

DEGREE PROGRAMS

Degrees Offered

Associate of Arts (AA)
 Associate of Science (AS)
 Bachelor of Accountancy (BAcc)
 Bachelor of Applied Science in Management (BASM)
 Bachelor of Arts (BA)

Bachelor of General Studies (BGS)
 Bachelor of Music Education (BME)
 Bachelor of Science (BS)
 Bachelor of Science in Education (BSE)
 Bachelor of Science in Nursing (BSN)

Undergraduate Majors

Accounting, AS, BAcc (page 48)
 Applied Mathematics, AS (page 81)
 Business, AA, AS, BA, BS (page 52)
 Child Development, BS (page 60)
 Computer Science, AS, BA, BS (page 61)
 Criminal Justice, BA, BS (page 63)
 Early Childhood Education, BSE (page 67)
 Education:
 • Early Childhood Education, BSE (page 67)
 • Elementary Education, BSE (page 68)
 • Middle School, BSE:
 ○ Language Arts (page 68)
 ○ Mathematics (page 80)
 ○ Science (pages 51 and 59)
 ○ Social Science (page 72)
 • Music Education (page 82)
 • Secondary Certification¹, BA or BS: Business (page 55) and Math (page 79)
 • Special Education Mild-Moderate Disabilities K-12 (EDU), BSE (page 69)
 Interdisciplinary Studies, AA, AS, BA, BS (page 74)
 Management, BASM (page 56)
 Mathematics, BA, BS (page 78)
 Music Education (page 82)
 Nursing, BSN (page 86)
 Psychology, AA, BA, BS (page 91)
 Sociology, BA, BS (page 95)
 Special Education Mild-Moderate Disabilities K-12, BSE (page 97)

Minors

Accounting (page 49)
 Applied Law Enforcement (page 64)
 Biology (page 51)
 Business (page 56)
 Chemistry (page 59)
 Child Development (page 60)
 Computer Science (page 61)
 Criminal Justice (page 64)
 Economics (page 64)
 Education (page 69)
 History (page 73)
 Interdisciplinary Studies (page 74)
 Marketing (page 76)
 Mathematics (page 80)
 Philosophy (page 90)
 Political Science (page 90)
 Psychology (page 92)
 Religion (page 94)
 Science and Earth Science (page 94)
 Social Science (page 73)
 Sociology (page 96)
 Spanish (page 96)
 Theatre Arts (page 98)

Graduate Degree Programs

Master of Education (page 134)
 Master of Science in Clinical Counseling (page 146)
 Master of Science in Nursing, Clinical Nurse Leader (page 150)

Post-baccalaureate, Non-Degree Programs

MORENET Workshop Course for Graduate Credit (page 129)
 Temporary Authorization Certification (TAC) (Education) (page 129)
 Virtual Education Software (VESi) (page 141)

¹ Candidates for Secondary Certification take the BA or BS degree in their subject area.

UNDERGRADUATE DEGREE PROGRAM MODEL

The Values Statement, Mission Statement, and Educational Goals of Central Methodist University are published on page 16. These statements are pledges about the character of the College of Liberal Arts and Sciences and the education it seeks to provide to all students. As these pledges make clear, the University understands education to be concerned with the formation of the self, not merely with providing information to an individual who is unchanged by it. Liberal education is formative as well as informative. At their best, both liberal arts education and education for professional preparation provide the intellectual knowledge, skills, and disciplines from which the student constructs his or her unique character as well as prepares for a career and for life.

The educational program described in the following pages is intended to fulfill the mission of the College of Liberal Arts and Sciences by providing a curriculum that enables students to reach the Educational Goals of the College of Liberal Arts and Sciences through acquiring the habits of mind, habits of heart, and habits of action that embody the good. The development of such habits requires both knowledge and mental discipline in many fields of study. Habits of mind should move beyond knowledge toward wisdom. And wisdom requires an understanding that decisions and actions should be based on both knowledge and the will to do the good. Our curriculum is designed to help students make responsible life choices with deep concern for the common good.

GENERAL EDUCATION COMPETENCIES AND REQUIREMENTS: ADDITIONAL INFORMATION

1. All baccalaureate degrees will be required to have the same 31.5-32-hour Common Core competencies and requirements.
2. Courses in the major will not count in the Common Core.
3. Each course taught as part of General

Education will meet the General Education competencies. Competencies met by each course will be listed on the course syllabus.

4. The core competencies are for the Common Core.
5. Assessment of additional General Education requirements may be a part of the major or professional program assessment.
6. Courses under the section "Understanding Human Nature and Exploring the Nature of the Universe" have specific competencies, but these courses should continue to emphasize information fluency and oral and written communications as part of the course. Where appropriate, these courses should also emphasize math literacy and wellness.

General Education Transfer Policies: Transfer credit will be accepted for courses generally equivalent to those in the General Education program.

