL	3333, 3331 Genetics	4
BIOL	3534 Systematic Botany	4
BIOL	3434 or 3643 Entomology or Invertebrate Zoology	3-4
Interdisciplinary Minor		22
CHEM	1143, 1141 General Chemistry	4
CHEM	1243, 1241 General Chemistry	4
CHEM	3003, 3001 Organic Chemistry	4
GNSC	3204 Concepts of Science	4
MATH	1433 Plane Trigonometry	3
STAT	3573 Probability and Statistics	3
Total Semester Hours		133-137

Physical Science (Grades 8-12)

Major: Physical Science 37

CHEM	1143*	1141*	General Chemistry	4
CHEM	1243*	1241*	General Chemistry	4
GEOL	1134,	1233	Physical and Historical Geology	7
GEOL	2134		Mineralogy	4
PHYS	1533		Descriptive Astronomy	3
15 advanced hours selected from:				15
	CHEM 3302, 3303, 3402, 3403			
	PHYS 3343, 3313, 4343			

*8 hours duplicated in Academic Foundations.

Interdisciplinary Minor 18

GEOG	3003 or 3013	Geography of the World/Geography of North America	3
GNSC	3204	Concepts of Science	4
PHYS	1144 or 1624	General Physics or Mechanics, Wave, Motion, and Heat	4
PHYS	1244 or 2644	General Physics or Electricity and Magnetism and Optics	4
MATH	1433	Plane Trigonometry	3

Total semester hours 127-130

Second Teaching Fields (Grades 8-12)

The program requirements listed are those in effect at the time this catalog was published. Changes may be mandated by THECB, SBEC, or MSU-TEC. Students should contact the West College of Education for information regarding program changes.

Computer Science – 28 hours

CMPS 1043, 1053, 2013, 2084, 2133, and twelve advanced hours.

French – 32 hours

FREN 1134, 1234, 2133, 2233, 3133, 3233, 3333, 4013, 4533, plus 3 additional advanced hours (may include a repeat of 4013 or 4533 if topics change).

Journalism – 24 hours

MCOM 4153, JOUR 1233, 1243, 3133, 3233, 3633, 3653, 4163.

Speech – 24 hours

SPCH 1133, 1233, 2133, 3013, 3023, 4133, JOUR 1233, 3 additional hours selected from: MCOM 4153, SPCH 4143, THEA 4213, 4423.

Theatre Arts – 24 hours

THEA 1413, 1513, 1613, 2533, 3433, 4483, 3 hours from THEA 3463, 3473, 4473, 3 additional advanced hours.

BUSINESS

Bachelor of Business Administration with Teacher Certification

Option III Basic Business

The program requirements listed are those in effect at the time this catalog was published. Changes may be mandated by THECB, SBEC, or MSU-TEC. Students should contact the West College of Education for information regarding program changes.

Academic Foundations and Core Curriculum plus additional requirements	45-48
ENGL 1113, 1123	6
SPCH 1133	3
HIST 1133, 1233	6
POLS 1333, 1433	6
Natural Sciences – two laboratory courses	6-8
BUAD 2153	3
MATH 1233 or 1203	3
Fine Arts – 3 hours from art, music, or theatre	3
SOCL 1133 or PSYC 1103	3
ECON 2333	3
Kinesiology (2 activities or 1 activity and KNES 1011)	3-4
 Option III - Major in General Business	 63
ACCT 2143, 2243, 3023	9
BUAD 3113, 3213, 3223, 3233, 3243, 3423	18
BCIS 3403	3
ECON 2433, 3323 or 3333	6
FINC 3413 or 3753, 3733	6
MGMT 3013, 3453, 4853	9
MKTG 3723 and 3823 or 4223	6
FINC 1733 or MGMT 4213	3
Advanced elective in business administration	3
 Additional General Requirement: COUN 3143	 3
 Professional Education for Secondary Certification	 24
EDUC 2013 School and Society	3
EDUC 3153 Educational Psychology	3
EDUC 3163 Classroom Management	3
EDUC 4106 Planning and Assessment	6
EDUC 4466 Student Teaching in the Secondary School	6
READ 4273 Content Reading	3
 Total Semester Hours	 135-138

All-Level Teaching Fields

The program requirements listed are those in effect at the time this catalog was published. Changes may be mandated by THECB, SBEC, or MSU-TEC. Students should contact the West College of Education for information regarding program changes.

All-Level Certification is available in three disciplines for students who wish to teach grades 1 - 12.

BFA:	Art All-Level
BA:	Kinesiology All-Level
BS:	Kinesiology All-Level
BM:	Music All-Level

ART

Bachelor of Fine Arts with Teacher Certification

Art All-Level

Academic Foundations and Core Curriculum plus additional requirements	45-48
ENGL 1113, 1123	6
COUN 3143	3
SPCH 1133	3
HIST 1133, 1233	6
POLS 1333, 1433	6
Natural Sciences – two laboratory courses	6-8
MATH 1113 or 1233	3
EDUC 1023 or CMPS 1023 or pass department exam	3
Fine Arts – met by course required in major	0
Humanities – met by courses required in major	0
SOCL 1133 or PSYC 1103	3
ECON 1333 or 2333	3
Kinesiology (2 activities or 1 activity and KNES 1011)	3-4
Major in Art	66
Design and Basic Art - 1113, 1123, 1313, 1323, 1413, 2013, 2153, 2313, 2523, 2613, 2813, 4303, 4403	39
Art History - 9 hours	9
Studio - 18 hours of which 12 must be advanced and equally divided between one 2-dimensional and one 3-dimensional studio area	18
Painting 3333, 4313, 4323	
Printmaking 3143, 3153, 4143, 4153	
Ceramics 3613, 4523, 4613	
Metals and Jewelry 3813, 3823, 4813, 4823	
Photography 3013, 3023, 4013, 4023	
Commercial Art 3713, 3723, 4713, 4723	
Sculpture 3623, 3633, 4623	
Professional Education for Secondary Certification	24
EDUC 2013 School and Society	3
EDUC 3153 Educational Psychology	3
EDUC 3163 Classroom Management	3
EDUC 4106 Planning and Assessment	6
EDUC 4173 Student Teaching, Elementary, All-Level	3
EDUC 4473 Student Teaching, Secondary, All-Level	3
READ 4273 Content Reading	3
Total Semester Hours	135-138

KINESIOLOGY

Bachelor of Arts with Secondary Certification (Grades EC-12, All-Level)

Academic Foundations and Core Curriculum		56-58
plus additional requirements		
ENGL	1113, 1123	6
SPCH	1133	3
MATH	1233	3
BIOL	1134, 1234	8
HIST	1133, 1233	6
POLS	1333, 1433	6
ECON	1333 or 2333	3
PSYC	1103 or SOCL 1133	3
Foreign Language	- 2 years of one foreign language	12-14
Fine Arts		3
COUN	3143	3
Additional General Requirements		3
EDUC 1023, CMPS 1023	or demonstrate computer proficiency through department exam.	3
Professional Education for All-Level Certification		24
EDUC	2013 School and Society	3
EDUC	3153 Educational Psychology	3
EDUC	3163 Classroom Management	3
EDUC	4106 Planning and Assessment	6
EDUC	4173 Student Teaching, Elementary, All-Level	3
EDUC	4473 Student Teaching, Secondary, All-Level	3
READ	4273 Content Reading	3
Major in Kinesiology		36
2 activity courses		4
KNES	1502 "Majors only" activity courses (with different activities)	4
KNES	1011 Fundamentals of Physical Activity and Health	1
KNES	1053 Foundations of Kinesiology	3
KNES	2213 First Aid and Safety	3
KNES	3603 Tests and Measurement	3
KNES	3653 Physiology of Exercise	3
KNES	4103 Mechanical Kinesiology or 4643 Anatomical Kinesiology	3
KNES	4663 Fundamentals of Elementary Physical Education	3
KNES	4693 Fundamentals of Secondary Physical Education	3
KNES	4703 Exercise Testing, Prescription, and Programming	3
One course from the following:		3
KNES	3363 Motor Development	
KNES	4033 Sport Psychology	
KNES	4513 Physical Activity for Exceptional Individuals	
KNES	4853 Curriculum Development and Administration of Physical Education Programs	

Minor - Minimum of 18 hours in any discipline **18**
(see minor for specific requirements).

Total Semester Hours **137-139**

KINESIOLOGY

Bachelor of Science with Secondary Certification (Grades EC-12, All-Level)

Academic Foundations and Core Curriculum **57-58**
plus additional requirements

ENGL	1113, 1123	6
	6 hours humanities	6
SPCH	1133	3
MATH	1233	3
Sciences	- two laboratory courses of same discipline - not biology	7-8
BIOL	1134, 1234	8
HIST	1133, 1233	6
POLS	1333, 1433	6
ECON	1333 or 2333	3
PSYC	1103 or SOCL 1133	3
Fine Arts		3
COUN	3143	3

Additional General Requirements **3**

EDUC 1023, CMPS 1023 or demonstrate computer proficiency through department exam. **3**

Professional Education for All-Level Certification **24**

EDUC	2013 School and Society	3
EDUC	3153 Educational Psychology	3
EDUC	3163 Classroom Management	3
EDUC	4106 Planning and Assessment	6
EDUC	4173 Student Teaching, Elementary, All-Level	3
EDUC	4473 Student Teaching, Secondary, All-Level	3
READ	4273 Content Reading	3

Major in Kinesiology **36**

	2 activity courses	4
KNES	1502 "Majors only" activity courses (with different activities)	4
KNES	1011 Fundamentals of Physical Activity and Health	1
KNES	1053 Foundations of Kinesiology	3
KNES	2213 First Aid and Safety	3
KNES	3603 Tests and Measurement	3
KNES	3653 Physiology of Exercise	3
KNES	4103 Mechanical Kinesiology or 4643 Anatomical Kinesiology	3
KNES	4663 Fundamentals of Elementary Physical Education	3
KNES	4693 Fundamentals of Secondary Physical Education	3
KNES	4703 Exercise Testing, Prescription, and Programming	3

One course from the following:	3
KNES 3363 Motor Development	
KNES 4033 Sport Psychology	
KNES 4513 Physical Activity for Exceptional Individuals	
KNES 4853 Curriculum Development and Administration of Physical Education Programs	
Minor - Minimum of 18 hours in any discipline (see minor for specific requirements).	18
Total Semester Hours	138-139

MUSIC

Bachelor of Music with Teacher Certification

Option I - Music All-Level, Vocal Emphasis

Academic Foundations, Core Curriculum, and Computer Competency	39-45
ENGL 1113, 1123	6
SPCH 1233	3
HIST 1133, 1233	6
POLS 1333, 1433	6
Natural Sciences - two laboratory courses	6-8
MATH 1113 or 1233	3
EDUC 1023 or CMPS 1023 or pass department exam	0-3
Fine Arts - met by course required in major	0
Humanities - met by courses required in major	0
SOCL 1133 or PSYC 1103	3
ECON 1333 or 2333	3
Kinesiology (2 activities or 1 activity and KNES 1011)	3-4
Major in Music	61
Theory 1601/1603, 1611/1613, 2603, 2613, 3632, 3662	18
Instrumental classes 3141, 3161, 3181, 3291	4
History 3723, 3733, 3743	9
Conducting 4843, 4862	5
Diction 1211, 1221	2
Choral Literature 3862, 3872	4
Applied Music	6
Senior Recital	1
Ensemble	7
Advanced electives	2
Piano Proficiency and Recital Attendance	
Music Technology 4893	3
Professional Education for All-Level Certification	27
EDUC 2013 School and Society	3
EDUC 3153 Educational Psychology	3
EDUC 3163 Classroom Management	3
MUSC 4823 Foundations of Music II	3
MUSC 4873 Foundations of Music III	3
EDUC 4173 Student Teaching, Elementary, All-Level	3

EDUC	4473	Student Teaching, Secondary, All-Level	3
READ	4273	Content Reading	3
COUN	3143	Human Diversity	3
Total Semester Hours			127-133

MUSIC

Bachelor of Music with Teacher Certification Option I - Music All-Level, Instrumental Emphasis

Academic Foundations, Core Curriculum, and Computer Competency 36-41

ENGL	1113, 1123		6
SPCH	1233		3
HIST	1133, 1233		6
POLS	1333, 1433		6
Natural Sciences - two laboratory courses			6-8
MATH	1113 or 1233		3
EDUC	1023 or CMPS 1023 or pass department exam		0-3
Fine Arts - met by course required in major			0
Humanities - met by courses required in major			0
SOCL	1133 or PSYC 1103		3
ECON	1333 or 2333		3
Kinesiology (normally met by 4 semesters of marching band)			0

Major in Music 61

Theory 1601/1603, 1611/1613, 2603, 2613, 3632, 3662			18
Instrumental classes 3141, 3161, 3181, 3281, 3291			5
History 3723, 3733, 3743			9
Conducting 4843, 4853			6
Applied Music			6
Senior Recital			1
Ensemble (includes 4 semesters of marching band)			7
Advanced electives			6
Piano Proficiency and Recital Attendance			
Music Technology 4893			3

Professional Education for All-Level Certification 27

EDUC	2013	School and Society	3
EDUC	3153	Educational Psychology	3
EDUC	3163	Classroom Management	3
MUSC	4823	Foundations of Music II	3
MUSC	4873	Foundations of Music III	3
EDUC	4173	Student Teaching, Elementary, All-Level	3
EDUC	4473	Student Teaching, Secondary, All-Level	3
READ	4273	Content Reading	3
COUN	3143	Human Diversity	3

Total Semester Hours 124-129

Please refer to page 214 for Course Descriptions.

WEST FOUNDATION PROFESSORSHIP OF EDUCATION

The West Foundation of Wichita Falls supports the West Professor of Education, Mary Ann Coe, in the Gordon T. and Ellen West College of Education. Dr. Coe's research emphasis is on the integration of technology into the learning process.



LAMAR D. FAIN COLLEGE OF FINE ARTS

Ronald D. Fischli, Dean (Fain Fine Arts Center B128)

MISSION STATEMENT FOR THE LAMAR D. FAIN COLLEGE OF FINE ARTS

The primary purpose of the Lamar D. Fain College of Fine Arts is to equip students with the knowledge and skills necessary to pursue a career in art, mass communication, music, or theatre. To accomplish this purpose, stress is placed on applying classroom learning to process and performance. The college prides itself on ensuring that its students do what they study: in its art studios, in its newspaper and television laboratories, and in its concerts, recitals, and dramatic productions.

Besides providing knowledge and training that will qualify students for jobs, graduate study, or professional school, the college endeavors to help students develop aesthetic sensibility, cultural awareness, and social responsibility. Not only are students taught to create within their disciplines, but they are challenged to evaluate the quality of what they have created, to assess the effect of their creations on the wider culture, and to aspire to professionalism and excellence. The goal is to empower students to use their talents to enrich and advance society.

Thus, the Fain College of Fine Arts adopts a twofold mission designed to produce graduates who are both competent professionals and sensitive, reliable, constructive citizens.

ART

Nancy Steele-Hamme, Chair (Fain Fine Arts Center C104)

Professors: Ash, Goldberg, Yarosz

Associate Professors: Davis, Steele-Hamme

Assistant Professors: Hiraide, Van Ael

Professor Emeritus: Crossnoe

MISSION STATEMENT FOR THE ART PROGRAM

The art program is dedicated to ensuring that the students acquire the necessary foundation knowledge and skills, develop marketable competencies in an area of artistic specialization, and come to see themselves as professionals committed to excellence.

Three degree programs are offered for art majors:

Bachelor of Fine Arts degree

Bachelor of Fine Arts degree (with Teacher Certification), see page 145

Bachelor of Arts degree

Non-majors may enroll in studio courses with the consent of the instructor.

BACHELOR OF FINE ARTS degree requirements

The requirements for the degree of Bachelor of Fine Arts with a major in Art are as follows:

Academic Foundations and Core Curriculum **48 hours**

Art Requirements **81 hours**

15 hours of basic art courses including 1113, 1123, 1313, 1323, and 1413

12 hours of Art History: 3413, 3423, and 6 additional hours

Painting 2313

Photography 2013

Printmaking 2153

Ceramics 2613

Metals & Jewelry 2813

Sculpture 2523

Drawing III 3213 or Drawing IV 4213

12 additional hours in a major studio emphasis

9 additional hours in a minor studio emphasis

9 additional hours advanced art

A senior exhibition of work (Art 4923) is required prior to graduation.

Total 129 hours

BACHELOR OF FINE ARTS WITH TEACHER CERTIFICATION degree requirements

Academic Foundations, Art requirements, and Professional Education requirements are found on page 145.

BACHELOR OF ARTS degree requirements

The purpose of the B.A. degree is to explore a variety of disciplines versus specialization.

The requirements for the degree of Bachelor of Arts with a major in art are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts requirements (see page 102)

Art Requirements

All students selecting a major or minor in the B.A. degree program must have their schedule approved in advance of registration by the Art Chair.

Major (39 semester hours)

ART 1113*, 1123*, 1313, 12 hours art history: ART 3413*, 3423*, and 6 additional hours*. 18 additional hours from a variety of studio disciplines with a total of 30 advanced hours.