	Take CMU101 & CMU102?	Take PE111?	Take CMU201?
0-29 transfer hours <u>without</u> one full-time semester of study on a university campus	Yes	Yes	Yes
0-29 transfer hours <u>with</u> one full-time semester of study on a university campus	No	Yes	Yes
30-59 transfer hours	No	No	Yes
≥ 60 transfer hours	No	No	No

GENERAL EDUCATION HOURS: ALL DEGREES

All baccalaureate degrees will be required to satisfy the same Common Core competencies and requirements. Also, courses in the major will not count in the Common Core.

DEGREE	COMMON CORE	ADDITIONAL GEN. ED. REQUIREMENTS	NOTES	TOTAL HOURS—GEN. ED.
ASSOCIATE OF ARTS (AA)	29.5-33	15-16		44.5-49
ASSOCIATE OF SCIENCE (AS)	28.5-29			28.5-29
BACHELOR OF ACCOUNTANCY (BACC)	31.5-32	12	Students applying to graduate school or for certification usually have 130 to 150 hours at graduation, including 6-15 additional hours of General Education.	43.5-44
BACHELOR OF APPLIED SCIENCE IN MANAGEMENT (BASM)	31.5-32	21-24		53.5-56
BACHELOR OF ARTS (BA)	31.5-32	21-24		52.5-56
BACHELOR OF GENERAL STUDIES (BGS)	31.5-32	19-20		50.5-52
BACHELOR OF MUSIC EDUCATION (BME)	31.5-32	11		42.5-43
BACHELOR OF SCIENCE (BS)	31.5-32	21-24		52.5-56
BACHELOR OF SCIENCE IN EDUCATION (BSE)	31.5-32	18	Students in BSE-Elementary will continue in the core subjects they will teach (e.g. Mathematics, Geography)	49.5-50
BACHELOR OF SCIENCE IN NURSING (BSN)	31.5-32	17		60.5-61

GENERAL EDUCATION COMPETENCIES

The following competencies are for the Common Core.

I. FOUNDATIONS: Students will develop skills to help them achieve academic and professional excellence and a foundation for lifelong learning.

Information Fluency

1. Students will find existing sources of information on a topic using print and electronic resources.
2. Students will evaluate the accuracy and validity of information presented in a wide variety of media.
3. Students will cite sources in a standardized format and in accordance with CMU's Academic Conduct Policy.

Oral and Written Communication

4. Students will write a logically developed, organized document or presentation using standard grammar, usage, mechanics, and spelling.
5. Both orally and in writing students will articulate ideas clearly and logically for varied audiences and purposes.

Math Literacy

- 6-7. Students will demonstrate mathematical reasoning by applying appropriate methods and procedures.

Wellness

8. Students will demonstrate behaviors consistent with lifelong wellness.

II. UNDERSTANDING HUMAN NATURE: Students will develop their understanding of human nature in order to assess issues and solve problems from a variety of perspectives and in order to develop as socially responsible leaders.

Valuing

9. Students will consider both the Christian tradition as well as the beliefs and practices of people of diverse religious, philosophical, racial, and ethnic backgrounds.
10. Students will recognize how Philosophy and Religion have worked to explain human existence within a cultural and historical context.
11. Students will explain *their own* understanding of the relationship between humans, the world, and the divine.

Social Sciences

12. Students will understand historical and cultural changes and human behavior in their social contexts.
13. Students will use the different social science methods to evaluate contemporary problems.
14. Students will understand the constitutions of the United States and of the State of Missouri.
15. Students will demonstrate the ability to think critically about social institutions and problems.

Humanities

16. Students will understand the historical, cultural, and social contexts of the humanities.
17. Students will articulate a critical response to works in the humanities.

Understanding Leadership

18. Students will understand leadership through the examination of case studies.

III. EXPLORING THE NATURE OF THE UNIVERSE²: Students will explore the nature of the universe in a variety of dimensions and will develop their values and beliefs.

Life and Physical Sciences

19. Students will use the scientific method to develop and test hypotheses.
20. Students will evaluate scientific evidence and argument.
21. Students will recognize concepts of the principles, organization, and evolution of natural systems.
22. Students will understand how human choices affect the earth and living systems.

² Courses under the section “Understanding Human Nature and Exploring the Nature of the Universe” have specific competencies, but these courses should continue to emphasize information fluency and oral and written communications as part of the course. Where appropriate, these courses should also emphasize math literacy and wellness.

DEGREE REQUIREMENTS

General Education Common Core (All Degrees)

COMMON CORE	HOURS	WHICH COURSES SATISFY COMPETENCIES? ³
FOUNDATIONS		
14.5-15 HOURS SUB-TOTAL		
CMU101/102	1.5-2 hours	CMU101/102
Wellness	1 hour	PE111 Wellness (Army Physical Training fulfills this requirement.)
Freshman Writing	3 hours (6 hrs if taking EN110 & EN111)	EN110 College Composition I / EN111 College Composition II (required of students whose ACT English subscore is < 20) OR EN120 College Comp I/II
Oral Communications	3 hours	CT101 Communication Skills
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)	<ul style="list-style-type: none"> • MA101 Algebra for College Students I / MA102 Algebra for College Students II (required of students whose ACT Math subscore is < 20) • MA103 College Algebra • MA105 Elementary Statistics • MA118 Calculus and Analytic Geometry I • MA224 Mathematics for Elementary and Middle Grade Teachers (Only Early Childhood Education majors may count MA224 in the Common Core.)
Advanced Writing	3 hours	<ul style="list-style-type: none"> • EN305 Expository Writing • EN306 Technical Writing
UNDERSTANDING HUMAN NATURE		
13 HOURS SUB-TOTAL		
Religion	3 hours	RL122 Religion / Human Adventure
Social Science with Constitution	3 hours	<ul style="list-style-type: none"> • HI117 Development of the United States I • HI118 Development of the United States II • HI307 History and Politics of Missouri • PS101 Intro American National State Local Govt. • PS307 History and Politics of Missouri
Leadership	1 hour	CMU201 Intro to Leadership (ROTC students may substitute MSL220 & MSL222.)
Literature	3 hours	EN222 Intro to Literature
Valuing OR Social Science (CJ, CT, EC, Ethics, HI, Philosophy, PS, PY, or SO)	3 hours	<p>VALUING</p> <ul style="list-style-type: none"> • PL105 Intro Philosophy <p>SOCIAL SCIENCE</p> <ul style="list-style-type: none"> • CJ100 Intro Criminal Justice • EC122 Economics for Educators • EC201 Macroeconomics • EC202 Microeconomics • HI101 World History I • HI102 World History II • HI117 Dev. of the U.S. I • HI118 Dev. of the U.S. II • PS101 Intro American National State Local Govt. • PY101 Intro Psychology • SO101 Intro Sociology • SO102 Social Problems • SO150 Intro Anthropology

³ To be listed as satisfying any General Education competency, faculty teaching or administering a course must apply for such listing through the faculty's Committee on Academic Affairs, which, in consultation with the Committee on Assessment, will endorse or not endorse such listing. If endorsed, the proposal then goes to the full faculty for approval.

EXPLORING THE NATURE OF THE UNIVERSE		4 HOURS SUB-TOTAL	
Science with Lab: May count specified courses with the AS, BI, CH, ES, GL, and PH prefixes. May count SC101 but no other SC courses.	4 hours	<ul style="list-style-type: none"> • AS101 Descriptive Astronomy • AS102 Descriptive Astronomy: Beyond the Solar System • BI101 General Biology • BI102 General Biology • BI105 Intro Environmental Science • BI106 Human Biology • BI108 Biodiversity • CH111 Gen. Chemistry 	<ul style="list-style-type: none"> • CH114 General Chemistry with Qualitative Analysis • GL101 Physical Geology • GL102 Hist. Geology • PH111 Gen. Physics • PH112 Gen. Physics II • PH205 Calculus Physics • SC101 Conceptual Physical Science
TOTAL COMMON CORE HOURS		31.5-32 HOURS	

General Education Transfer Policies: Transfer credit will be accepted for courses generally equivalent to those in the General Education program.

	Take CMU101 & CMU102?	Take PE111?	Take CMU201?
0-29 transfer hours <u>without</u> one full-time semester of study on a university campus	Yes	Yes	Yes
0-29 transfer hours <u>with</u> one full-time semester of study on a university campus	No	Yes	Yes
30-59 transfer hours	No	No	Yes
≥ 60 transfer hours	No	No	No

TIER TWO (ADDITIONAL GENERAL EDUCATION REQUIREMENTS)

The second level of General Education Requirements (known as “Tier Two”) differs from one degree program to the next. Before selecting any courses for Tier Two requirements, determine whether a degree program specifies what must be taken. If given a choice of courses to satisfy a Tier Two requirement, consult the following section. Advisors may not double-count Common Core courses elsewhere; advisors may double-count courses in Tier Two, the major, and the minor. “Double-counting” does not mean a student gets double the credit hours for a single course; instead, “double-counting” means a course may satisfy requirements in more than one area (of Tier Two, the major, and the minor).

FINE ARTS COURSES

Fine Arts courses include survey courses, which examine the monuments and major figures of a visual or performing art, examine the social and cultural contexts and influences on this visual or performing art, and provide sufficient study of and exposure to the visual or performing art to enable the student to begin to comprehend the aesthetic and to offer an informed response to the aesthetic. Fine Arts requirements also can be satisfied by studio art courses that include instruction in history and theory.