A minor may be chosen in any field of interest. The minor must be approved by the student's adviser. *Art majors who select a minor in art history must take approved electives in place of these courses to fulfill art major requirements.

REQUIREMENTS FOR A MINOR IN ART (18 semester hours)

ART 1113 or 1123, ART 1313, three hours of advanced art history, and nine additional hours, with a total of 12 advanced hours.

REQUIREMENTS FOR A MINOR IN ART HISTORY (24 semester hours)

ART 1113, 1123, 3413, 3423, and 12 hours from 4000-level art history courses (ART 4533 may be repeated once for credit).

NOTE: The college reserves the privilege of retaining such student work as desired for reference or exhibition purposes. If the student, upon due notification, does not claim his work after a three-month period, the University will have the right to dispose of it.

Please refer to page 214 for Course Descriptions.

MASS COMMUNICATION

James Sernoe, Chair (Fain Fine Arts Center B110)

Assistant Professors: Bolin, Conrad, Gorham, Pruitt, Sernoe

Professors Emeriti: Allen, Cowart, Kable, Taylor

MISSION STATEMENT FOR THE MASS COMMUNICATION PROGRAM

The mission of the Mass Communication program is to prepare Bachelor of Arts graduates for employment in the multi-discipline media arena and/or graduate education. The mission will be achieved by evolving curriculum that stresses both theoretical principles and practical application of current theory.

The requirements for the degree of Bachelor of Arts in mass communication are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts requirements (see page 102)

Mass Communication Requirements (42 semester hours)

Mass Communication (24 semester hours) 2213, 3223, 3313, 3613, 4123, 4163
(one semester working either on *The Wichitan* or at MSU2), 4243;

Journalism (9 semester hours) 1233, 1243, 4643;

Speech Communication (9 semester hours) 1233, 4133, 3023;

Art (3 semester hours) 2013 or 3713.

A student majoring in Mass Communication must select a minor from one of the following:

Journalism (18 semester hours)

3133, 3233, 3623, 3633, 3653, 4123.

Broadcast Journalism (18 semester hours)

Journalism 3623, 4123, Mass Communication 4153, 4263, 4313, 4363.

Theatre (18 semester hours)

2533, 3433, 3473, 3483, 3543, 4483.

Art (18 semester hours)

1113 or 1123, 1313, 3013 or 3 hours of advanced commercial art, 3 hours of advanced art history, plus 6 advanced hours approved by the Art Chair.

Public Relations (18 semester hours)

JOUR 3133, 3233, 3633 or 3653, 4123, 4683, 4693.

Electives (sufficient to bring total hours to 124)

A 3.0 grade point average in major and minor is required prior to enrollment in Mass Communication 4243.

Minor in Mass Communication—18 semester hours comprised of:

- JOUR 1233 Introduction to Mass Communication
- JOUR 1243 News Writing I
- MCOM 3223 Advertising
- MCOM 3313 Studio Procedures I
- JOUR 4643 Mass Communication Law or MCOM 4313 Media Management
- JOUR 4683 Public Relations or SPCH 4133 Organizational Communication

Please refer to page 214 for Course Descriptions.

JOURNALISM

The requirements for the minor in journalism are as follows:

Minor in Journalism (18 semester hours)

JOUR 1233, 1243, 3133, 3233 plus six advanced JOUR hours.

The requirements for a teaching field in journalism are as follows:

- JOUR 1233 Introduction to Mass Communication
- JOUR 1243 News Writing I
- JOUR 3133 News Writing II
- JOUR 3233 News Editing and Copy Reading
- JOUR 3633 Editorial Writing
- JOUR 3653 Feature Writing
- JOUR 4163 Mass Communication Applications
- MCOM 4153 Broadcast Diction

Total 24 hours

Please refer to page 214 for Course Descriptions.

PUBLIC RELATIONS

The requirements for the minor in public relations are as follows:

Minor in Public Relations (18 semester hours)

JOUR 1243, 3133, 3233, 3633 or 3653, 4683, 4693.

SPEECH COMMUNICATION

The requirements for the minor in speech communication are as follows:

Minor in Speech Communication (18 semester hours)

Speech Communication 1133, 1233, 2133, 3013, 3023, 4133.

The requirements for a teaching field in speech are as follows:

- SPCH 1133 Fundamentals of Speech Communication

SPCH 1233 Voice and Diction
 SPCH 2133 Oral Interpretation
 SPCH 3013 Argumentation and Debate
 SPCH 3023 Persuasion
 SPCH 4133 Organizational Communication
 JOUR 1233 Introduction to Mass Communication

3 additional hours from:

MCOM 4153 Broadcast Diction
 SPCH 4143 Problems in Speech Communication
 THEA 4213 Dialects
 THEA 4423 Creative Dramatics

Total 24 hours

Please refer to page 214 for Course Descriptions.

MUSIC

Ruth Morrow, Chair (Fain Fine Arts Center 117)

Professors: Archambo, Hough, Maxwell, Morrow

Associate Professors: Lewis, Schuppener

Assistant Professors: Black, Crews

Professors Emeriti: I. Boland, Hughes

MISSION STATEMENT FOR THE MUSIC PROGRAM

The mission of the music program at Midwestern State University is to provide a comprehensive music curriculum and a wide range of performance opportunities which will equip students for a variety of music careers while enabling them also to become well-rounded persons through involvement in diverse liberal arts courses. The music program endeavors to help students develop aesthetic sensibility, cultural awareness, and social responsibility. Not only are students taught to create within their disciplines, they are challenged to evaluate the quality of what they have created. Central to the mission is to empower students to use their talents to enrich and advance society. With this in mind the program also serves as a catalyst between the university and the community in promoting artistic activities.

The following degree programs are offered for music majors:

Bachelor of Music (Performance)

Bachelor of Music (with Teacher Certification), see page 148.

GENERAL INFORMATION

Entering students may be required to take music placement tests. Preparatory study or considerable experience in the field of performance concentration is required of all majors. Advanced standing of transfer students will be determined by placement tests and evaluation of scholastic standing.

All music majors, with the exception of keyboard performance majors, are required to maintain continuous enrollment in piano class or private piano (with approval from the chair of keyboard studies) until keyboard proficiency is passed.

All music majors must participate in at least one major ensemble for credit each

semester of enrollment except during the semester of student teaching. (See list of major ensembles under Courses in Music Ensemble on page 288.)

All music majors are required to maintain continuous enrollment in their primary performance area until successfully completing the senior recital.

All music majors are required to make a grade of "C" or better in every music course required for the degree and/or major in music.

Additional information regarding Music Department policies and procedures is available in the Music Department Policy Manual.

RECITAL REQUIREMENTS

All candidates for the Bachelor of Music degree must prove satisfactory performance ability by performing publicly in recital. Students taking the performance degree will perform a half recital in the junior year, and a full recital in the senior year. Students with teacher certification will perform a half recital in the senior year.

All music majors, with the exception of keyboard performance majors, must pass the keyboard proficiency examination prior to the performance of their senior recital.

Before a recital is performed publicly, the student will be required to demonstrate to the faculty in his/her performance area that the program is ready for public performance. The time for this preview will be at least three weeks prior to the public performance date.

RECITAL ATTENDANCE REQUIREMENTS

Each student will be required to enroll in Recital Attendance (MUSC 1000) until eight semesters have been completed. This course is required for graduation but will carry no semester-hours credit toward a degree. The number of required semesters of Recital Attendance for transfer students will be determined by the Music Department Chair upon the student's entrance into the music program.

Grading will be by pass/fail. Attending a specific number of recitals will be required each semester for a passing grade. Failure to attend the requisite number of recitals will result in a failing grade for the semester.

Music majors must pass a minimum of eight semesters. Students will not be cleared for graduation until these requirements are met.

REQUIREMENTS FOR THE MINOR IN MUSIC (23-24 semester hours):

All students selecting a minor in music must have their program approved in advance of registration by the Music Minor Adviser.

Music 1000 (4 semesters), 1601/1603, 3723, and 3733 or 3743, 2 semester hours from 1111 Beginning Piano or 1121 Piano Class (keyboard students take MUSC 3823 Piano Pedagogy I (offered fall semester only); Major Ensemble (4 semesters), 4 semester hours primary performance area (must be concurrently enrolled in major ensemble), 3-4 semester hours from the following: 1611/1613, 3733, 3743, 4813, 4823, 4843, or 4893. Nine hours of the minor must be at the advanced level (3 advanced hours may be taken in upper-level ensemble).

REQUIREMENTS FOR THE BACHELOR OF MUSIC DEGREE:

Primary Performance Areas: Brass, Percussion, Woodwinds, Guitar, Voice, Keyboard

MUSIC CORE REQUIREMENTS (required of all music majors) 40-41 hours**Recital Attendance** (eight semesters)**Music Theory** (18 hours) - MUSC 1601/1603, 1611/1613, 2603, 2613, 3632, and 3662.**Music History** (9 hours) - MUSC 3723, 3733, and 3743.**Conducting** (3 hours) - MUSC 4843.**Ensemble** (Performance Majors - 8 hours, Teacher Certification - 7 hours)**Music Technology** (3 hours) - MUSC 4893**PERFORMANCE MAJORS - ADDITIONAL REQUIREMENTS****Academic Foundations, Core Curriculum, and Computer Competency 36-41****Music Requirements:**

Instrumental Performance	42 hours
MUSC 4853	3
Primary Performance Area (12 advanced, including 3 of Junior Recital and 3 of Senior Recital)	24
Secondary Performance Area with Proficiency (4 sem.)	4
Secondary Ensemble (4 sem.)	4
Advanced music electives	7
Total hours	120-124
Vocal Performance	52 hours
MUSC 1211, 1221, 3211, 3221, 4833, and 4862	9
Primary Performance Area (12 advanced, including 3 of Junior Recital and 3 of Senior Recital)	24
Performance Class 1101 (2 sem.), 3101 (2 sem.)	4
Opera Workshop 1931 (2 sem.), 3931 (2 sem.)	4
Advanced music electives	3
Foreign Language (2 semesters of French or German - can be met by Academic Core Requirements)	8
Total hours	128-134
Keyboard Performance	48-49 hours
MUSC 3823, 3833, 3842, 3852, and 4853 or 4862	12-13
Primary Performance Area (12 advanced, including 3 of Junior Recital and 3 of Senior Recital)	24
Secondary Performance Area (2 semesters must be keyboard)	4
Advanced music electives	8
Total hours	124-131

Bachelor of Music with Teacher Certification

Option I - Music All-Level, Vocal Emphasis

Academic Foundations, Core Curriculum, and Computer Competency 39-45

ENGL	1113, 1123	6
SPCH	1233	3
HIST	1133, 1233	6
POLS	1333, 1433	6
Natural Sciences - two laboratory courses		6-8
MATH	1113 or 1233	3
EDUC	1023 or CMPS 1023 or pass department exam	0-3
Fine Arts - met by course required in major		0
Humanities - met by courses required in major		0
SOCL	1133 or PSYC 1103	3
ECON	1333 or 2333	3
Kinesiology (2 activities or 1 activity and KNES 1011)		3-4

Major in Music 61

Theory 1601/1603, 1611/1613, 2603, 2613, 3632, 3662		18
Instrumental classes 3141, 3161, 3181, 3291		4
History 3723, 3733, 3743		9
Conducting 4843, 4862		5
Diction 1211, 1221		2
Choral Literature 3862, 3872		4
Applied Music		6
Senior Recital		1
Ensemble		7
Advanced electives		2
Piano Proficiency and Recital Attendance		
Music Technology 4893		3

Professional Education for All-Level Certification 27

EDUC	2013 School and Society	3
EDUC	3153 Educational Psychology	3
EDUC	3163 Classroom Management	3
MUSC	4823 Foundations of Music II	3
MUSC	4873 Foundations of Music III	3
EDUC	4173 Student Teaching, Elementary, All-Level	3
EDUC	4473 Student Teaching, Secondary, All-Level	3
READ	4273 Content Reading	3
COUN	3143 Human Diversity	3

Total Semester Hours 127-133

Bachelor of Music with Teacher Certification
Option I - Music All-Level, Instrumental Emphasis

Academic Foundations, Core Curriculum, and Computer Competency 36-41

ENGL	1113, 1123	6
SPCH	1233	3
HIST	1133, 1233	6
POLS	1333, 1433	6
Natural Sciences	- two laboratory courses	6-8
MATH	1113 or 1233	3
EDUC	1023 or CMPS 1023 or pass department exam	0-3
Fine Arts	- met by course required in major	0
Humanities	- met by courses required in major	0
SOCL	1133 or PSYC 1103	3
ECON	1333 or 2333	3
Kinesiology	(normally met by 4 semesters of marching band)	0

Major in Music 61

Theory	1601/1603, 1611/1613, 2603, 2613, 3632, 3662	18
Instrumental classes	3141, 3161, 3181, 3281, 3291	5
History	3723, 3733, 3743	9
Conducting	4843, 4853	6
Applied Music		6
Senior Recital		1
Ensemble	(includes 4 semesters of marching band)	7
Advanced electives		6
Piano Proficiency and Recital Attendance		
Music Technology	4893	3

Professional Education for All-Level Certification 27

EDUC	2013 School and Society	3
EDUC	3153 Educational Psychology	3
EDUC	3163 Classroom Management	3
MUSC	4823 Foundations of Music II	3
MUSC	4873 Foundations of Music III	3
EDUC	4173 Student Teaching, Elementary, All-Level	3
EDUC	4473 Student Teaching, Secondary, All-Level	3
READ	4273 Content Reading	3
COUN	3143 Human Diversity	3

Total Semester Hours 124-129

Please refer to page 214 for Course Descriptions.

(AMUS) APPLIED MUSIC - PERFORMANCE

Courses in performance (private lessons) are available for one or three semester hours credit. Performance course numbers have a first digit of 1 or 3 corresponding to the level of study. The final digit corresponds to the number of semester hours in which a student is enrolled. The central digits show the area of performance study (piano, voice, non-major voice, etc.) according to the table on pages 217-218.

Students majoring in performance as candidates for the Bachelor of Music degree may enroll for no more than three semester hours in their primary performance area each semester. Candidates for the Bachelor of Music degree with Teacher Certification, music minors, and non-majors/non-minors may enroll for no more than one semester hour each semester.

Please refer to page 214 for Course Descriptions.

BOLIN DISTINGUISHED CHAIR OF PIANO

The Dolores P. Bolin Distinguished Chair of Piano was established in 1981 through the generous gift of Mrs. Bolin in memory of her husband, Wichita Falls oil man, D. Houston Bolin. In 2000, a second chair was established through a generous gift from D. Phil and Aurora S. Bolin. These endowments allow Midwestern State University to enhance its high level of pianistic and musical excellence. Past Bolin Chairs were Dr. Peter Armstrong, Julie Bees, and Nancy Boston.

Dr. Ruth Morrow is the current Bolin Distinguished Chair of Piano. She holds degrees from Indiana University (D.M., Piano Performance and Pedagogy), Eastman School of Music (M.M., Piano; M.A., Musicology), and Whitman College (B.A., Music, Philosophy). With a background which spans all musical styles and includes performances throughout the United States and in Europe, Dr. Morrow brings depth, breadth, and enthusiasm to her position.

THEATRE

Laura Jefferson, Chair (Fain Fine Arts Center 106)

Professors: Fischli, Henschel, Lewandowski

Associate Professor: Jefferson

MISSION STATEMENT FOR THE THEATRE PROGRAM

The mission of the Midwestern State University theatre program is to advance the study and performance of live theatre, and, in so doing, to equip students to make positive cultural contributions as theatre educators, professionals, or graduate students.

Three degree programs are offered for theatre majors:

Bachelor of Fine Arts

Bachelor of Arts

Bachelor of Arts with Teacher Certification

A grade of "C" or better must be achieved in all courses required to complete a major in theatre.

BACHELOR OF FINE ARTS degree requirements

Academic Foundations and Core Curriculum (see page 101)

Theatre Requirements (65 semester hours)

General Requirements (14 semester hours)

SPCH 1233, THEA 2121, 2133, 3121 (7 hours or every semester enrolled as a theatre major)

History/Theory (6 semester hours)
4433 and 4443

Acting/Directing (18 of the following 21 semester hours)
1413, 2533, 3123, 3423, 3433, 3543, 4483

Technical Theatre (18 of 24 semester hours)
Required: 1513, 1613, 1713
9 hours from 3463, 3473, 3483, 4463, 4473

Plus nine advanced hours chosen from the following:
THEA 3513, 4143, 4213, 4423, 4463, 4473

Electives (12 semester hours)

BACHELOR OF ARTS degree requirements

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts requirements (see page 102)

Theatre requirements (42 semester hours)
SPCH 1233, THEA 1413, 1513, 1613, 2133, 2533, 3433, 3543, 4483; one hour of 2121, five hours of 3121; three semester hours from 3423, 3463, 3473, 3483, 4463, or 4473; three semester hours from 4433 or 4443; plus three advanced hours.

The requirements for the minor in theatre are as follows:

Minor in Theatre (18 semester hours)
SPCH 1233, THEA 1513, 1613, 2533, 3433, and three semester hours from 3423, 3463, 3473, 3483, or 4463.