CMU’s faculty designated these as “Fine Arts” courses:

- AR116 Basic Photography (3)
- AR121 Basics of Design (3)
- AR130 Studio Art (3)
- AR186 Art History I (3)
- AR188 Art History II (3)
- EN212 Introduction to Cinema (3)
- MU145 History of Jazz (3)

- MU188 Music Appreciation (3)
- MU201 Opera Literature on Video (3)
- TA103 Basic Principles of Theatre (3)
- TA113 Script Analysis (3)
- TA384 Theatre History I (3)
- TA386 Theatre History II (3)

FOREIGN LANGUAGE REQUIREMENT

The BA degree requires six to eight hours of a single foreign language. Students whose native language is other than English who seek a degree requiring foreign language have the following options: (1) fulfill the foreign language degree requirement stated by the degree, (2) take six hours of 300-level literature in their native language if that language is offered at CMU, (3) take six hours in oral and written communications in addition to EN110/111 or EN 120; EN222; EN305 or 306; and CT 101.

HUMANITIES REQUIREMENTS

Some degree programs designate which course(s) a student must take to fulfill the Humanities courses for Tier Two of the General Education curriculum. If no such designation exists, students may not count courses taken as part of the Common Core but instead must select courses from the following:

- **ENGLISH (EN):** EN212 (or satisfies "Fine Arts" requirement), EN216, EN224, EN234, EN312, EN323, EN324, EN329, EN331, EN335, EN340, EN342, EN347, and EN348. EN190/290/390/490 satisfy Tier Two requirements unless otherwise indicated. EN160/260/360/460 do not satisfy Tier Two requirements.
- **PHILOSOPHY (PL):** PL105, PL225 (cross-listed with RL225), PL311, PL303, PL304, PL306, PL310, and PL314 (cross-listed with RL314). PL190, 290, and 390 satisfy Tier Two requirements unless otherwise indicated. PL 160/260/360/460 do not satisfy Tier Two requirements.
- **RELIGION (RL):** RL201, RL202, RL203, RL225 (cross-listed with PL225), RL301, RL302, RL303, RL310, RL314 (cross-listed with PL314), RL331, RL332, RL333, and RL336. Unless otherwise indicated, RL190/290/390/490 satisfy Tier Two requirements. RL160/260/360/460 do not satisfy Tier Two requirements.

- **SPANISH (SP):** SP203, SP204, SP316, SP318, and SP320. Unless otherwise indicated, SP190/290/390/490 satisfy Tier Two requirements. SP160/260/360/460 do not satisfy Tier Two requirements.

MATHEMATICS REQUIREMENTS

To fulfill Mathematics requirements, students must take courses with the MA (Mathematics) prefix.

ANALYTICAL SKILLS REQUIREMENTS

Some degree programs designate which course(s) a student must take to fulfill Analytical Skills courses for Tier Two of the General Education curriculum. Unless otherwise designated, students pursuing a Bachelor of Science degree must select from these courses:

- BU225 Computer Applications in Business
- PL101 Introduction to Logic
- a course in Research Methods (CJ/HI/PS/PY/SO 331 and PS/PY/SO 334 have been designated for students majoring in the Social Sciences.)
- a Math above MA103
- an Applied Computer Skills course

Students may not apply any 160/260/360/460 courses with the AS (Astronomy), BI (Biology), CH (Chemistry), CS (Computer Science), ES (Environmental Science), GL (Geology), MA (Mathematics), or PH (Physics) prefix for the Analytical Skills requirement. Students may not count courses taken as part of the Common Core.

SCIENCE REQUIREMENTS

Some degree programs designate which course(s) students must take to fulfill Science requirements in Tier Two of the General Education curriculum. If no such designation exists, students must take courses with the AS (Astronomy), BI (Biology), CH (Chemistry), ES (Environmental Science), GL (Geology), or PH (Physics) prefix or SC101 and SC103 (but no other SC courses unless specified)—excluding courses numbered 160/260/360/460. Students must have met all prerequisites for these courses. Students may not count courses taken as part of the Common Core.

SOCIAL SCIENCES REQUIREMENTS

Some degree programs designate which course(s) students must take to fulfill Social Sciences requirements

in Tier Two of the General Education curriculum. If no such designation exists, students must take courses with the CJ (Criminal Justice), CT (Communication Studies), EC (Economics), HI (History), PS (Political Science), PY (Psychology), or SO (Sociology) prefix—excluding any

Social Science 190/290/390/490, 160/260/360/460, 268/368/468, CT303, CT304, CT305, CT314, CT340, and CT410. Students may not count courses taken as part of the Common Core.

GENERAL DEGREE REQUIREMENTS

REQUIREMENTS FOR A 2ND BACHELOR'S DEGREE

1. Students with a CMU Degree. To be eligible for a second bachelor's degree, a student must complete at least 26 hours in addition to those counted for the first degree. These hours must be earned in courses approved by the Dean of the University, must be taken at Central Methodist University, and must satisfy all the specific course requirements for the second degree.

2. Students with a Bachelor's degree from another institution. To be eligible for a second Bachelor's degree, a student must satisfy all the specific course and degree requirements for the second degree.