BACHELOR OF ARTS WITH TEACHER CERTIFICATION degree requirements

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts requirements (see page 102)

Requirements for a First Teaching Field in Theatre Arts (39 hours)

THEA	1413	Movement for Stage
THEA	1513	Scene Construction
THEA	1613	Performance Makeup
THEA	2121	Rehearsal and Production
THEA	3121	Rehearsal and Production (5 semesters of enrollment)
THEA	2533	Introduction to Acting
THEA	3433	Principles of Directing
THEA	3543	Advanced Acting
THEA	4433	Theatre History I
THEA	4443	Theatre History II
THEA	4483	Direction of Plays

6 hours from:

THEA	3423	Script Analysis
THEA	3463	Scene Design
THEA	3473	Performance Lighting
THEA	4463	Construction of Stage Costumes
THEA	4473	Design of Stage Costumes

Requirements for a Second Teaching Field in Theatre Arts (24 hours)

THEA 1413 Movement for Stage
THEA 1513 Scene Construction
THEA 1613 Performance Makeup
THEA 2533 Introduction to Acting
THEA 3433 Principles of Directing
THEA 4483 Direction of Plays

3 hours from:

THEA 3463 Scene Design
THEA 3473 Performance Lighting
THEA 4473 Design of Stage Costumes

3 additional advanced hours

See page 143.

Please refer to page 214 for Course Descriptions.



COLLEGE OF HEALTH SCIENCES AND HUMAN SERVICES

Susan Sportsman, Dean (J. S. Bridwell Hall 104D)

MISSION STATEMENT FOR THE COLLEGE OF HEALTH SCIENCES AND HUMAN SERVICES

The College of Health Sciences and Human Services includes undergraduate study in criminal justice, dental hygiene, kinesiology (including health fitness management, exercise physiology, and athletic training), nursing, radiologic sciences, respiratory care, and social work; with graduate programs in kinesiology, radiologic sciences, health service administration, nursing, and public administration. There are also degree programs designed specifically for working radiographers, registered nurses, and respiratory therapists and a certification course in health service administration. Post-master's nursing students may also take courses pursuant to certification as nurse educators or family nurse practitioners. The mission of the college is to prepare students to successfully function in their chosen professions within the rapidly changing health care and human service environment. All programs are based upon a comprehensive liberal arts and sciences foundation and include both clinical/practicum and didactic learning opportunities in the courses of the major. Graduates of the dental hygiene, nursing, respiratory care, and associate degree radiologic sciences programs are eligible for licensure or certification in their disciplines.

Admission Policies

Applications are accepted from men and women regardless of age or marital status. Applicants will be considered for admission on an individual basis.

1. See the sections on Admission and Registration Information for details. Admission to Midwestern State University does not guarantee acceptance into a health science program.
2. It is recommended that the high school background include courses in chemistry, biology, and algebra (2 units) for health sciences programs.
3. Application forms for admission to nursing, dental hygiene, radiologic sciences and respiratory care programs may be obtained from the respective departments.
4. See individual program for specific admission requirements. In exceptional cases, persons who do not meet the criteria for regular admission may be granted provisional admission by the College Admissions Committee.
5. The semester-by-semester program of individual courses should be followed by entering students. Exceptions may be made by the department chair.

CRIMINAL JUSTICE

Mark R. Davids, Chair (Martin Hall 111)

Assistant Professors: Davids, Moran

Instructor: Paddack

Professor Emeritus: Grant

The Bachelor of Science degree in Criminal Justice (BSCJ) is designed to provide students interested in law enforcement, corrections and the legal system with the essen-

tial skills and knowledge for service in the criminal justice system. The program aims to enhance the student's intellect by analyzing generally known principles and procedures. The program is multi-disciplinary in its approach to the study of crime as the faculty strive to balance theory and practice.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN CRIMINAL JUSTICE DEGREE (36 semester hours)

Academic Foundations and Core Curriculum (see page 101)

Additional Program Requirements

In addition to the Academic Foundations and Core Curriculum, one year in one foreign language or six additional hours of science is required.

Major (36 semester hours)

Thirty-six semester hours including CRJU 1113, 2113, 2213 or 2223, 2233 or 2243, 3213, 4213, one additional 2000 level course, and 15 additional advanced hours to total at least 21 advanced hours.

Minor to be selected in a field acceptable to the chair of the major and minor programs.

REQUIREMENTS FOR A MINOR IN CRIMINAL JUSTICE (24 semester hours)

Twenty-four semester hours including CRJU 1113, 2113, 2213 or 2223, 2233 or 2243, 4213, and 9 additional advanced hours to total at least 12 advanced hours.

Please refer to page 214 for Course Descriptions.

DENTAL HYGIENE

Barbara DeBois, Chair (Gaines Clinic, J.S. Bridwell Hall)

Associate Professor: Davis

Assistant Professors: DeBois, Crump, Curran

The Bachelor of Science in Dental Hygiene (127 semester hours)

The Dental Hygiene Department offers the Bachelor of Science in Dental Hygiene degree (BSDH). The curriculum consists of: (1) the dental hygiene prerequisite courses and the University core curriculum taken during the freshman and sophomore years (63 hours + 2 activity courses) and (2) the dental hygiene courses (62 hours) taken during the junior and senior years, after acceptance into the Dental Hygiene Program. Acceptance into the University does not constitute acceptance for admission into the Dental Hygiene Program. Entrance into the Dental Hygiene Program is competitive and limited to the number of clinical positions available in the M.S.U. Gaines Dental Hygiene Clinic (18). A new class is accepted each April for entry into the program the following fall semester.

The Dental Hygiene Program is accredited by the American Dental Association Commission on Dental Accreditation. Completion of degree requirements enables the graduate to take the National Board Dental Hygiene Examination and the State Board Clinical/Jurisprudence Examinations for licensure. The Texas State Board of Dental Examiners has set guidelines and criteria on the eligibility of persons with criminal convictions, mental illness, chemical dependency, and/or infectious diseases to obtain a license to practice dental hygiene in the state of Texas. (Detailed information is avail-

able from the Texas State Board of Dental Examiners - <http://www.tsbde.state.tx.us> - Texas Occupations Code, Title 3, Chapter 263, Sec. 263.001.) The profession of dental hygiene is classified as a Category I level (high-risk) profession for bloodborne pathogens, per OSHA standards.

ADMISSION POLICIES

To be considered for admission, the following basic requirements must be met by candidates on or before April 1 (for the following fall's entering class):

1. Be eligible for admission to M.S.U.
2. Submit a dental hygiene application and most recent transcripts depicting completed courses, as well as courses in progress, to the Dental Hygiene Department (Dental Hygiene applications can be downloaded from the MSU Dental Hygiene website at <http://hs2.mwsu.edu/dental>.)
3. Present a minimum cumulative GPA of 2.50 and a minimum science GPA of 2.50 for all semester hour credits attempted pertaining to the BSDH prerequisite and core academic courses.
4. Provide documentation of work experience or 80 hours of observation in a dental office. Contact the Dental Hygiene Department for documentation form.
5. Complete the Health Occupations Basic Entrance Test (HOBET).
6. Successfully complete the following courses prior to enrollment in dental hygiene major courses:

Dental Hygiene Prerequisites - (21 semester hours)

BIOL 1134, 1234, 3004

CHEM 1203

KNES 2333 (Nutrition)

MATH - 3 hours college level (other than developmental)

Academic Foundations and Core Curriculum - (42 semester hours + 2 activity courses)

At least 36 hours of the core must be completed prior to entering the dental hygiene program.

ECON 1333 or 2333

ENGL 1113, 1123

Three hours Fine Arts

HIST 1133, 1233

SOCL 1133

Six hours Humanities

Kinesiology - 2 Activities

POLS 1333, 1433

PSYC 1103

SPCH 1133

General Degree Requirements: Demonstrate computer literacy by taking a proficiency test or earning credit for CMPS 1023 or BUAD 2153.

ADMISSION PROCEDURES

Due to the limited availability of clinical positions, the selection process for admission into the dental hygiene program will be based upon, but not limited to:

GPA of prerequisite courses (cumulative GPA and science GPA)

Number of prerequisite and core courses completed with a grade of C or better

Number of prerequisite and core courses in progress at application deadline

Previous dental-related experience

Dental Hygiene Program Application

For additional information on application procedures, admission requirements or applicant ranking computations, visit the department website at: <http://hs2.mwsu.edu/dental>

PROGRESSION POLICY

Dental hygiene courses must be taken in the sequences prescribed. The lack of satisfactory completion of such courses in sequence will result in suspension from the program until the courses can be repeated. Requirements are as follows:

1. A student must attain a grade of 75 (C) or above in each of the dental hygiene major courses:
 MAJOR REQUIREMENTS (62 semester hours) Dental Hygiene 3002, 3003, 3005, 3013, 3022, 3023, 3102, 3113, 3114, 3123, 4003, 4013, 4018, 4022, 4023, 4032, 4038, 4103.
2. Failure to attain a minimum grade of 75 in any course will prevent the student from progressing in the program - until the course(s) can be repeated. Dental hygiene courses are offered only once per academic year; therefore, failure of a course(s) will require a student to sit out for a full year.
3. A student who fails to achieve a grade of 75 in any of the dental hygiene courses may repeat the course only once. Failure to achieve a minimum grade of 75 when repeating a dental hygiene course results in dismissal from the program and the student may not reapply to this Dental Hygiene Program.
4. The BSDH Program Admissions Committee reserves the right to make exceptions to the above due to extenuating circumstances.

ADDITIONAL REQUIREMENTS

Prior to enrollment in Clinical Practice II (DNHY 3005), the student must provide documentation of:

1. Program approved student liability insurance.
2. Completion of physical examination.
3. Health insurance.
4. Compliance with state or program mandated immunizations.

Please refer to page 214 for Course Descriptions.

HEALTH SERVICES ADMINISTRATION

The College of Health Sciences and Human Services offers courses in health services administration.

Please refer to page 214 for Course Descriptions.

JOHN AND NEVILS WILSON SCHOOL OF NURSING

Deborah R. Garrison, Chair (J. S. Bridwell Hall 312)

Professor: Sportsman

Associate Professors: Garrison, Smith

Assistant Professors: Bowles, Coleman, Collins, Davis, Distel, Flanders,
Klutz, Jansen, Johnson, Lockhart, Morgan, Robinson, Stewart

Professors Emeriti: Inman, Mezzo, Tickle

MISSION STATEMENT FOR THE NURSING PROGRAM

It is the mission of the John and Nevils Wilson School of Nursing at Midwestern State University to prepare nurses who will provide competent and compassionate health care to individuals, families, groups, and communities. The nursing faculty values teaching/learning in an individualized, collegial environment inclusive of a variety of teaching methodologies. This approach to both undergraduate and graduate nursing education develops students as leaders through collaborative identification of issues, and the implementation of innovative, creative solutions to the provision of health services.

THE BSN PROGRAMS

The Wilson School of Nursing offers curricula leading to a Bachelor of Science in Nursing (BSN). These curricula include a prelicensure (generic) program for students who do not have a license to practice as a Registered Nurse and a post-licensure RN to BSN program for RNs who have graduated from hospital-based programs or who hold associate degrees in nursing.

These programs include general education courses that provide a foundation for understanding physiological, psychosocial, cultural, political, and economic factors influencing a person's health status. The nursing courses prepare the BSN graduate to provide holistic nursing care in a variety of complex environments that will enhance the optimal health of individuals, families, groups, and communities.

The RN to BSN program is a flexible option designed to meet the needs of the working RN. Nursing classes are offered via distance learning methodologies with periodic visits to campus. Clinical experiences may be conducted in the geographical area in which the RN student resides. The RN to MSN program is available at MSU, and is fully described in the graduate catalog.

The BSN program is fully accredited by the Commission on Collegiate Nursing Education (CCNE) and the Board of Nurse Examiners for the State of Texas (BNE). The program includes a total of 134 hours (66 hours nursing and 68 non-nursing hours) for the prelicensure (generic) student and a total of 124 hours in the RN/BSN program (58 nursing hours, including 30 hours awarded through the Texas Nurses Association (TNA) Articulation Agreement, and 66 non-nursing hours).

Upon completion of the program, the graduates (prelicensure BSN) are eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN).

RECOMMENDATION FOR LICENSURE

University recommendation for application for RN licensure will be made upon satisfactory completion of the nursing curriculum.

INFORMATION REGARDING ELIGIBILITY TO WRITE NCLEX

The BNE has established guidelines and criteria regarding the eligibility of persons with criminal convictions to obtain a license as a registered nurse. The BNE may refuse to admit persons to its licensure examinations, may refuse to issue a license or certificate of registration, or may refuse to issue a temporary permit to any individual who has been convicted of a felony, a misdemeanor involving moral turpitude, or engaged in conduct resulting in the revocation of probation imposed pursuant to such conviction. A Federal Bureau of Investigation (FBI) criminal background check is required by the BNE. Convictions for offenses other than the minor in possession or traffic violations will be investigated. A student contemplating entry into the BSN program who has/had such offenses should submit a Declaratory Order packet for review by the BNE. The information can be found on the BNE website at <http://www.bne.state.tx.us>.

The Board of Nurse Examiners (BNE) for the State of Texas has established guidelines and criteria regarding the eligibility of persons with mental illness and/or chemical dependency to obtain a license as a registered nurse. The BNE may refuse to admit persons to its licensure examinations, may refuse to issue a license or certificate of registration, or may refuse to issue a temporary permit to any individual with lack of fitness to practice by reason of mental illness or intemperate use of alcohol or drugs that could result in injury to patients or the public. A student who is considering entry into the BSN program and who has/had such mental health or chemical dependency issues should submit a Declaratory Order packet for review by the BNE. The information can be found on the BNE website at <http://www.bne.state.tx.us>.

A student who has concerns in either of these areas is encouraged to file a declaratory order with the Board of Nurse Examiners (BNE) for the State of Texas early in their academic career. BNE investigations may take up to a year. Detailed information is available from the Board of Nurse Examiners for the State of Texas or the Chair of the Wilson School of Nursing.

ADMISSION INTO THE NURSING MAJOR (BSN, Prelicensure)

The student must:

1. submit an application to the Wilson School of Nursing BSN Program by April 1 for summer admission or by November 1 for spring admission;
2. submit Nursing Entrance Test (NET) scores with the admission packet;
3. have a cumulative nursing GPA of 2.75 or better on a 4.0 scale based on all semester hours applicable to the BSN degree and a grade of C or better in all science and nursing courses;
4. complete the following courses before enrollment in NURS 3303:

Rhetoric and Composition I & II	General Psychology
College-level math	Introduction to Sociology
Anatomy and Physiology I & II	Microbiology
Chemistry 3 hours	Developmental Psychology
NURS 3103 (may be concurrent with NURS 3303)	
5. provide documentation of the following prior to enrollment in NURS 3306:
 - a. program approved student liability insurance;
 - b. completion of a physical examination;
 - c. health insurance;
 - d. compliance with state-mandated and program immunizations;
 - e. BLS certification (CPR) (adult, infant, child, and health-care provider);
 - f. Criminal Background Search; and
 - g. Nine Panel Urine Drug Screen.

6. Attend the BSN orientation, at which time information regarding the nursing program's requirements will be clarified.

NURSING CLASSES REQUIRED FOR THE BSN DEGREE (GENERIC)

NURS	3103	Introduction to Nursing* (Fall/Spring/Summer)	3
NURS	3203	Pathophysiologic Process* (Fall/Spring/Summer)	3
NURS	3303	Family Health Assessment (Spring/Summer)	3
NURS	3306	Basic Nursing (Fall)	6
NURS	3313	Pharmacology (Summer/Fall)	3
NURS	3323	Community Nursing I (Fall)	3
NURS	3406	Mental Health Nursing (Spring)	6
NURS	3407	Family Health I (Spring)	7
NURS	3503	Nursing Research (Summer)	3
NURS	4004	Nursing of the Childbearing Family (Fall)	4
NURS	4007	Family Health II (Fall)	7
NURS	4014	Pediatric Nursing (Spring)	4
NURS	4104	Community Nursing II (Spring)	4
NURS	4305	Nursing Management (Fall)	5
NURS	4605	Clinical Decision Making (Spring)	5
Major Courses			66

*Courses may be taken prior to admission or concurrently with NURS 3303.

NON-NURSING COURSES/REQUIREMENTS FOR THE BSN DEGREE (Prelicensure)

*Anatomy and Physiology I and II	8
*Microbiology	4
*Rhetoric and Composition I & II	6
*General Psychology	3
*Introduction to Sociology	3
*Developmental Psychology	3
*Chemistry (no lab)	3
*College-level math (not developmental)	3
**Statistics (NURS 4123 recommended)	3
**Humanities (courses in literature, Western Civilization, humanities, philosophy, OR a two-semester sequence of a foreign language)	6
**General or Macro Economics	3
**American Government (two semesters)	6
**Survey of U.S. History (two semesters)	6
**Speech Communication or Voice and Diction	3
**Two different activity courses	3-4
**Fine Arts (music, art, or theatre - no applied music)	3
**Computer Competency (proficiency exam or introductory computer course)	3
English Usage Requirement (Exam or ENGL 2113)	

*required prior to admission

**students should complete most of these requirements prior to admission, as the nursing curriculum in the final two (2) years constitutes full-time study.

ADMISSION INTO THE BSN PROGRAM (RN TO BSN/Post-licensure)

The student must:

1. complete an application for admission to the BSN Program;

2. hold licensure as a Registered Nurse (Texas or designated State);
3. have official transcripts from all colleges/universities and/or diploma school of nursing sent to MSU Admissions;
4. meet TNA Articulation Agreement requirements;
5. complete the following courses prior to NURS 3203/3303:
 - Anatomy & Physiology I & II
 - Microbiology
 - Chemistry 3 hours
6. provide documentation of the following prior to enrollment in clinical courses:
 - a. professional liability insurance;
 - b. completion of physical examination;
 - c. health insurance;
 - d. compliance with State or program mandated immunizations;
 - e. current licensure (GNs may enroll in one semester of nursing courses with the stipulation that they must pass the NCLEX-RN prior to completion of the course. If they do not pass NCLEX, no further progression in the RN to BSN program will be permitted until successful completion of NCLEX is accomplished.);
 - f. BLS (CPR) certification (adult, infant, child, and health-care provider);
 - g. Criminal background check; and
 - h. Nine panel urine drug screen.

NURSING COURSES REQUIRED FOR THE RN TO BSN DEGREE

NURS 3203	Pathophysiologic Processes (Fall/Spring/Summer)	3
NURS 3303	Family Health Assessment (Summer)	3
NURS 3503	Nursing Research (Summer)	3
NURS 3705	Advanced Nursing Seminar (Fall)	5
NURS 4107	Community Nursing (Fall)	7
NURS 4317	Nursing Management for the Registered Nurse (Spring)	7
TNA Articulation Agreement		<u>30</u>
Major Hours including Articulation Agreement Hours		58

NON-NURSING/ REQUIREMENTS FOR THE RN TO BSN DEGREE

Basic Core (27 semester hours)

- English 1113, 1123
- History 1133, 1233
- Mathematics 1053, or 1203, or 1233
- Political Science 1333, 1433
- Speech Communication - 3 hours
- Demonstrate computer literacy by taking a proficiency test or earning credit for CMPS 1023, 1043, BUAD 2153, OR EDUC 1023 - 3 hours

Academic Course Work (39 semester hours)

- BIOL 1134, 1234, 3004
- Chemistry - 3 hours (no lab)
- ECON 1333 or 2333
- PSYC 1103, 3233
- SOCL 1133
- Statistics (recommend NURS 4123)
- Fine Arts/Humanities (courses in literature, Western Civilization, humanities, philosophy, OR a two-semester sequence of a foreign language.) - 6 hours
- Elective 3000- or 4000-level - 3 hours

Additional Requirement

English Usage Requirement (Pass exam or take and pass ENGL 2113)

**ADDITIONAL INFORMATION FOR RN/BSN PROGRAM (See page 110
Special Academic Programs)****TIME LIMITATIONS**

BSN generic students must complete all clinical nursing courses within a 4.5 year period of time (9 long semesters) beginning with initial enrollment in NURS 3303.

RN/BSN students must complete all nursing courses within a four-year period of time beginning with the first nursing course (excluding NURS 3203 Pathophysiology).

TRANSFER POLICY

1. Transfer students must meet the admission requirements of the University and the BSN Program.
2. Students must submit an application to the Wilson School of Nursing by April 1 for summer admission and by November 1 for spring admission.
3. Progression requirements for these students are identical to those of the MSU BSN Program nursing students.
4. In addition, transfer students who wish to transfer nursing courses from another nursing program must meet the following requirements:
 - a. Nursing courses to be transferred were completed at a nationally accredited nursing program.
 - b. A grade of C or better was earned in all nursing courses and all science courses required by the MSU BSN Program.
 - c. A written statement from the Dean or Chair of the previous department to accompany the application form. The student must be in good academic standing and eligible for readmission to the program from which they are transferring.
 - d. Nursing courses the student would like to transfer into the MSU Nursing program must be submitted in a well-organized notebook to the Chair of the Wilson School of Nursing. A copy of the letter of good standing shall accompany the notebook, as well as a copy of the admission application. The faculty of record for selected courses will review the packet for equivalency to MSU nursing courses.
 - e. All potential transfer students are reviewed by the Student Affairs Committee, which will make recommendations regarding admission and placement.
5. Transfer credit will be evaluated according to University policy.
6. Students planning to take general education courses at another college before transferring to the MSU BSN Program should seek guidance from the MSU Health Sciences and Human Services Counselor before enrolling in the courses to assure equivalency with MSU requirements.
7. MSU students who are progressing satisfactorily will be given priority for all classes. Transfer students will be considered on an "as available" basis.
8. Transfer students must earn 31 semester credit hours in 3000/4000 level courses at MSU.

PROGRESSION POLICY FOR BSN GENERIC AND RN/BSN PROGRAMS

Students must maintain satisfactory standards in classroom and clinical activities to be retained and to progress in the program. Requirements are as follows:

1. A minimum grade of C is required in the following science courses: BIOL 1134 (A & P I); BIOL 1234 (A & P II); NURS 3203 (Pathophysiology); BIOL 3004 (Microbiology); and chemistry. A grade lower than C precludes admission/progression.
2. A minimum grade of C is required in all nursing courses. Failure to attain a minimum grade of C in these courses will prevent the student from progressing in the program. A student who fails to achieve a minimum grade of C in any of the required nursing courses may repeat the course only once.
3. A student who is in the process of appealing a course grade through the Academic Appeals Committee may not enroll in any subsequent nursing courses for which the course under appeal is a prerequisite. If the student has early registered, then he/she will be administratively withdrawn from those courses.
4. If any student withdraws from nursing courses and/or the University, he/she must petition the BSN Program's Student Affairs Committee in writing as to their intent prior to re-enrollment.
5. A student who is on University scholastic probation will not be admitted to the program.
6. Failure in any two (2) nursing courses (either the same course twice or two different courses) renders the student ineligible for progression in this nursing program and will result in the dismissal of the student from the program.
7. The BSN Program's Student Affairs Committee reserves the right to make exceptions to the progression policies due to compelling circumstances. The Student Affairs Committee will consider petitions from students at its regular meetings.

READMISSION/REENTRY POLICY

1. A student seeking readmission must submit a new application by April 1 for summer re-admission, November 1 for spring re-admission, and May 1 for fall re-admission and will be evaluated on the basis of current criteria for admission and progression on a first qualified, first admitted basis.
2. A student who withdraws or has an interruption in his/her enrollment in nursing for any reason must petition the BSN Program's Student Affairs Committee in writing prior to re-enrollment. Individual interview with the committee may be required.
3. A student who receives a D or F in a nursing course (other than NURS 3203) must seek reentry to the nursing program by petitioning the BSN Program's Student Affairs Committee in writing for consideration.
4. If the student receives a second D or F in the same or any two nursing course(s) (other than NURS 3203), the student will be ineligible for reenrollment or re-entry in this nursing program.
5. A transfer student with a prior nursing course failure from another nursing program who fails a course with similar content in MSU's BSN Program is ineligible for readmission.
6. A student who has not been enrolled in MSU's BSN Program for three or more years will be required to attain a satisfactory score on a comprehensive exam for each nursing course previously completed and demonstrate clinical competency in selected nursing procedures before readmission will be granted. In addition, the time-limit of 9 long semesters applies.
7. The BSN Program's Student Affairs Committee reserves the right to make exceptions to the progression policies due to compelling circumstances. The Student Affairs Committee will consider petitions from students at its regular meetings.

Please refer to page 214 for Course Descriptions.

KINESIOLOGY

G. Gregory Haff, Chair (D.L. Ligon Hall 215)

Associate Professor: Kilgore

Assistant Professors: Haff, Wood

Instructors: Burks, Diehm, Cross, Elder,
Fancher, Fowler, Griffin, Joseph, Maskill, McIlhane,
Lancaster, Peetz, Post, Tigert, Wiggins

Professors Emeriti: Dudley, Gillespie, Henderson, Stockton

The department of kinesiology offers degree programs which prepare students for a variety of jobs in education, sport-related, and allied health fields. B.A. and B.S. degrees are available for students pursuing teacher certification or for those desiring a general degree in kinesiology. Teaching certificates may be obtained in all-level kinesiology. A B.S. with a major in Health Fitness Management is offered to students wishing to pursue careers in corporate fitness or sports administration. An Athletic Training major is offered for the individual desiring a career in sports medicine. An Exercise Physiology major is offered for the individual desiring a career in this allied health field.

BACHELOR OF SCIENCE AND BACHELOR OF ARTS WITH A MAJOR IN KINESIOLOGY

The requirements for the Bachelor of Arts and Bachelor of Science degrees with a major in kinesiology are as follows:

Academic Foundations and Core Curriculum - 48 semester hours (See page 101)

Bachelor of Arts (See page 102)

Bachelor of Science (See page 103)

Program Requirements

Major (32-50 semester hours)

Kinesiology Core (23 hours)

KNES 1011, 1053, 2213, 3603, 3653, 4103 or 4643, 4703, and two different "majors only" activity courses (KNES 1502) beyond the university core requirement. Students should take BIOL 1134 and 1234, and MATH 1233 instead of the other options listed under the Academic Foundations.

Professional Emphasis (9-27 semester hours)

- Non-certification: Kinesiology Core (23 hours) and the following: KNES 4513, 15 hours KNES electives, nine of which must be advanced. Additional electives to meet the 124 hour requirement for graduation, if necessary.
- Teacher certification: Kinesiology Core (23 hours) and the following: KNES 4663, 4693 and 3 hours of one of the following: KNES 3363, 4033, 4513, or 4853. (See certification requirements, page 146)

Minor (25 semester hours)

KNES 1011, 1053, 3603, 3653, 4103, any two of the following, one of which must be advanced: 2353, 2403, 2413, 3363, 4033, 4643, and four activity courses (three of which must be for "majors only" - KNES 1502).

HEALTH FITNESS MANAGEMENT MAJOR

The requirements for the Bachelor of Science degree with a major in Health Fitness Management are as follows:

Academic Foundations and Core Curriculum - 54-55 semester hours (See page 101)

Bachelor of Science (See page 103)

Major (44-48 semester hours)

Kinesiology Core (23 hours) and the following: KNES 2333, 2353, 4033, 4333, 4523, 4813, 4991 or 4993, and 4671 or 4673.

Minor - Health Fitness Management students must select a minor in either biology or business administration as follows:

BIOLOGY (22 semester hours) BIOL 1134, 1234, 3234, 3144, 3333, 3 hours advanced electives. Additional requirements: CHEM 1141, 1143, 1241, and 1243.

BUSINESS ADMINISTRATION (21 semester hours)* ACCT 2143, 2243, ECON 2433, FINC 3733, BUAD 3213, MGMT 3013, and MKTG 3723.

*NOTE: Students minoring in Business Administration should take ECON 2333 instead of the other options listed under the Academic Foundations. Students who have credit for a statistics course may take BUAD 3233 instead of BUAD 3213.

EXERCISE PHYSIOLOGY MAJOR

The requirements for the Bachelor of Science degree with a major in Exercise Physiology are as follows:

Academic Foundations and Core Curriculum - 54-55 semester hours (See page 101)

Bachelor of Science (See page 103)

Major (44 semester hours)

Kinesiology Core (23 hours) and the following: KNES 2333, 4033, 4103 or 4643, 4813, 4676. ENGL 3203 is also required.

Minor - Exercise Physiology students must select a minor in either biology or business computer information systems as follows:

BIOLOGY (21 semester hours) BIOL 1144, 1544, 3004, 3203, 3333, 4443

BUSINESS COMPUTER INFORMATION SYSTEMS (18 semester hours) BUAD 3113, BCIS 4123, one approved programming language (C, C++, COBOL, Visual Basic, or Java), and three advanced BCIS courses approved by BCIS Department Chair. Students selecting this minor will need one additional 3 hour elective from any program.

ATHLETIC TRAINING MAJOR

The Athletic Training Educational Program at Midwestern State University is currently seeking accreditation status by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) through the Joint Review Committee of Athletic Training (JRC-AT). This process is expected to be completed by the Spring of 2005. Accreditation is not guaranteed until granted by CAAHEP.

The requirements for the Bachelor of Science degree with a major in Athletic Training are as follows:

Academic Foundations and Core Curriculum - 54-55 semester hours (See page 101)

Bachelor of Science (See page 103)

Major (67 semester hours)

ATRN 1063, 1203, 2801, 2803, 2901, 2903, 3313, 3801, 3803, 3901, 3913, 4423, 4801, 4901, and 4903

BIOL 3004

KNES 2213, 2333, 3363, 3603, 3653, 4003, 4103, 4643, 4703

NURS 3203

Minor - no minor required.

Upon completion of this degree the student will be eligible to apply for the Texas Athletic Training Licensure Exam administered by the Texas Department of Health.

Students completing the athletic training curriculum will not be allowed to sit for the certification exam given by the National Athletic Trainer Association Board of Certification (NATABOC) until MSU is granted CAAHEP accreditation through the JRC-AT. Accreditation is not guaranteed until granted by CAAHEP. Incoming students should seek advisement from the Athletic Training Educational Program (ATEP) faculty prior to admission into the program for a list of alternative options should MSU not be granted accreditation.

ADMISSION REQUIREMENTS

Students interested in Athletic Training should seek advisement from the ATEP faculty. The athletic training pre-professional program is open to any beginning freshman or transfer student who has been admitted to MSU. The pre-professional curriculum consists of a minimum of 30 hours including the following courses: ATRN 1203, 1063, KNES 2213, 2333, plus 18 additional hours of core requirements. It is highly suggested that BIOL 1134 and 1234 are taken at this time. A minimum of 50 hours of clinical observation is required for satisfactory completion of each ATRN 1203 and 1063 for a minimum total of 100 observation hours. Selection for admission into the ATEP is made at the end of each semester. Selection into the ATEP is competitive and completion of the minimum requirements does not guarantee admission into the professional program. To be considered for admission into the ATEP, the applicant must:

1. Maintain a minimum cumulative 2.5 GPA.
2. Have completed a minimum of 30 hours of course work including a "C" or better in the following courses by the end of the semester of application. All of the following courses must be included in the above mentioned course work required: ATRN 1203, 1063, KNES 2213, 2333.
3. Have documented the minimum number of hours in observation of MSU Approved Clinical Instructors (as required by ATRN 1203 and 1063) as follows:

- a. Incoming freshman applications - 100 hours minimum.
- b. Transfer applicants - may be eligible for early admission into the ATEP after completion of ATRN 1063. If early admission is granted, the transfer student would be allowed to replace the 50 observational hours required by the course with 50 clock hours assigned to one of the MSU's approved clinical instructors.
4. Submit to the Vinson Health Center a technical standard worksheet and completed shot records.
5. Submit the following to the ATEP director: ATEP application, 3 completed recommendation forms, documentation of completed technical standards, proof of CPR and first aid certification, and official transcripts from all high schools and post secondary academic work.

Due to the competitiveness of the program, not all applicants meeting the criteria will be selected for admission into the ATEP. Selection into the ATEP will be based on the following criteria:

1. Cumulative GPA	25 percent
2. Prerequisite GPA	25 percent
3. Observation Evaluation	25 percent
4. Faculty Recommendations	25 percent

RETENTION

Once admitted into the ATEP, students must maintain a cumulative GPA of at least 2.5 and must receive no grade lower than a "C" in all major and associated courses. Students who do not meet these requirements will be placed on probation with the ATEP program for a semester. If after one semester they have not achieved a cumulative GPA of at least 2.5 and/or have not replaced grades below a "C" with a "C" or better, they may be dismissed from the program or allowed to continue for a maximum of one additional probationary semester. The latter condition will be granted only with permission from the ATEP Director and the Chair of the Department of Kinesiology.

TECHNICAL STANDARDS FOR ADMISSION

The Athletic Training Educational Program at Midwestern State University is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forth by the Athletic Training Educational Program establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet the expectations of the program's accrediting agency (Commission on Accreditation of Allied Health Education Programs [CAAHEP]). The following abilities and expectations must be met by all students admitted to the Athletic Training Educational Program. In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted into the program.

Compliance with the program's technical standards does not guarantee a student's eligibility for the NATABOC certification exam.

Candidates for selection to the Athletic Training Educational Program must demonstrate:

1. the mental capacity to assimilate, analyze, synthesize, integrate concepts and problem solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm;

2. sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely and efficiently use equipment and materials during the assessment and treatment of patients;
3. the ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice;
4. the ability to record the physical examination results and a treatment plan clearly and accurately;
5. the capacity to maintain composure and continue to function well during periods of high stress;
6. the perseverance, diligence and commitment to complete the athletic training education program as outlined and sequenced;
7. flexibility and the ability to adjust to changing situations and uncertainty in clinical situations; and
8. affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Candidates for selection to the athletic training educational program will be required to verify they understand and meet these technical standards or that they believe that, with certain accommodations, they can meet the standards.