CUMULATIVE GPA

In the work offered as a basis for graduation, a student must have attained a "C" average (2.00 on a 4.00 scale) for all courses and for all courses taken in residence. The BSE, the BME, and Missouri teacher certification require a minimum 2.5 cumulative and cumulative residential grade point average, 2.5 GPA in the major, and a 2.5 overall GPA in the Professional Education sequence, and no grade lower than a "C" in the Professional Education sequence. Additional grade point standards and other standards are stated for individual programs.

UPPER-LEVEL (JUNIOR AND SENIOR) COURSES

For bachelor's degrees, at least 36 hours must be in 300-level courses or higher. These are offered primarily for Juniors and Seniors and generally require advanced knowledge. At least 15 hours at the 300-400 level must be in the major field. These may be counted in the 36 upper college hours. Courses taken at the lower-divisional level from either a two-year or four-year institution may meet content requirements to enroll for an upper-division course but do not count as upper-division credit toward the required 36 hours of 300-level coursework.

ACADEMIC MAJORS AND MINORS

All students must have a major field of study and a secondary field of study (either a second major, a minor, or the alternative to the minor). Requirements for the major and minor in each academic field are described in this catalog on each discipline's pages; academic disciplines are listed alphabetically.

Academic Majors. Central Methodist University believes that every person with a college education should have one or more areas of both in-depth and extensive knowledge. The academic major insures that all graduates have one or more widely recognized fields of study in which they can function at a sophisticated, advanced level. Students choose a degree program, and within it they choose an academic major. Within the major field, students again have both some freedom of course selection as well as a structure of requirements to fulfill.

All BA and BS degrees require the completion of one of the following: (a) a major and a minor, (b) a double major, or (c) a major and at least 18 hours outside of the department of their major and in addition to the General Education Common Core requirements.

For the BA and BS degrees, **majors** require at least 27 hours, and they may not require more than 40 hours in the discipline named as the major. Students may, however, elect courses beyond the 40 hours required in the major field. All undergraduate degrees other than the BA and BS require a major with at least 27 hours, but the major is not limited to 40 hours.

If selecting a **double major**, students must complete degree plans for both programs and must complete all requirements for each major. At least 27 hours of coursework in each major must be distinct from the other major. That is, at least 27 semester hours in each major cannot be counted in the courses which satisfy the other major.

Academic Minors. Degree programs must include a significant secondary field of study (at least 17 hours) or a set of corollary courses (at least 17 hours) in addition to the major and the General Education Common Core program. To fulfill this requirement, students have the following options:

- a. Select a **second major** (see “double major” above).
- b. Select an **academic minor** from a number of fields on the basis of further support for the major or personal interest. Minors require at least 17 hours. Students must submit at least 44 distinct semester hours in the major and minor combined.
- c. Select an **alternative to the minor**— a set of courses (at least 17 hours from outside their major department and in addition to the General Education Common Core requirements) that would enhance their educational experience.

Students should select one of these options in consultation with their advisors. Some degree programs provide an alternative to the minor in assuring a secondary field or fields of significant study.

ELECTIVES—AS PROVIDED BY EACH DEGREE PROGRAM

As a part of every college education, students should explore areas of interest beyond what is required of them. These interests, formally pursued in college courses, may form the basis for continued learning throughout life. Formal college education should support and encourage such continued, informal learning.

LIMITATIONS

A maximum of 21 hours in Education— and a maximum of 14 hours in any combination of applied music, physical education theory, and military science courses which have been approved by the faculty—may be applied toward the BA degree. No more than four activity courses in Physical Education may be applied toward any degree.

RESIDENCE

Candidates for a baccalaureate degree must complete at least 30 of the last 36 hours of credit in residence at Central Methodist University. Exceptions to this residence requirement may be made in the case of military veterans whose programs of study have been approved by the Dean of the University. For extraordinary circumstances, students may petition the Extended Studies Committee. A candidate for the Associate’s degree must earn the last 24 hours of credit in residence at Central Methodist University.

ASSESSMENT

In order to assure the continuing improvement of its educational programs, the College of Graduate and Extended Studies has a “Program to Assess Student Academic Achievement.” All students and faculty are involved in this program through various tests, class assignments, surveys, etc. conducted throughout the undergraduate program. This program seeks to measure student learning in general education and the major fields of study. The results of this ongoing study of student learning are used for continuing improvement of the curriculum and instruction.

ENGLISH USAGE

Each student must demonstrate proficiency in written and spoken English before receiving a degree. This may be accomplished by receiving a passing grade in either EN305 or EN306. Those who have successfully completed six hours in composition before entering CMU will receive credit for EN110/EN111 and must still take and pass EN305 or EN306. For spoken English, students must either successfully complete a proficiency examination, pass CT101, or transfer in an equivalent course.