The Office of Disability Services will evaluate a student who states he/she could meet the program's technical standards with accommodation and confirm that the stated condition qualifies as a disability under applicable laws.

If a student states he/she can meet the technical standards with accommodation, then the University will determine whether it agrees that the student can meet the technical standards with reasonable accommodation; this includes a review as to whether the accommodations requested are reasonable, taking into account whether accommodation would jeopardize clinician/patient safety, or the educational process of the student or the institution, including all course work, clinical experiences and internships deemed essential to graduation.

PROFESSIONAL DEVELOPMENT REQUIREMENTS

It is the philosophy of the faculty in kinesiology that opportunities for growth occur both in and out of the classroom. We strongly encourage the personal and professional growth of each student through involvement in diverse activities. Our mission is to provide a well-rounded education using a variety of methods and sources. To this end, each kinesiology major is expected to earn 10 professional development points during their tenure at Midwestern State University. Points may be earned through a variety of professionally oriented activities. These points must be earned prior to internship/student teaching. Points are available in areas such as; professional memberships or leadership, obtaining professional endorsements or certifications, community volunteer work, extracurricular educational activities, and sport and physical activity involvement.

Please refer to page 214 for Course Descriptions.

RADIOLOGIC SCIENCES

Nadia Bugg, Chair (J. S. Bridwell Hall 201F)

Professor: Bugg

Associate Professors: Morrison, Phifer, Vealé, Wright

Assistant Professors: Comello, Killion, Johnston, Watts

Professors Emeriti: Domi, Zembrod

Midwestern State University offers four separate programs in the Radiologic Sciences: An entry-level Associate of Applied Science in Radiologic Sciences; a post-certification Bachelor of Science in Radiologic Sciences; a Radiologist Assistant Certificate program; and, the only discipline specific Master of Science in Radiologic Sciences with majors in Radiologic Education and Radiologic Administration.

ASSOCIATE OF APPLIED SCIENCE IN RADIOLOGIC SCIENCES

(72 semester hours)

The Radiologic Sciences entry-level AAS Program is designed to prepare students in 2 years for careers as radiographers. At the successful completion of all program requirements, students may be eligible to take the national certification examination administered by the American Registry of Radiologic Technologists (ARRT). Additionally, graduates may be eligible for certification by the state of Texas as a Medical Radiologic Technologist.

The Joint Review Committee on Education in Radiologic Technology (JRCERT) currently accredits the AAS Program.

ADMISSION CRITERIA FOR THE AAS PROGRAM

1. Be eligible for admission to Midwestern State University.
2. Submit a program application to the Radiologic Sciences Department office.
3. Have a cumulative GPA of 2.0 or greater on all college-level work and be in good academic standing.
4. Complete BIOL1134 and BIOL1234 with grades of C or better.
5. Complete all remediation requirements.

ADMISSION PROCEDURES FOR THE AAS PROGRAM

The professional phase of the AAS program begins in the fall semester. Applications will be accepted any time after January 1 for entrance into the program the following fall semester. Due to the limited availability of clinical sites, qualified applicants will be accepted only until the class is full.

For additional information on application procedures and admission requirements, visit the department website at: <http://hs2.mwsu.edu/radsci>

PROGRESSION POLICY FOR THE AAS PROGRAM

1. All professional (RADS) courses must be taken in the sequence prescribed.
2. A student must earn a C (2.0) or above in all professional courses.
3. Failure to attain a minimum grade of C in any professional course will prevent the student from progressing in the program until the course(s) can be repeated.
4. Prior to enrollment in RADS 2114 Clinical Education I, the student must provide documentation of:

- a. Program approved student liability insurance
- b. Compliance with state mandated immunizations
- c. Completion of physical examination
- d. Health insurance
- e. CPR certification

CURRICULUM REQUIREMENTS FOR AAS PROGRAM

General Academic Courses (26 semester hours): BIOL 1134, 1234, ENGL 1113, 1123, College level math, Fine Arts/Humanities elective, PSYC 1103 or SOCL 1133, and CMPS 1023 or EDUC 1023 or BUAD 2153.

Major (46 semester hours): RADS 1012, 1223, 1312, 1413, 1423, 1513, 2112, 2114, 2123, 2215, 2224, 2232, 2315, 2332, 2711, and 2912.

BACHELOR OF SCIENCE IN RADIOLOGIC SCIENCES (130 semester hours)

The Bachelor of Science in Radiologic Sciences degree is a post-certification program designed to meet the unique needs of registered radiologic technologists currently working in the field. The program offers a variety of tracks designed to prepare students for advanced level examinations in specific modalities.

All BSRS courses are offered online as downloadable files or full Internet courses.

ADMISSION CRITERIA FOR THE BSRS PROGRAM

1. Meet all MSU admission requirements.
2. Have a cumulative GPA of 2.0 or higher.
3. Be certified by the ARRT, NMTCB, or be a second year student in an accredited Radiologic Sciences Program.
4. Document compliance with state mandated immunizations.
5. Have reliable Internet access and a working email address.
6. Meet Texas Success Initiative (TSI) requirements (see page 80), or submit a signed copy of the TSI Temporary Waiver Form for Distance Education Students found at <http://registrar.mwsu.edu/successdist.asp>.

ADMISSION PROCEDURES FOR THE BSRS PROGRAM

1. Submit all required admission materials to MSU Admissions.
2. Contact the Radiologic Sciences office for the name of your adviser.
3. Submit a working email address to your Radiologic Sciences adviser.
4. Request your PIN number from your adviser.
5. Complete the online BSRS Program Orientation.

ADVANCED PLACEMENT PROCEDURES

Technologists registered by the ARRT may receive 46 semester hours of credit for RADS 1012, 1223, 1312, 1413, 1423, 1513, 2112, 2114, 2123, 2215, 2224, 2232, 2315, 2332, 2711, and 2912 upon satisfactory completion of an advanced placement examination or graduation from an accredited Radiologic Sciences Program in Texas that has an articulation agreement with MSU.

Additional advanced standing credit is awarded to technologists certified in advanced registries. This credit is awarded as follows:

- ARRT (T) – RADS 3313
- ARRT (N) or NMTCB – RADS 3803

ARRT (M) – RADS 4753
 ARRT (QM) – RADS 4623
 ARRT (CV) – RADS 3413
 ARRT (CT) – RADS 4783
 ARRT (MR) – RADS 4743
 ARRT (S) or ARDMS – RADS 4713

For additional information on application procedures, admission requirements or advanced placement procedures, visit the department website at: <http://hs2.mwsu.edu/radsci>

CURRICULUM REQUIREMENTS FOR THE BSRS PROGRAM

Academic Foundations and Core Curriculum for the BSRS degree (27 semester hours)

POLS 1333, 1433
 ENGL 1113, 1123
 HIST 1133, 1233
 SPCH 1133 or 1233
 College Level Math
 CMPS 1023 or EDUC 1023 or BUAD 2153

Additional Basic Core for BSRS (6 semester hours)

Statistics
 Elective – 3 hours

Additional 18 hours

Select from at least four of the following areas: social sciences, natural sciences, fine arts, speech communication, humanities, economics, and kinesiology. Three hours must be from the fine arts or humanities areas.

Major (79 semester hours)

RADS 1012, 1223, 1312, 1413, 1423, 1513, 2112, 2114, 2123, 2215, 2224, 2232, 2315, 2332, 2711, 2912, 3203, 3213, 3503, 3773, 4633, 4643, 4913, plus at least 12 semester hours from the following: 3023, 3313, 3413, 3803, 4433, 4513, 4523, 4623, 4713, 4723, 4733, 4743, 4753, 4763, 4773, 4783, 4813, 4823, 4833, 4903, and 4923.

Core Courses - Students take ALL of these BSRS Core Courses:

RADS 3203, 3213, 3503, 3773, 4633, 4643, 4913

PLUS courses in ONE of these tracts:

Radiologic Sciences Administration

RADS 4433, 4513, 4523, 4623

Quality Management

RADS 4433, 4513, 4623, 4763

Radiologic Sciences Education

RADS 4513, 4813, 4823, 4833

Mammography

RADS 4433, 4753, 4763, and one RADS elective course

Computed Tomography

RADS 4433, 4723, 4733, 4783

Magnetic Resonance Imaging

RADS 4433, 4733, 4743, 4773

Or students may take the seven (7) Core Courses plus any combination of four (4) RADS Courses.

Radiologist Assistant Certificate Program

The radiologist assistant certificate program has selective admission and is designed to provide an advanced clinical role for experienced radiologic technologists. A valuable feature of this curriculum model is its accommodation of students who already have baccalaureate degrees in radiologic sciences and those who will earn baccalaureate degrees while completing the requirements for the RA certificate program.

Admission Criteria for the RA Certificate Program

1. Meet all MSU admission requirements.
2. Have a cumulative GPA of 2.5 or higher.
3. Be certified and in good standing with ARRT.
4. Have completed all general education courses for the MSU BSRS degree.
5. Document a minimum of five (5) years clinical experience within the past ten (10) years.
6. Be a current ACLS provider.
7. Document compliance with Texas state mandated immunizations.
8. Document formal written agreement with Radiologist Preceptor.
9. Have reliable Internet access and a working email address.
10. Have completed RA Certificate Program Application.

Admission Procedures for the RA Certificate Program

Students must apply for admission to Midwestern State University and to the RA Certificate Program.

1. Submit all required university admission material to MSU Admissions.
2. Submit official copies of all transcripts to MSU Admissions.
3. Submit all required program admission materials to the Radiologic Sciences Department.
4. Submit student copies of all transcripts to the Radiologic Science Department.

Progression Policy for the RA Certificate Program

Satisfactory progression is defined as a 2.5 or better cumulative grade point average (CGPA) and no grade less than a "C" in any course included in the student's degree plan.

Curriculum Requirements for the RA Certificate Program

The RA curriculum consists of nineteen courses (72 semester credit hours). In addition to the preadmission general education courses required for an MSU Bachelor of Science in Radiologic Sciences degree (51 semester credit hours), students without a previous baccalaureate degree take all of the courses listed below. Students with a Bachelor of Science in Radiologic Science degree prior to admission may have prior credits for some of the courses listed below:

Fall	Spring	Summer	Fall	Spring
RADS 3213	RADS 4633		RADS 3503	RADS 4913
RADS 3233	RADS 3203	RADS 3773	RADS 4643	RADS 4733
RADS 3253	RADS 3553	RADS 4053	RADS 4253	RADS 4553
RADS 3276	RADS 3576	RADS 4076	RADS 4276	RADS 4576

Please refer to page 214 for Course Descriptions.

RESPIRATORY CARE

Annette O. Medford, Chair (J.S. Bridwell Hall 301C)

Ken Lizzi, Clinical Chair (J.S. Bridwell Hall 301B)

Assistant Professors: Lizzi, Medford

The Respiratory Care Department offers a curricula leading to a Bachelor of Science in Respiratory Care degree. Following completion of the BSRC program, the graduates are eligible to sit for the credentialing examination for the Registered Respiratory Therapist (RRT). Registered Respiratory Therapists (RRT) may be admitted to the program through advanced standing as defined in the policy set up by the department. The Committee on Accreditation for Respiratory Care accredits the BSRC program. The program consists of 125 semester hours + 2 physical activities (68 semester hours in respiratory care and 57 non-respiratory care semester hours).

ADMISSION INTO THE RESPIRATORY CARE MAJOR (BSRC)

Admission in this policy refers to a formal evaluation of program prerequisites and other course work so that those students who gain formal admission can advance to the junior and senior level respiratory care courses. This policy should not be confused with freshman and sophomore students who are respiratory care majors. Being a respiratory care major does not imply or guarantee program admission. Three admission categories exist: full, conditional, and denied. Full program admission is granted to applicants who have completed all program prerequisites, required academic foundation courses and are in good academic standing. Conditional program admission is granted to applicants who have not completed but are presently enrolled in course work that will complete the prerequisites and required academic foundation courses. Once a conditionally admitted student successfully completes the required course work the admission status is automatically upgraded to full admission. If a student was conditionally admitted but does not successfully complete the prerequisites, their conditional status is denied. Ranking is determined by GPA on the completed program prerequisites at the time of program application. Due to limited availability of clinical sites, qualified applicants will be accepted only until the class is full. The following rules apply to admission to the Respiratory Care Program:

1. Be admitted to the university.
2. Apply to the Respiratory Care Program; Applications can be obtained from the Respiratory Care Office, room 301 of Bridwell Hall and are due March 1.
3. All program prerequisites must be completed before taking any respiratory care classes. The program prerequisites are: Anatomy and Physiology I and II, Chemistry, College Algebra, Microbiology, Rhetoric and Composition I and II, computer applications, speech communication, general psychology or sociology. A minimum grade of C is required for all program prerequisites.
4. The required academic foundation courses are humanities (6 hours), economics, American Government (6 hours), U.S. History to 1865, U.S. History Since 1865, fine arts and two kinesiology activity courses (see specific descriptions).

5. Notification of admission is made in writing and requires an acceptance form returned to the Respiratory Care Department. Return of a signed acceptance form signifies that the student agrees to all technical standards outlined in the admission packet.
6. Students will complete all BSRC degree requirements 22 months from beginning respiratory care course work. With the degree requirements completed in May the students are in the best position to be successful when they sit for the registry examination following graduation.

TIME LIMITATIONS

BSRC degree students must complete all respiratory courses within a three (3) year period of time beginning with the initial enrollment into Foundations of Patient Care.

PROGRESSION POLICY FOR BSRC DEGREE

Students must maintain satisfactory standards in classroom and clinical activities to be retained and to progress in the program. Requirements are as follows:

1. A minimum grade of C is required for all the following courses:

BIOL 1134, 1234, 3004	CHEM 1103
PSYC 1103 or SOCL 1133	MATH 1233
ENGL 1113, 1123	CMPS 1023
SPCH 1133 or 1233	

Failure to attain a minimum grade of C in each of these courses will prevent the student from being formally admitted to Respiratory Care. All of the above courses must be completed before starting the respiratory care curriculum.
2. A minimum grade of C is required in all respiratory courses. Failure to attain a minimum grade of C in these courses will prevent the student from progressing in the program. A student who fails to achieve a grade of C in any respiratory care course may repeat the course one time.
3. If the student withdraws from respiratory care courses and/or the University, he/she must go through the respiratory care admission process again.
4. A student on university scholastic probation may not enter or progress in the program.
5. Failure to achieve a minimum grade of C when repeating a respiratory care course will result in dismissal from the program and the student may not reapply to this respiratory care program.
6. As part of Clinical Practicum III, all students must pass a mock national certification examination. Students not passing the mock certification examination are required to pass a certification review course in summer II before the start of the senior year. Passing either the mock certification or the review course is required to enroll in the fall and spring senior respiratory courses.
7. The BSRC Program's Admission Committee reserves the right to make exceptions to the above due to extenuating circumstances.
8. Respiratory care courses must be taken in the sequence prescribed.

ACADEMIC FOUNDATIONS AND CORE CURRICULUM FOR THE BSRC DEGREE:

BIOL 1134, 1234, 3004	HUMANITIES - 6 semester hours
CHEM 1103	SPCH 1133 or 1233
PSYC 1103 or SOCL 1133	ECON 1333
KNES - 2 physical activities	HIST 1133, 1233
MATH 1233	POLS 1333, 1433
ENGL 1113, 1123	FINE ARTS - 3 semester hours

GENERAL DEGREE REQUIREMENTS: Demonstrate computer literacy by taking a proficiency test or earning credit for CMPS 1023, 1043, BUAD 2153, or EDUC 1023.

MAJOR (68 semester hours)

RESP 3403, 3413, 3423, 3433, 3443, 3512, 3523, 3543, 3552, 3553, 3561, 3563, 3712, 3722, 4102, 4123, 4223, 4403, 4422, 4423, 4432, 4433, 4443, 4453, 4711, 4722, 4732.

Registered Respiratory Therapist-to-BSRC Program

This program refers to transfer of previously obtained training in Respiratory Care into the MSU Respiratory Care program. This policy specifically applies to individuals who possess the RRT credential and wish to pursue the BSRC degree at MSU. To document the RRT credential, the student must submit a notarized copy of their NBRC registry certificate to the Respiratory Care Department Chair. In addition, the student will submit an official transcript to the university that documents the completion of the Registry level program. The department will grant the holder of the RRT credential 43 semester hours toward the 68 required Respiratory Care semester hours. This block transfer of credit will be granted once the student has successfully completed 9 semester hours of MSU Respiratory Care course work.

- A minimum of 30 hours must be advanced level.
- A minimum of 32 hours must be taken from MSU to satisfy the residency requirement.
- Meet the University English Usage Requirement.

The RRT-BSRC student may choose any combination of the following courses:

RESP 3423	RESP 3433	RESP 3523	RESP 3553
RESP 3562	RESP 4102	RESP 4123	RESP 4223
RESP 4403	RESP 4422	RESP 4432	RESP 4433
RESP 4443	RESP 4453	RESP 4652	RESP 4663

Please refer to page 214 for Course Descriptions.