SPECIAL COURSES, PROGRAMS, & EDUCATIONAL OPPORTUNITIES

Special Problems Courses 1-5 hours. Offered by most departments and numbered 260, 360, or 460 depending on the level of study expected, Special Problems courses consist of a program of independent study or research on a topic of special interest to an individual student. Each course is designed to study topics either not covered or treated only briefly in other courses in the curriculum. A written course proposal or abstract adequately describing the project must be prepared by the student and approved by the supervising instructor, the regional site coordinator, and the academic advisor, prior to the regular period for registration. Special Problems may be repeated for credit. Prerequisite: Written approval by those named above.

Special Topics Courses 1-5 Hours. Offered by most departments and numbered 190, 290, 390, or 490 depending on the level of study expected, Special Topics courses will be offered from time to time on topics of importance in the discipline, which are not covered, or treated only briefly, in other courses in the curriculum. It may cover topics of special interest to an instructor and a particular group of students, or it may be an experimental course being considered for addition to the curriculum. Special Topics may be repeated for credit for different topics. (After two course offerings on the same topic, departments will request that the course be added to the curriculum.)

Prerequisites: Those specified by the instructor in the course schedule.

Internships and Field Experiences are available in most departments with varying hours of credit depending on the design of the learning experience. They are all numbered as either 268, 368, or 468. Each internship is individually arranged by the student, a supervising instructor who assigns the final grade, and a supervisor/instructor on the site of the internship experience. Students complete a separate registration form describing the learning experience. This form must be signed and approved by the student, supervising instructor, regional site coordinator, and Dean of the University prior to registration for the Internship course.

STUDY ABROAD

Students wishing to study abroad for credit should consult Dr. Jack Healy, Associate Dean, for assistance in selecting a program. Generally, students should begin planning study abroad at least one year prior to leaving the country for studies. Before studying abroad, students must consult with Dr. Healy and with the Office of the Registrar to determine whether the students' planned courses will transfer to CMU for credit.

ACCOUNTING

The Division of Accounting, Business, and Economics offers an Accounting program that is consistent with the mission statement of Central Methodist University by providing professional preparation in Accounting and Business and by promoting lifelong learning and social responsibility. Within the program, students develop technical, interpersonal, and communication skills.

A Business approach to Accounting is used at CMU to emphasize the way businesses operate. Students are better prepared to enter not only accounting but also related fields. Accounting information is useful in such diverse areas as financial planning, health care, communications, law,

engineering, forensics, actuarial science, and the fine arts. The degree in Accounting will prepare the student for graduate school in a number of disciplines.

Certifications which students may be able to pursue after an approved course of study would include Certified Public Accountant (CPA), Certified Managerial Accountant (CMA), Certified Internal Auditor (CIA), Certified Fraud Examiner (CFE), Certified Financial Planner (CFP), and Actuary.

Requirements for these certifications will vary. For detailed information on certification requirements, contact the sponsoring organizations and the Division.

BACHELOR OF ACCOUNTANCY (BACC)—MIN. 124 HOURS

NOTE: Students applying to graduate school or for certification usually have 130 to 150 hours at graduation including 6-15 additional hours of General Education.

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Course from General Education: EC201 Macroeconomics (3) OR EC202 Microeconomics (3)

② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (12 HOURS)

Statistics	3 hours
Applied Computer Skills: BU225 Computer Applications in Business (3)	3 hours
Ethics: PL306 Ethics and the Professions (3)	3 hours
Economics: EC201 Macroeconomics <u>OR</u> EC202 Microeconomics, whichever not taken in Common Core.	3 hours

③ PROFESSIONAL PROGRAM IN ACCOUNTING (54 HOURS):

A minimum grade of "C" is required in all courses labeled AC.

AC201 Accounting Principles I (3)	AC430 Auditing (3)
AC202 Accounting Principles II (3)	AC480 Accounting Major Readings (3)
AC301 Intermediate Accounting I (3)	BU341 Business Law Contracts (3)
AC305 Intermediate Accounting II (3)	BU342 Business Law Commercial (3)
AC313 Fraud Examination (3)	EC3XX Economics Elective (3)
AC320 Cost Accounting (3)	FB351 Business Finance (3)
AC340 Income Tax (3)	MG354 Principles of Management (3)
AC350 Governmental and NFP Accounting (3)	MG477 Production Operations Management (3)
AC370 Information Systems (3)	MK330 Marketing (3)

④ ELECTIVES (TO COMPLETE MIN. 124 HOURS)

ACCOUNTING MINOR—18 HOURS

REQUIRED COURSES:

- AC201 Principles of Accounting I (3)
- AC202 Principles of Accounting II (3)

ELECTIVES: FOUR (4) FROM THE FOLLOWING (ONE [1] MUST BE AN ACCOUNTING COURSE):

- AC301 Intermediate Accounting I (3)
- AC313 Fraud Examination (3)
- AC320 Cost Accounting (3)
- AC340 Income Tax (3)
- AC350 Governmental & NFP Accounting (3)
- BU341 Business Law Contracts (3)
- ET375 Small Business Management (3)

For Business majors, an Accounting minor requires 18 semester hours in Accounting. Nine (9) semester hours counted toward the major may be applied toward the minor.