SOCIAL WORK

Jan Walker, Chair (Martin Hall 104)

Professor: Fashimpar

Assistant Professors: Bisbee, Walker

A Bachelor of Social Work degree (BSW) prepares a student for entry level practice as a generalist practitioner. The Social Work Program at MSU offers (1) a broad liberal arts foundation; (2) grounding in knowledge from the behavioral and social sciences concerning the characteristics and behavior of individuals, families, groups, organizations, and communities; (3) the opportunity to integrate and apply the components of social work education in a rigorous field practicum; and (4) content and experiences relative to values and ethics as applied to special populations and self. The educational focus for generalist practice utilizes an ecological approach to integrate both treatment and growth through conceptualizing transactions between people and their physical and psychosocial systems in the environment. The program supports individual and social change predicated on a humanitarian and social justice philosophy.

The Social Work Program is accredited by the Council on Social Work Education at the baccalaureate level. There is no minor offered with the BSW degree and no social

work credit is awarded for life experience. Graduates from the program are prepared for graduate study in social work or other disciplines where the baccalaureate degree would be appropriate preparation. BSW graduates are eligible to take the Texas State Board of Social Work Examiners test for Licensed Social Worker (LBSW). Upon completing a 4000 hour counselor internship, BSW graduates are eligible to take the Licensed Chemical Dependency Counselor (LCDC) exam. The 400 hours of internship which all social work majors must complete can be applied toward the 4000 hour internship if the social work internship was in a chemical dependency treatment setting. Nine hours of specialized chemical dependency courses chosen from among SOWK 4413, 4323, 4333, 4343, or 4363 are the equivalent of the 135 classroom hours required for licensure by Texas Commission on Alcohol and Drug Abuse (TCADA).

Admission to the Social Work Program:

Students must have completed twenty-four (24) semester hours before applying for admission to the Social Work Program. This total includes the following courses: ENGL 1113 and 1123; PSYC 1103; SOCL 1133; HIST 1133 and 1233; and POLS 1333 and 1433.

Students desiring to major in social work should complete the Social Work Application for Admission form during the semester they take Introduction to Social Work. Other students (transfers, etc.) should complete this form immediately upon admission to the University. The Social Work Admissions Committee reviews the application and notifies the student by letter as to his/her acceptance or non-acceptance to the program. A personal interview with a social work faculty member to discuss educational needs and expectations of the Social Work Program should be scheduled as soon as possible after completion of the form. In addition to general undergraduate requirements, students must maintain at least a 2.0 GPA and demonstrate suitability for professional social work practice with knowledge and adherence to the NASW Code of Ethics.

Academic Foundations and Core Curriculum (56 hours) (see page 101)

Major (44 hours)

SOWK 2423, 2544, 2554, 3313, 3533, 3643, 3833, 3943, 3953, 4213, 4236, and 4246.

For all social work majors, additional program requirements, as listed below, must be completed.

- A. Specific requirements in Academic Foundations Core.
 - SOCL 1133. Can be used to satisfy part of social environment requirement in Academic Foundations Core.
 - ECON 2333. Satisfies the Academic Foundations Core requirement in economics.
 - Two semesters in one foreign language (Spanish preferred) - satisfies the humanities part of Academic Foundations Core.
- B. Additional required support courses. (21 hours)
 - PSYC 1103, 3603 or SOWK 4313, and ENGL 3203 or ENGL 3523
 - Four (4) courses chosen from the following, of which at least three (3) should be from Social Work:
 - SOWK 3453, 4223, 4233, 4323, 4333, 4343, 4363, 4413, 4423
 - SOWK 4313 if not taken in place of PSYC 3603
 - CRJU 1113, 2243, 2913
- C. Three (3) hours of additional electives

Please refer to page 214 for Course Descriptions.

COLLEGE OF LIBERAL ARTS

Samuel E. Watson III, Dean (O'Donohoe Hall 121)

MISSION STATEMENT FOR THE COLLEGE OF LIBERAL ARTS

The purpose of the College of Liberal Arts is threefold. First, the college provides for students throughout the university a broadly based liberal arts curriculum designed to empower them with the fundamental language and communication skills as well as the critical thinking skills necessary for a lifetime of learning and achievement. Secondly, the college offers general education courses in the modern languages, literature, history, philosophy, humanities, political science, sociology, and psychology, which provide a foundation of knowledge necessary in the development of those cultural and aesthetic values that enrich the individual and are essential for a meaningful and productive life. Lastly, the college affords preparation for careers in teaching and a wide range of further graduate and professional studies in fields such as English, history, political science, psychology, the law, the ministry, library science, and museum management.

The College of Liberal Arts offers majors, minors, programs, and courses in Applied Arts and Sciences, Biblical History and Literature, English, Foreign Languages, History, Humanities, International Studies, Philosophy, Political Science, Psychology, Social Studies, and Sociology.

BACHELOR OF APPLIED ARTS AND SCIENCES

J. David Martin, Director (Bea Wood Hall 122)
david.martin@mwsu.edu

Charles Olson, Associate Director (Bea Wood Hall 100)
charles.olson@mwsu.edu

(940) 397-4400 / FAX (940) 397-4918

<http://libarts.mwsu.edu/baas>

MISSION STATEMENT

The Bachelor of Applied Arts and Sciences (B.A.A.S.) degree is designed to offer students with workforce education, vocational-technical training and/or professional experience in occupational fields the opportunity to obtain a baccalaureate degree. Such experienced professional/vocational students may obtain credit toward this degree via regionally accredited college-level course work and/or certain types of professional and educational training. Students who pursue the degree are required to complete the academic core requirements, thirty hours of advanced credit that is complementary to the vocational-technical or professional area, and any additional hours necessary to meet the 124-hour university requirement as stated in the catalog.

ADMISSION TO PROGRAM

Before a student can be admitted, the student must arrange an interview with the Director or Associate Director of the B.A.A.S. Program.

B.A.A.S. students are limited to not more than twenty-five percent of their total semester credit hours in courses transferable to a program in a school of business and not more than fifteen semester credit hours in business school courses completed at Midwestern State University. However, students may select a minor in Business Administration with the approval of the Dean of the College of Business Administration.

Students currently enrolled at Midwestern State University in a designated degree program who satisfy the intent of the mission statement and have at least a 2.75 g.p.a. will be allowed to transfer to the B.A.A.S. degree program. Exceptions to this policy will be considered on an individual basis by the B.A.A.S. Advisory Committee. In such cases, the student must submit to the committee an application accompanied by a letter of recommendation from an adviser in the student's previous major.

DEGREE REQUIREMENTS

The student must complete a baccalaureate degree plan from residence and transfer credit hours by meeting the requirements as follows:

Option A: The Traditional B.A.A.S. Program

Academic Foundations and Core Curriculum (see page 101)

Occupational Specialty (24-36 semester hours)

Credits toward an area of coherent specialization may be earned from junior or community colleges, this university and other senior institutions, workforce education, vocational or technical schools, armed forces schools, work experiences, and non-traditional learning experiences that can be equated to college credit. Credit for work experience is limited to a maximum of 6 semester hours based on a maximum of 2 hours for each year of successful qualifying experience related to the student's occupational specialty. Credit for non-traditional experiences is granted on the basis of evaluation by the Director and the B.A.A.S. Advisory Committee utilizing the National Guide of the American Council on Education (A.C.E.) and other appropriate publications. Documentation will be placed in the student's permanent file in the Office of the Registrar. A minimum of 24 semester hours in the area of occupational specialty must be completed before the student can be accepted into the program. Cognate vocational-technical courses may be accepted within the area of occupational specialty or professional development.

Professional Development (36 semester hours, 30 of which must be advanced and may include 6 hours of B.A.A.S. Internship)

The courses taken in this area will be chosen on the basis that they will give academic depth or breadth to the area of specialization or will provide substantive developmental knowledge for the student's career or personal goals.

Option B: The B.A.A.S. Program with Criminal Justice Emphasis

The Criminal Justice emphasis provides students the background to pursue employment options in the criminal justice career field. The combination of courses such as law enforcement, political science, psychology, sociology, and social work prepares those already working in the field for career advancement. For those wishing to enter a criminal justice field, the degree offers the graduate the possibility of employment in a variety of career fields such as federal, state, and local law enforcement, institutional and community-based corrections, and criminal investigations.

Academic Foundations and Core Curriculum (see page 101)

Occupational Specialty (24-36 semester hours)

Credits toward an area of coherent specialization may be earned from junior or community colleges, this university and other senior institutions, workforce education, vocational or technical schools, armed forces schools, work experiences, and non-traditional learning experiences that can be equated to college credit. Credit for work experience is limited to a maximum of 6 semester hours based on a maximum of 2 hours for each year of successful qualifying experience related to the student's occupational specialty. Credit for non-traditional experiences is granted on the basis of evaluation by the Director and the B.A.A.S. Advisory Committee utilizing the National Guide of the American Council on Education (A.C.E.) and other appropriate publications. Documentation will be placed in the student's permanent file in the Office of the Registrar. A minimum of 24 semester hours in the area of occupational specialty must be completed before the student can be accepted into the program. Cognate vocational-technical courses may be accepted within the area of occupational specialty or professional development.

Professional Development (36 semester hours, 30 of which must be advanced and may include 6 hours of B.A.A.S. Internship)

The B.A.A.S. Criminal Justice Option consists of 36 semester hours; at least 30 of which must be chosen from the following courses:

BAAS 3113

CRJU/POLS 3213, CRJU 3313, CRJU/POLS 3443, CRJU 3463, 3713, CRJU/SOCL 3733, CRJU 3913, CRJU/POLS 4133, CRJU 4213, 4223, CRJU/POLS 4233, CRJU 4253, 4263, 4333, 4913

EDUC 4673

ENGL 3203

JOUR 4683

PHIL 3533

POLS 3233, 3933, 4013, 4163, 4173, 4243, 4653, 4953

PSYC 3913

SOCL 3333, 3353, 3433, 4633

SOWK 3953, 4233, 4323, 4363

SPCH 3023, 4133

NOTE: The B.A.A.S. Criminal Justice Option student may petition the B.A.A.S. Program Director or the Dean of the College of Liberal Arts for permission to apply appropriate additional courses to fulfill the above 30 semester hour curriculum.

Option C: The B.A.A.S. Program with Liberal Arts Emphasis

The Liberal Arts emphasis is a gateway program that provides students with the critical thinking tools for a lifetime of learning and career achievement. The program is designed to fulfill the needs of students who wish to prepare for the challenges of today's world by acquiring the skills and tools provided by a broadly based liberal arts education. The goal of the program is to equip these students with that broad base of knowledge in the liberal arts and to provide them with the communication and language skills necessary for success in the marketplace and in life.

Academic Foundations and Core Curriculum (see page 101)

Occupational Specialty (24-36 semester hours)

Credits toward an area of coherent specialization may be earned from junior or community colleges, this university and other senior institutions, workforce education, vocational or technical schools, armed forces schools, work experiences, and non-traditional learning experiences that can be equated to college credit. Credit for work

experience is limited to a maximum of 6 semester hours based on a maximum of 2 hours for each year of successful qualifying experience related to the student's occupational specialty. Credit for non-traditional experiences is granted on the basis of evaluation by the Director and the B.A.A.S. Advisory Committee utilizing the National Guide of the American Council on Education (A.C.E.) and other appropriate publications. Documentation will be placed in the student's permanent file in the Office of the Registrar. A minimum of 24 semester hours in the area of occupational specialty must be completed before the student can be accepted into the program. Cognate vocational-technical courses may be accepted within the area of occupational specialty or professional development.

Professional Development (36 semester hours, 30 of which must be advanced)

The Liberal Arts Option is 36 semester hours chosen from the following:

1. Two courses chosen from *any four* of the following six categories for a *total of twenty-four advanced hours*.
2. An *additional twelve hours* of courses chosen from any of the six subject areas listed below; at least six hours must be advanced courses (3000-4000).

English	Political Science
History and Geography	Psychology
Humanities/Philosophy	Sociology

NOTE: Any B.A.A.S. student may petition to apply lower or upper division foreign language courses to the above option; approval must be obtained from the Director of the B.A.A.S. program or the Dean of the College of Liberal Arts.

Please refer to page 214 for Course Descriptions.

BIBLICAL HISTORY AND LITERATURE

Instructor: Lee

A maximum of 12 semester hours in religious studies may be counted as elective credit toward the bachelor's degree. Courses in religious studies are taught without regard to sect or creed. These courses are taught off-campus in campus ministry centers adjacent to the University.

Please refer to page 214 for Course Descriptions.

ENGLISH

Thomas W. Galbraith, Chair (Bea Wood Hall 216)

Professors: J. Hoggard, L. Hoggard, Johnson, Smith

Associate Professors: Galbraith, Hoffman, Rogers, Stewart, Taylor

Assistant Professors: Barnett, Fields, Henson, Olson

Instructors: Giddings, Green, Henschel, Reynolds

Professors Emeriti: Brown, Campbell, Carpenter, Whitlock

English Usage Test. Passing the English Usage Test or passing English 2113 is required of all students seeking bachelor's degrees after the completion of 60 semester hours. The test consists of a 300-500 word essay written on one of several topics, and passage requires competence in each of three areas: (1) organization and development,

(2) clarity, and (3) mechanics. (See description of English 2113, page 251, and General Requirements for All Bachelor's Degrees, page 100.)

REQUIREMENTS FOR A MAJOR IN ENGLISH

The requirements for the degree of Bachelor of Arts with a major in English are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts (see page 102)

Program

Additional General

At least a C average in lower-level English courses

Major (30 semester hours exclusive of 1113 and 1123)

Six hours sophomore literature; three hours chosen from language courses 3513, 4513, 4523, 4753, 4763; three hours chosen from 3000 level courses; nine hours chosen from 4000 level courses; and nine hours English electives (excluding 2113)

Minor is to be selected from an area of interest approved by the chair of the department involved.

TEACHER CERTIFICATION IN ENGLISH

The requirements for a Bachelor of Arts degree **with Grades 8-12 Certification in English Language Arts and Reading** are found on page 138. The requirements for a Bachelor of Science in Interdisciplinary Studies **with Middle School English/Language Arts and Reading (4-8) Certification** are found on page 131.

REQUIREMENTS FOR A MINOR IN ENGLISH

Eighteen semester hours, exclusive of English 1113 and 1123, including six hours of sophomore literature; three hours chosen from language courses 3513, 4513, 4523, 4753, 4763; three hours from 3000 level courses; three hours chosen from 4000 level courses; and three hours English elective (excluding 2113).

REQUIREMENTS FOR A MINOR IN ENGLISH: WRITING EMPHASIS

Eighteen semester hours, exclusive of English 1113 and 1123, including six hours of sophomore literature; three hours of either 4513 or 4523; and nine hours chosen from 3103, 3203, 3523 (3103 and 3523 may be repeated for credit).

The following list of undergraduate courses outlines the varying emphases offered by the English Department.

FRESHMAN ENGLISH

1113, 1123

SOPHOMORE LITERATURE

2413, 2423, 2613, 2623, 2723, 2813, 2823

Any of these courses can serve as a literature course in the core curriculum. See page 102.

WRITING COURSES

2113, 3103, 3203, 3523

GENERAL LITERATURE COURSES

3003, 3253, 3273, 3293, 3303, 3313, 3333, 3343, 3503, 3703, 3713, 3723

Any of these courses can substitute as a literature course in the core curriculum.

LANGUAGE AND LINGUISTICS COURSES

3513, 4513, 4523, 4753, 4763

THEORETICAL COURSES

3533, 4533

AMERICAN LITERATURE COURSES

4623, 4633, 4643, 4653

ENGLISH LITERATURE COURSES

4753, 4763, 4773, 4783, 4853, 4863, 4873, 4883, 4893

WORLD LITERATURE COURSES

4903, 4913, 4923, 4943, 4953

DIRECTED READING OR RESEARCH

4993

Please refer to page 214 for Course Descriptions.

PERKINS-PROTHRO DISTINGUISHED PROFESSOR OF ENGLISH

The Perkins-Prothro Distinguished Professorship of English was established in 2001 by the Perkins-Prothro Foundation to recognize truly outstanding scholarship in the College of Liberal Arts.

James M. Hoggard, the professor holding this position, is recognized in the literary arts for his regional and national achievements. Professor Hoggard came to Midwestern in 1966. The author of fifteen books and numerous stories, poems, essays, and translations published nationally and internationally, he has won awards for his teaching and writing. Among his honors are a National Endowment for the Arts Creative Writing Fellowship grant, Hardin Professor of the Year award, The McMurtry Distinguished Professorship of English, the Texas Institute of Letters Short Story Award, the Soeurette Diehl Fraser Award for literary translation, finalist for the National Poetry Series competition, Texas Poet Laureate, the Stanley Walker Award for newspaper journalism, and citations of distinction in *The Best American Short Stories* and *The Yearbook of American Poetry* among others. He has also served two terms as president of The Texas Institute of Letters and is a former president of the Texas Association of Creative Writing Teachers. He has had seven of his plays produced, including two in New York. Among his books are *Medea in Taos & Other Poems*, *Riding The Wind & Other Tales*, *Elevator Man*, *Trotter Ross*, *Breaking An Indelicate Statue*, *The Shaper Poems*, *Two Gulls One Hawk*, *Eyesigns*, and six collections of translations, including *The Art of Dying*, *Love Breaks*, *Chronicle of My Worst Years*, *Stolen Verses & Other Poems*, *Alone Against the Sea: Poems from Cuba*, and *Splintered Silences*.

For information on the Intensive English Language Institute, see page 78.

FOREIGN LANGUAGE

Adalberto Garcia, Chair (Bea Wood Hall 116)

Professor: Hoggard

Associate Professors: Hollabaugh, Garcia, Fuertes-Manjon, McClintock

Assistant Professors: Montoya, Smith

Instructor: Donovan

Professors Emeriti: Klein, Volk

Basic courses are offered in French, German, and Spanish. Spanish offers a major and a minor program. French offers a minor program. Students majoring or minoring in a foreign language may use foreign language literature survey courses to satisfy the humanities and B.A. requirements in literature. Students seeking Teacher Certification in Spanish or French must pass a qualifying exam prior to being admitted to student teaching.

Proficiency Exams: Students may earn credit by passing an examination (with a grade of C or better) prior to registration which would allow them to enroll in advanced courses. See page 68 concerning Proficiency Exams and contact the chair for more information.

FRENCH

The requirements for a minor in French are 12 semester hours beyond 2233.

The requirements for the degree of Bachelor of Arts with a teaching certificate may be found on page 143.

Please refer to page 214 for Course Descriptions.

GERMAN

The department of Foreign Language also offers courses in German.

Please refer to page 214 for Course Descriptions.

SPANISH

The requirements for the Bachelor of Arts degree with a major in Spanish are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts (see page 102)

Program

Major (24 semester hours at the advanced level)

Spanish 3013 or 3023; 3003; 3333; 6 hours from 3133, 3233, 3533, 3633; 4133 or 4233; and 6 hours of electives

Minor (18 semester hours at the advanced level)

Spanish 3013 or 3023; 3003, 3333; and 9 hours of electives

The requirements for the degree of Bachelor of Arts with a teaching certificate may be found on page 140.

Please refer to page 214 for Course Descriptions.

HISTORY

Kenneth E. Hendrickson, Jr., Chair (O'Donohoe Hall 222)

Professors: Collins, Hendrickson, Hewitt, Kindig

Associate Professors: King, Lindemann

Assistant Professor: Arnoult

The requirements for the degree of Bachelor of Arts with a major in history are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts (see page 102)

Program

Major (30 semester hours)

History 1133, 1233, 1333, 1433, and 18 additional semester hours

Minor to be selected in a field acceptable to the chairs of the major and minor programs

REQUIREMENTS FOR A MINOR IN HISTORY (21 semester hours)

History 1133, 1233, 1333, 1433, and nine additional semester hours, selected with approval of the chair.

Please refer to page 214 for Course Descriptions.

GEOGRAPHY

The department of History also offers courses in geography.

Please refer to page 214 for Course Descriptions.

HARDIN FOUNDATION DISTINGUISHED PROFESSOR OF AMERICAN HISTORY

For many years, the Hardin Foundation for Wichita County has supported Midwestern State University through grants and awards. These programs include the Hardin Scholar and the Hardin Professor Awards given each year respectively to the outstanding rising junior student and an outstanding member of the faculty. Additionally, the Foundation has supported the development of a truly outstanding American History Collection in Moffett Library. In 1987, the Foundation created the Hardin American History Professorship.

Dr. Kenneth E. Hendrickson, Jr., a regionally and nationally known historian, has been designated as the Hardin Foundation Distinguished Professor of American

History. Dr. Hendrickson's primary research areas are in the New Deal, recent Texas history, natural resources and conservation history, and politics.

Among his eight books are *The Waters of the Brazos: A History of the Brazos River Authority, 1929-1979* (1983), *Profiles in Power: Twentieth Century Texans in Washington* (1993, second ed. 2004), *The Chief Executives of Texas: From Stephen F. Austin to John B. Connally, Jr.* (1995), and *The Spanish-American War* (2003). His latest work, *Franklin Delano Roosevelt: A Bibliography of His Times and Presidency* is about to go to press. He has contributed to seven additional books and has published more than one hundred articles, essays, and reviews. His major articles appear in such journals as *The Pacific Historical Review*, *Agricultural History*, *Labor History*, *Journal of the West*, *South Dakota History*, *North Dakota History*, *Pennsylvania History*, *Chronicles of Oklahoma*, and *The East Texas Historical Journal*. He is now at work on a biography of George Washington Armstrong, an eccentric Texas millionaire.

HUMANITIES

Adviser: Lynn Hoggard (Bea Wood Hall 217)

Associate Professor: King

Professor Emeritus: Campbell

REQUIREMENTS FOR A MAJOR IN HUMANITIES

The requirements for the degree of Bachelor of Arts with a major in humanities include the following three components:

I. Academic Foundations and Core Curriculum (see page 101) (48 semester hours)
Bachelor of Arts (see page 102)

II. Humanities Interdisciplinary Major (36 semester hours)

Humanities: 6 hours chosen from 2013, 2023, 2033, 2043
 6 hours chosen from 4013, 4023, 4033, 4043
 (Courses of the same title cannot be taken at both the 2000 and 4000 levels.)

English: 2413, 2423
 History: 1333, 1433
 Philosophy: 2233 or 3233
 Art: 1413
 Theatre: 1503
 Music: 1033

(An advanced course in the history of the art form may be substituted for all but the Academic Foundations requirements; e.g., Art History for Art 1413; Music Survey for Music 1033; or History and Aesthetics of the Theatre for Theatre 1053.)

III. Field of Concentration (18-24 hours, to make a total of 24 hours in one of the following fields, beyond Academic Foundations requirements)

The completion of any of the following fields of concentration satisfies the general requirement for a minor.

Art (21 semester hours)

ART 1113, 1313, 4433, 4443, plus 9 advanced studio hours chosen to survey studio options rather than achieve specialization.

English (18 semester hours)

18 hours from advanced English courses, but may include only one writing course and one English language course.

History (18 semester hours)

18 hours of advanced History courses; may include 4603 or 4613, but not both.

Music (21 semester hours)

21 hours including at least 12 advanced hours from Music History and Literature and Music Theory. May include 6 advanced hours in a performance area.

Philosophy (21 semester hours)

21 hours including 12 advanced hours from Philosophy listing.

Political Science (24 semester hours)

24 hours from advanced Political Science courses, but may include only one course from Law or Public Administration offerings.

Spanish (18 semester hours)

18 hours of courses beyond 2233; 3333 may not be repeated.

Theatre (21 semester hours)

21 hours from Theatre 4143, 4433, 4443; English 3253, 3303, 3313, and 4773; may include 6 hours of advanced acting or directing classes.

REQUIREMENTS FOR A MINOR IN HUMANITIES (18 semester hours)

Humanities: 6 hours chosen from 2013, 2023, 2033, 2043; 6 hours chosen from 4013, 4023, 4033, 4043; (courses of the same title cannot be taken at both the 2000 and 4000 levels); History 1333, 1433.

Please refer to page 214 for Course Descriptions.

INTERNATIONAL STUDIES

Adviser: Dr. Michael A. Preda (O'Donohoe Hall 204)

The interdisciplinary major in International Studies shall provide the student with a broadly based liberal arts foundation while at the same time developing the student's global perspective and understanding of cross cultural concerns. Specialization in advanced studies of Economics, History, and Political Science shall enhance the student's awareness of the wide range of global issues which transcend national and regional boundaries, thus insuring that the student is empowered with the expanse of knowledge which crosses disciplinary, cultural, economic, and geographic borders.

Academic Foundations and Core Curriculum (see page 101)

ECON 2333

Bachelor of Arts (see page 102)**REQUIREMENTS FOR A MAJOR IN INTERNATIONAL STUDIES:**

Required Courses: 15 hour core for interdisciplinary major

HIST	1333, 1433, 3133	9 hours
GEOG	3003	3 hours
SOCL	3783	3 hours

Political Science, 6 hours chosen from the following:	6 hours
POLS 3533, 3543, 3553, 3563, 3573, 3583, 3653, 4333, 4453, 4653, 4853, 4933	
Economics, 6 hours chosen from the following:	6 hours
ECON 3553, 3713, 4633, 4723	
History, 6 hours chosen from the following:	6 hours
HIST 3103, 3123, 3503, 3513, 3533, 3713, 3803, 3813, 3833, 3843, 4023, 4173, 4183, 4213, 4253, 4273, 4423, 4433, 4523, 4543, 4643, 4663, 4673, 4773	
TOTAL	33 hours

In order to enhance the student's global awareness and perspective, a minor should be chosen from the following fields: Economics, History, Political Science, French, or Spanish.

REQUIREMENTS FOR A MINOR IN INTERNATIONAL STUDIES:

OPTION I: (18 semester hours)

GEOG 3003, six hours chosen from Category 1, six hours chosen from Category 2, plus three hours chosen from the student's area of specialization as approved by the international studies adviser.

Category 1: Six hours from the following:

ACCT 4023, BUAD 4763, ECON 3553, ECON 4723, MKTG 4643

Category 2: Six hours from the following:

POLS 3533, 3653, 4333, 4653, 4853, 4933

HIST 3813, 4183, 4433, 4523, 4543, 4643

ENGL 2413, 2423, 3003, 4903, 4913, 4943

For a minor with degrees other than the Bachelor of Arts the student must, in addition, complete two semesters of one foreign language.

OPTION II: (18 semester hours)

GEOG 3003, six hours chosen from Category 1, six hours chosen from Category 2, plus three hours chosen from the student's area of specialization as approved by the international studies adviser.

Category 1: Six hours from the following:

ECON 3553, 3713, 4633, 4723

POLS 3533, 3543, 3553, 3563, 3573, 3583, 3653, 4333, 4453,
4653, 4853, 4933

Category 2: Six hours from the following:

HIST 3813, 4183, 4433, 4523, 4543, 4643

ENGL 2413, 2423, 3003, 4903, 4913, 4943

FREN 3333, SPAN 3333

For a minor with degrees other than the Bachelor of Arts the student must, in addition, complete two semesters of one foreign language.

PHILOSOPHY

Adviser: Dr. Alfred D. Stewart (Bea Wood Hall 221)

Associate Professor: Stewart

REQUIREMENTS FOR A MINOR IN PHILOSOPHY (18 semester hours)

Philosophy 1033, 2033, 2233, and nine additional semester hours of which six must be advanced.

Please refer to page 214 for Course Descriptions.

POLITICAL SCIENCE

Dr. Ernest A. Dover, Interim Chair (O'Donohoe Hall 210)

Professors: Martin, Preda, Watson

Associate Professors: Dover, Flavin

Assistant Professors: Garrison, Glean

Professors Emeriti: Backhaus, Covert, Mertens, Sabota

The requirements for the degree of Bachelor of Arts with a major in political science are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts (see page 102)

Program Requirements

Major (30 semester hours)

Political Science 1333, 1433, 2523, 3213; 3 hours from: 3313, 4153, 4553; 3 hours from: 3533, 3543, 3553, 3563, 3573, 3583, 3653, 4333, 4453, 4653, 4853, 4933; 3 hours from 3933, 4133, 4173, 4233, 4243, 4953; 3 hours from: 3233, 3443, 3843, 4013, 4163, 4443; and 6 additional advanced hours. POLS 4903, 4923, and 4973 can be used to fulfill cluster requirements based on their subject matter in a given semester.

The minor field selected must be acceptable to the chairs of major and minor programs.

REQUIREMENTS FOR A MINOR IN POLITICAL SCIENCE (21 semester hours)

Political Science 1333, 1433, 2523 and 12 additional hours, of which nine must be advanced.

Please refer to page 214 for Course Descriptions.

PSYCHOLOGY

George M. Diekhoff, Chair (O'Donohoe Hall 122)

Professor: Diekhoff

Associate Professors: Cuevas, Guthrie, Vandehey

Assistant Professor: Carlston

Academic Foundations and Core Curriculum (see page 101)

A major in psychology has the option of obtaining a Bachelor of Arts or a Bachelor of Science degree. Requirements for the B.A. and B.S. degrees are on pages 102-103.

Program requirements remain the same for either degree and are as follows:

Major (33 semester hours)

PSYC 1103, 2203, 3023 or 3913, 3313, 3603 or 4203, 3703 or 4003, 4503 or 4703; and 12 advanced hours, selected with the approval of the student's adviser.

BIOL 1134 or 1144 (satisfies part of Natural Science requirement in Academic Foundations and Core Curriculum) is an additional program requirement.

All psychology majors must take a written comprehensive examination during their senior year. Contact the Psychology Department office to make testing arrangements.

REQUIREMENTS FOR A MINOR IN PSYCHOLOGY

Eighteen semester hours including PSYC 1103 and 2203 plus 12 additional advanced hours chosen in consultation with the student's adviser and psychology faculty.

GRADUATE PROGRAM

The requirements for a degree of Master of Arts with a major in the field of psychology may be found in a separate graduate catalog.

Please refer to page 214 for Course Descriptions.

SOCIAL STUDIES

The College of Liberal Arts offers a social studies course that is limited to students who are pursuing their teacher certification with a Bachelor of Science in Interdisciplinary Studies or a Bachelor of Arts with Secondary Certification. (See pages 134 and 139 for degree requirements.)

Please refer to page 214 for Course Description.

SOCIOLOGY

Emily E. LaBeff, Chair (O'Donohoe Hall 124)

Professors: Clark, LaBeff, Williams

Associate Professor: Stiles

Assistant Professor: van Blommestein

Academic Foundations and Core Curriculum (see page 101)

A student majoring in sociology has the option of obtaining a Bachelor of Arts or a Bachelor of Science degree. Requirements for the B.A. and B.S. degrees are on pages 102-103.

Major (B.A. and B.S.) (33 semester hours)

SOCL 1133, 2233, 3633, 4153, 4803, PSYC 3313, and 15 advanced semester hours selected with the approval of the student's adviser.

REQUIREMENTS FOR A MINOR IN SOCIOLOGY

Eighteen semester hours including SOCL 1133, 2233, plus 12 additional advanced semester hours.

Please refer to page 214 for Course Description.



COLLEGE OF SCIENCE AND MATHEMATICS

Norman V. Horner, Dean (Bolin Hall 111A)

MISSION STATEMENT FOR THE COLLEGE OF SCIENCE AND MATHEMATICS

The primary mission of the College of Science and Mathematics is teaching of the highest quality at both the undergraduate and graduate levels. The college, through its faculty and programs in biology, chemistry, geology, environmental science, physics, math, computer science, mechanical engineering, and engineering technology, attempts to provide students with the knowledge and skills for life-long learning, an ability to understand the world in which they live, and the ability to comprehend scientific and mathematical advancements and their benefit to future generations. To assist in the accomplishment of this mission, the College of Science and Mathematics fosters research and scholarship of high quality among the faculty and graduate programs in biology and computer science. To provide outreach as an educational institution, the College of Science and Mathematics assists its faculty in utilizing their expertise to the benefit of the university community and regional, state, national, and international communities.

The College of Science and Mathematics offers the following degrees:

Bachelor of Arts with a major in Computer Science	see page 205
Bachelor of Arts with a major in Geology	see page 207
Bachelor of Arts with a major in Mathematics	see page 208
Bachelor of Science with a major in Biology	see page 201
Bachelor of Science with a major in Chemistry	see page 202
Bachelor of Science in Clinical Laboratory Science	see page 204
Bachelor of Science with a major in Computer Science	see page 205
Bachelor of Science with a major in Environmental Science	see page 206
Bachelor of Science with a major in Geology	see page 207
Bachelor of Science with a major in Manufacturing Engineering Technology	see page 209
Bachelor of Science with a major in Mathematics	see page 208
Bachelor of Science in Mechanical Engineering	see page 210
Bachelor of Science with a major in Physics	see page 210
Teacher Certification programs for Grades 8 - 12 in Composite Science, Life Science, Mathematics, and Physical Science	see page 140
Master of Science with a major in Biology	see graduate catalog
Master of Science with a major in Computer Science	see graduate catalog

BIOLOGICAL SCIENCE

William B. Cook, Chair (Bolin Hall 218E)

Professors: Horner, Stangl

Associate Professors: Cook, Rincón-Zachary

Assistant Professors: Scales, Shipley, Stephens

Instructor: Javed

Professors Emeriti: Scott, Grimes

The requirements for the degree of Bachelor of Science with a major in biology may be satisfied in any of three areas of emphasis.

- A. Molecular-cellular option
- B. Organismal option
- C. Pre-Professional (pre-medicine, pre-dentistry, pre-veterinary) option

Academic Foundations and Core Curriculum (all options see page 101)

Major

Option A

Biology 1144, 1544, 3054, 3064, 3331, 3333, 4001, 4714, three advanced hours in both botany¹ and zoology²; three additional advanced hours (34 hours)

Option B

Biology 1144, 1544, 3054, 3064, 3331, 3333, 4001; three advanced hours in both botany¹ and zoology²; twelve additional advanced hours (39 hours)

¹Advanced Botany 3534, 4463, and 4564.

²Advanced Zoology 3024, 3033, 3133, 3234, 3343, 3434, 3643, and 4523.