AS, Concentration in Accounting—min. 62 hrs.

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.	
FOUNDATIONS	11.5-18 HOURS
CMU101/102	1.5-2 hours
Wellness	1 hour
Freshman Writing	3 hours (6 hours if taking EN110 & EN111)
Oral Communications	3 hours
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE	13 HOURS
Religion	3 hours
Social Science with Constitution	3 hours
Leadership	1 hour
Literature	3 hours
Valuing or Social Science: EC201 Macroeconomics (3) OR EC202 Microeconomics (3)	3 hours
EXPLORING THE NATURE OF THE UNIVERSE	4 HOURS
Science with Lab	4 hours
② CONCENTRATION IN ACCOUNTING (18 HOURS)	
AC201 Principles of Accounting I (3)	ELECTIVES: Selected from Accounting (9) Selected from Business and Economics (3)
AC202 Principles of Accounting II (3)	
③ ELECTIVES (TO COMPLETE MIN. 62 HOURS)	

BIOLOGY

This major prepares students for graduate school in the biological sciences. It also prepares students to enter any of the professional fields related to medicine, teaching, and other areas including economic, industrial, and applied biology. Opportunities include marine biology, environmental studies, genetics, physiology, botany,

zoology, microbiology, cellular biology, developmental biology, molecular biology, biochemistry, ecology, and entomology, to name a few graduate study specialties. The student has the option of graduating with a Bachelor of Science degree or with a Bachelor of Arts degree.

BA OR BS, BIOLOGY MAJOR—min. 124 hrs.

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Course from General Education: BI101 General Biology (4)

② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts:

- When choosing a Humanities course, see page 44 for guidelines.
- When choosing a Fine Arts course, see page 43 for guidelines.

• 9 hours (BA)

• 6 hours (BS)

Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.

• 3 hours (BA)

• 6 hours (BS)

Science: See page 44 for guidelines.

3-4 hours

BA Foreign Language (a single language)

6-8 hours

BS Analytical Skills: See page 44 for guidelines.

③ BIOLOGY MAJOR REQUIREMENTS (32 HOURS): *At least 15 Biology credit hours must be at or above 300 level.*

REQUIRED BIOLOGY COURSES (9 HOURS)

BI102 General Biology (4)

SC225 Interdisciplinary Science Seminar (1)

SC425 Interdisciplinary Science Seminar (1)

ONE (1) CAPSTONE EXPERIENCE (3):

BI460 Special Problems (3) (Capstone)

BI464 Undergraduate Research(3) (Capstone)

BI468 Internship and Field Experiences (3)
(Capstone)

AT LEAST FIVE (5) FROM THE FOLLOWING (23 HOURS):

BI107 Human Anatomy (4)

BI205 General Physiology (5)

BI206 Invertebrate Zoology/Parasitology (4)

BI300 Ornithology (3)

BI301 Ecology (4)

BI302 Botany (3)

BI304 Mammalogy (3)

BI305 Microbiology (4)

BI306 Genetics (4)

BI307 Comparative Animal Behavior (4)

BI309 Histology (4)

BI311 Conservation Bio./Natural Res. Management (3)

BI315 Immunology (3)

BI317 Biochemistry and Cellular & Physiology (5)

BI318 Toxicology and Environmental Medicine (3)

BI320 Molecular and Cellular Biology (5)

BI380 Major Readings (3)

SUPPORTING COURSEWORK: Biology majors should have a broad educational background, especially in math and science. Students will be able to select individual courses that best meet their goals and satisfy degree requirements, but the following represent general recommendations for a solid Biology degree. It is important for Biology majors to have at least two general Chemistry courses (CH111/114), and two Organic Chemistry courses (CH341/342) are encouraged. Math skills are important for biologists, and courses in College Algebra, Trigonometry, Statistics, and Calculus (MA103/104/105/118) are recommended. At least one Physics course is recommended (PH111), and any additional science courses would be helpful (AS101/102, GL101/102).

④ ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BSE, MIDDLE SCHOOL CERTIFICATION WITH A CONCENTRATION IN SCIENCE— min. 124 hrs.

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- Physical Science with a laboratory (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19 HOURS)

Fine Arts or Humanities:

- When choosing a Fine Arts course, see page 43 for guidelines.
- When choosing a Humanities course, see page 44 for guidelines.

3 hours

Social Sciences: EC122 Economics for Educators (3) **AND** HI205 World Geography (3) are recommended.