Option C

Biology 1144, 1544, 3054, 3064, 3144, 3234, 3331, 3333, 4001; 8 additional advanced hours (37 hours)

Minor

Option A

CHEM 1141, 1143, 1241, 1243, 3001, 3003, 3011, 3013, 3603, 4243 (22 hours)

Option B

Consult adviser for approved minor and specific courses, or may select Interdisciplinary minor: GEOL 1134, 1233, 3023, 3133; MATH 1233 or 1533; STAT 3573 (19 hours)

Option C

Consult adviser for approved minor and specific courses.

Program Requirements (see Options, above)

Option A: MATH 1433 or 1533, 1634, 1734, 2534; PHYS 1624, 2644

Option B: CHEM 1141, 1143, 1241, 1243, 3001, 3003; MATH 1433; Either PHYS 1144 and 1244 or 1624 and 2644

Option C: MATH 1634; CHEM 1141, 1143, 1241, 1243, 3001, 3003, 3011, 3013; Either PHYS 1144 and 1244 or 1624 and 2644

Foreign Language 1134 and 1234 are required for options A-C.

REQUIREMENTS FOR A MINOR IN BIOLOGY (20 semester hours)

Biology 1144 and 1544 and an additional 12 semester hours, of which 6 must be advanced. Courses must be selected in consultation with chair.

Please refer to page 214 for Course Descriptions.

CHEMISTRY

Rodney L. Cate, Chair (Bolin Hall 307B)

Professors: Cate, Rogers

Assistant Professors: Voegel, Hansen, Hallford

Instructor: Fulton

Professors Emeriti: Sund, Williams

Programs of study leading to the degree of Bachelor of Science with a major in chemistry are as follows:

A. Professional option.

This program provides the academic foundation for students who may wish to continue their studies in graduate chemistry, chemical engineering, or biochemistry. Students completing this program with three additional advanced chemistry hours and a chemistry GPA of 2.5 or better will be certified by the Committee on Professional Training of the American Chemical Society.

B. Interdisciplinary option.

This program provides the academic foundation for students who may wish to continue their studies in professional schools of medicine, dentistry, or veterinary medicine or those who desire an emphasis in business, computer science, or other areas.

The requirements for the degree of Bachelor of Science with a major in chemistry are as follows:

General: (see page 99)

Academic Foundations and Core Curriculum: (see page 101)

Bachelor of Science: (see page 103)

Major

Option A

CHEM 1141, 1143, 1241, 1243, 3001, 3003, 3011, 3013, 3305, 3405, 3603, 3705, 4243, 4305, two hours of 4001. (Those students who wish to continue their studies in graduate biochemistry should take CHEM 4242 and 4253. Those students who wish to obtain ACS certification must take three additional advanced hours in chemistry, exclusive of 3504, 4233, and 4505.)

American Chemical Society Certification—With Honors

This designation will be awarded to students fulfilling the following:

1. All regular requirements for the Bachelor of Science with a major in chemistry (Option A) and all the requirements for certification by the Committee on Professional Training of the American Chemical Society.
2. Minimum GPA: 3.0 overall; 3.3 in chemistry courses.
3. A minimum of four semester hours must be earned in independent research (CHEM 4911, 4922, 4933); this should be commenced in the junior year or earlier.
4. Acceptance of a B.S. research paper (covering the undergraduate independent research project) by the chemistry faculty and the chair of the Honors Committee.

5. Presentation of a public lecture on the research paper to the chemistry faculty.

Option B

CHEM 1141, 1143, 1241, 1243, 3001, 3003, 3011, 3013, 3305, 3603, two hours of 4001, and either 3405 or 4242, and 4243.

Minor

Option A

Professional Chemistry or Prechemical Engineering:

Mathematics (See page 208 and the Chemistry Program Adviser for specific course requirements.) OR

Physics (see page 210 and the Chemistry Program Adviser for specific course requirements); OR

Other (see the Chemistry Program Adviser for specific course requirements); OR

Professional Biochemistry - Biology (See page 201 and the Chemistry Program Adviser for specific course requirements.)

Option B

Pre-Medical, Pre-Dental or Pre-Veterinary - Biology (See page 201 and the Health Professions Adviser for specific course requirements.); OR

Business Emphasis - Business Administration (See page 117.); OR

Computer Science Emphasis - Computer Science (See page 205.)

Others (See your academic adviser.)

Additional Requirements:

Requirements common to both optional degree plans:

MATH 1233 and 1433 or MATH 1533; MATH 1634 and 1734; STAT 3573; PHYS 1624 and 2644; and one year of a foreign language.

Option A

MATH 2534, three additional advanced hours in the physical sciences or mathematics of which one hour represents laboratory or problems credit.

Option B

See the Health Professions Adviser for additional Pre-Veterinary medical requirements.

Electives

Additional hours to total a minimum of 124 (including kinesiology requirements).

REQUIREMENTS FOR A MINOR IN CHEMISTRY (22 semester hours)

CHEM 1141, 1143, 1241, 1243, and fourteen additional hours of which six must be advanced, exclusive of organic and introductory environmental chemistry.

Special Problems in CHEM 4911, 4922, 4933 may not be counted toward the minor in chemistry.

Please refer to page 214 for Course Descriptions.

CLINICAL LABORATORY SCIENCE (formerly Medical Technology)

Asma Javed, Coordinator (Bolin Hall 220B)

The Bachelor of Science in Clinical Laboratory Science degree consists of 130 semester hours. Upon successful completion of an AMA approved curriculum, the student is eligible to take the National Certification examination for Medical Technologist.

This is a special academic program that has a separate academic foundations curriculum. (See page 110.)

Basic Core (27 semester hours)

Political Science 1333, 1433

English 1113, 1123

Mathematics 1233

History 1133, 1233

Speech Communication - 3 hours

Demonstrate computer literacy by taking a proficiency test or earning credit for CMPS 1023, 1043, BUAD 2153, or EDUC 1023.

Additional 18 hours

Select from at least four of the following areas: Social and Behavioral Sciences, Sciences, Fine Arts, Speech Communication (cannot be same course used in Basic Core), Humanities, Economics, and Kinesiology.

NOTE: BSCL students may choose 12 hours from three of the areas listed above and count the other 6 hours from the sciences below.

Major - CLINICAL LABORATORY SCIENCE

Academic Course Work (50 semester hours)

Biology 1113, 1144; 1134 and 1234 or 2034; 3004, 4023

Chemistry 1141, 1143, 1241, 1243, 3001, 3003; 3302 and 3303.

Statistics 3573

Additional hours to be selected from Biology or Chemistry to bring total to 50 hours.

Practicum (41 semester hours)

Successful completion of a clinical practicum in a medical technology program approved by the Committee on Allied Health Education and Accreditation of the American Medical Association. Forty-one semester hours are awarded in the following areas of instruction: hematology, chemistry, urinalysis, serology, microbiology, blood banking, laboratory rotation.

The coordinator of the clinical laboratory science program will receive and approve syllabi and text materials describing the content of the clinical phase of the clinical laboratory science program. Additionally, the coordinator will review test materials and routinely observe the student in the clinical setting before practicum credit is validated. Practicum credit will be posted upon written approval of the University's coordinator of the clinical laboratory science program.

Please refer to page 214 for Course Descriptions.

COMPUTER SCIENCE

Ranette H. Halverson, Chair (Bolin Hall 126A)
Professors: Carpenter, Donovan, Halverson, Passos
Associate Professor: Stringfellow
Assistant Professor: Simpson
Instructor: Griffin

The requirements for the degree of Bachelor of Science with a major in computer science are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Science (see page 103)

Program Requirements

Major

Computer Science 1043, 1053, 2084, 2133, 3023, 3233, 4103, 4113, 4143, 4991, and fifteen hours of computer science electives (twelve advanced hours). Computer Science 1023 and 3533 may not be counted toward a major in computer science.

Minor to be selected in a field approved by the Chair of the Computer Science program.

Additional Requirements

ECON 2333
 MATH 1634, 1734, 2333, and 3 hours from 3533, 3833, or 4243
 PHYS 1624, 2644
 STAT 3573
 Computer Science Exit Exam

The requirements for the degree of Bachelor of Arts with a major in computer science are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Arts (see page 102)

Program Requirements

Major

Computer Science 1043, 1053, 2084, 3233, 3493, 4103, 4113, 4123, 4991, and fifteen hours of computer science electives (twelve advanced hours). Computer Science 1023 and 3533 may not be counted toward a major in computer science.

Minor to be selected in a field approved by the Chair of the Computer Science program.

Additional Requirements

ACCT 2143, 2243
 MATH 1233 and 1433, or MATH 1533
 MATH 2333
 MATH 1634 *or* 4243 *or* other approved math course
 STAT 3573
 Computer Science Exit Exam

Minor in Computer Science

The requirements for a minor in computer science are Computer Science 1043, 1053, 2084, 2133, and twelve hours computer science electives (nine advanced hours) to be approved by Chair. Computer Science 1023 may not be counted toward a minor in computer science.

Please refer to page 214 for Course Descriptions.

ENVIRONMENTAL SCIENCE

Phillip D. Voegel, Chair (Bolin Hall 307E)

Professors: See Biology, Chemistry, and Geology

A program of study leading to the degree of Bachelor of Science with a major in environmental science is as follows:

The degree is an interdisciplinary program that covers the basic sciences. Environmental problems are multifaceted and require problem-solving skills that cover breadth in each of the sciences.

General: (see page 99)

Academic Foundations and Core Curriculum: (see page 101)

Bachelor of Science: (see page 103)

Major:

Interdisciplinary - ENSC 1114, 3103, 4001, 4103; BIOL 1144, 1544, 3044, 3534, 4684; CHEM 1141, 1143, 1241, 1243, 3305, 3504, 4505; GEOL 1134, 2134, 3023, 3234, 4634, and three additional advanced hours from biology or geology.

Minor:

No minor required.

Program Requirements:

PHYS 1144 and 1244; MATH 1433 or 1533; STAT 3573; two semesters of one foreign language.

Please refer to page 214 for Course Descriptions.

GENERAL SCIENCE

Courses in general science are offered to students who are pursuing their teacher certification with a Bachelor of Science in Interdisciplinary Studies or a Bachelor of Science (with a science major) with Secondary certification. (See pages 130-136, 140-143.)

Please refer to page 214 for Course Descriptions.

GEOLOGY

M. John Kocurko, Chair (Bolin Hall 102A)

Professors: Kocurko, Watkins

A program of study leading to the
Bachelor of Arts Degree

Option A: Emphasis in **Geology**

Major

GEOL 1134, 1233, 2134, 3234, 3434, 3534, 3633, 3734, 4634, 4001.

Minor

To be chosen in consultation with the student's adviser, and approved by the department chair.

Academic Foundations and Core Curriculum (all options see page 101)

Program Requirements

CHEM 1141, 1143, 1241, 1243, or the sequence CHEM 1101, 1103 and BIOL 1144 or 1544. PHYS 1144, 1244. MATH 1233 and 1433 or 1533. Six hours of sophomore literature, and two years of a single foreign language (or the equivalent of one language through the second year). See page 102.

A program of study leading to the
Bachelor of Science Degree

Option B: **Geology** (Graduate school preparation)

Major

GEOL 1134, 1233, 2134, 3234, 3434, 3534, 3633, 3734, 3836, 4001, 4233, 4634.

Minor

Minor to be chosen in consultation with the student's adviser, and approved by the department chair. A minor in biology, chemistry, physics, mathematics, computer science, or engineering technology is strongly recommended.

Interdisciplinary Minor

Geology Majors Only: BIOL 1144 and 1544; CHEM 1141, 1143, 1241 and 1243; plus six additional advanced hours from Biology or Chemistry (exclusive of organic chemistry).

Academic Foundations and Core Curriculum (all options see page 101)

Program Requirements

Option B: CHEM 1141, 1143, 1241, 1243, PHYS 1144, 1244, MATH 1634 and 1734. One year of a single foreign language.

Requirements for a minor in Geology

GEOL 1134, 1233, and 11 additional hours in geology, six of which must be advanced.

Please refer to page 214 for Course Descriptions.

MATHEMATICS

Patrick Mitchell, Chair (Bolin Hall 118)

Professors: Donovan, Farris, Hinds, Tucker

Associate Professors: Fosnaugh, Mitchell, Schmitter, Slavens, Warndof

Assistant Professors: Belcher, May, Spiller

Instructors: Johnson, Richardson

Professors Emeriti: Huffman, Meux, Newton, Rowell

The requirements for the Bachelor of Arts and Bachelor of Science degrees with majors in mathematics are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Science (see page 103)

Bachelor of Arts (see page 102)

Program Requirements

Major

Mathematics 1634, 1734, 2133, 2534, 3293, 3833, either (4733 and 4833), or (4133 and 4143), plus nine additional advanced hours exclusive of Math 3033, 3113, 3123, and 4033.

Additional Requirements

Consult adviser for approved minor and specific courses.

CMPS 1043, 1053

STAT 3573 or MATH 4143

Requirements for a minor in Mathematics.

Eighteen hours of mathematics to include 1634, 1734, 2534, and six advanced hours exclusive of 3033, 3113, 3123, 3133 and 4033.

CREDIT BY EXAMINATION

Proficiency examinations are given for MATH 1233, MATH 1433, MATH 1533, MATH 1634, and MATH 1734. For more information, students may contact the Chair of Mathematics.

Please refer to page 214 for Course Descriptions.

MCCOY SCHOOL OF ENGINEERING

Jerry D. Faulk, Chair (McCullough Hall 101)

Professor: Sutko

Associate Professors: Brink, Faulk

ENGINEERING DRAWING

The McCoy School of Engineering offers courses in engineering drawing.

Please refer to page 214 for Course Descriptions.

MANUFACTURING ENGINEERING TECHNOLOGY

The requirements for the degree of Bachelor of Science with a major in manufacturing engineering technology are as follows:

Academic Foundations and Core Curriculum (see page 101)

Bachelor of Science (see page 103)

Program Requirements:

Major

MENT 1334, 1342, 2123, 2143, 3103, 3134, 3333, 3403, 3503, 4103, 4113, 4213, 4603, 4742, and 3 semester hours selected from 4911 and 4912.

Additional Requirements

ENDR 1133, 2134
MATH 1433, 1634, 1734
PHYS 2014, 2114
CHEM 1141, 1143
PHYS 1144, 1244 (or PHYS 1624, 2644)
CMPS 1043
ENGL 3203
STAT 3573, 3583

Mathematics-Statistics minor for this degree will consist of MATH 1233, 1433, 1634, 1734, and STAT 3573, 3583.

Minor in Manufacturing Engineering Technology

The requirements for a minor in Manufacturing Engineering Technology are MENT 1334, 2123, 2143, 3134, and six additional hours of MENT courses, at least three of which must be advanced.

Please refer to page 214 for Course Descriptions.

MECHANICAL ENGINEERING

The Bachelor of Science in Mechanical Engineering is a special academic program that has a separate academic foundations curriculum. (See page 110.)

Basic Core (25 semester hours)

Political Science 1333, 1433
 English 1113, 1123
 Mathematics 1634
 History 1133, 1233
 Speech Communication - 3 hours
 (MENG majors demonstrate computer literacy by taking MENG 1203 in the major.)

Additional Academic Course Work (43 semester hours):

PHIL 2033
 ENGL 3203
 PHYS 1624 and 2644
 CHEM 1141, 1143, 1241 and 1243
 MATH 1734, 2534 and 3433
 ENDR 1133
 Four semester hours to be selected from Kinesiology activity courses or from Visual and Performing Arts as shown on page 102, and
 Three semester hours of technical elective to be selected from STAT 3573, MATH 2333, 3533, PHYS 3323, 3333, 4323, CMPS other than CMPS 1023, advanced level CHEM course, MENG 3143, 3153, or 3163. (A MENG course used as a technical elective cannot simultaneously fulfill major requirement below.)

Mechanical Engineering Major Course Work (70 semester hours):

MENG 1101, 1203, 2113, 2123, 2104, 2213, 2214, 2204, 3103, 3113, 3223, 3203, 3213, 4103, 4113, 4123, 4133, 4143, 4203, 4213, 4233, 4243, and three semester hours to be selected from MENG 3143, 3153 or 3163.

Please refer to page 214 for Course Descriptions.

PHYSICS

Richard Fleming, Chair (Bolin Hall 307C)

Associate Professor: Fleming

Assistant Professor: Rhoads

Professors Emeriti: Holverson, Sims

The requirements for the degree of Bachelor of Science with a major in physics are as follows:

Major (32 hours)

Physics 1624, 2644, 3313, 3323, 3333, 3343, 4303, 4323, 4343, 4353

Minor (18 hours)

Mathematics 1634, 1734, 2534, 3433, 3833

Academic Foundations and Core Curriculum (see page 101)

Program Requirements

CHEM 1141, 1143, 1241, 1243

Requirements for a Minor in Physics

PHYS 1624, 2644, and twelve additional hours of which six must be advanced.

Please refer to page 214 for Course Descriptions.

STATISTICS

Professor: Hinds

Associate Professor: Schmitter

The College of Science and Mathematics offers courses in statistics.

Please refer to page 214 for Course Descriptions.