6 hours

Additional Science with Lab: Biological Science w/ lab (4)

4 hours

MA224 Mathematics for Elementary and Middle School Teachers (4)

4 hours

ED122 Education Technology

2 hours

3 PROFESSIONAL EDUCATION (24 HOURS)

ED101 Introduction to Teaching (2)

PY210 Educational Psychology (3)

ED102 Introduction to Teaching Practicum (1)

PY223 Developmental Psychology (3)

ED453 General Methods of Teaching (4)

PY342 Psychology of the Exceptional Child (2)

ED462 Student Teaching (8)

PY343 Psych. of the Exceptional Child Practicum (1)

4 MIDDLE SCHOOL GRADES 5-9 CERTIFICATION REQUIREMENTS (13-15 HOURS)

ED313 Classroom and Behavior Management in the Middle and Secondary Classroom (3)

SELECT ED318/319 OR ED471:

ED318 Reading Assessment and Instruction (3)

ED314 History / Philosophy of Middle-Level Educ. (3)

ED319 Reading Assess./Instruction Practicum (1)

ED320 Teaching Reading/Writing in Middle School (3)

ED471 Teaching Reading in Secondary School (2)

SPECIAL TEACHING METHODS:

ED 370SC The Teaching of Science in High School and Middle School (2)

5 SCIENCE SUBJECT AREA REQUIREMENTS (19 ADDITIONAL HOURS): Minimum of 19 additional Science hours (beyond Common Core and Tier Two requirements) chosen in consultation with the advisor

6 MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BIOLOGY MINOR—18 HOURS

Introductory biology course, with lab (3-5)

Additional Courses in Biology (13-15)

BUSINESS

The Division of Accounting, Business, and Economics offers a progressive Business program, which combines professional preparation with a liberal arts education. The purpose of this program is to develop the important personal characteristics of confidence in oneself, ability to work with others, written and oral

communication skills, technical competence, mathematical skills, moral awareness, and ethical values. The major in Business will prepare the student for graduate school (MBA or Law) or for a career in industry, entrepreneurship, or public service.

BA OR BS, BUSINESS MAJOR—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- EC201 Macroeconomics (3)
- MA105 Elementary Statistics (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	• 9 hours (BA)	• 6 hours (BS)
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): Must include EC202 Microeconomics (3).	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language)		6-8 hours
BS Analytical Skills: See page 45 for guidelines. Must include BU225 Computer Applications in Business (3) [<i>students may need CS121 (1)</i>].		

3 BUSINESS MAJOR—BUSINESS COMMON CORE (21 HOURS)

AC201 Principles of Accounting I (3)	BU480 Major Readings (Capstone) (3)
AC202 Principles of Accounting II (3)	MG354 Principles of Management (3)
BU110 Introduction to Business (3)	MK330 Marketing (3)
BU341 Business Law Contracts (3)	

4 BUSINESS MAJOR—AREA OF CONCENTRATION (18 HOURS): Each of the following areas of concentration (next page) consists of 18 hours of course work. Each area has some required courses and some electives which can be chosen from a given group of courses. Some of the electives may be from outside the Division of Accounting, Business, and Economics.

MANAGEMENT (18 HOURS)	MARKETING & ADVERTISING (18 HOURS)
<p>EC3xx Economics Elective (3) ET375 Small Business Management (3) FB351 Business Finance (3) MG356 Human Resource Management (3) MG477 Production/Operations Management (3)</p> <p>ONE (1) FROM THE FOLLOWING:</p> <p>AC313 Fraud Examination (3) BU268 Internship (3) BU342 Business Law Commercial (3) BU368 Internship (3) MG365 Organizational Theory (3) MK339 Sales Management (3) MK366 Advertising (3)</p>	<p>MK339 Sales Management (3) MK366 Advertising (3) MK378 Marketing Research (3) MK430 Strategic Marketing (3)</p> <p>TWO (2) FROM THE FOLLOWING:</p> <p>BU268 Internship (3) BU228 Electronic Commerce (3) BU368 Internship (3) BU390 Special Topics (1-3) CT201 Introduction to Public Relations (3) CT230 Introduction to Mass Communication (3) CT303 Nonlinear Video Editing (3) CT304 Sports Media Production (3) CT305 Radio and Digital Audio Production (3) CT314 Journalism and Desktop Publishing (3) CT330 Communication in the Business World (3) CT345 Group & Org. Communication (3) PY324 Social Psychology (3) (<i>PY101 or SO101 prerequisite</i>)</p>
GENERAL BUSINESS (18 HOURS)	BANKING AND FINANCE (18 HOURS)
<p>ET375 Small Business Management (3)</p> <p>ONE (1) FROM THE FOLLOWING:</p> <p>MK339 Sales Management (3) MK366 Advertising (3)</p> <p>FOUR (4) FROM THE FOLLOWING:</p> <p>AC313 Fraud Examination (3) BU228 Electronic Commerce (3) BU268 Internship (3) BU342 Business Law Commercial (3) BU368 Internship (3) FB345 Investment Analysis (3) FB351 Business Finance (3) MG356 Human Resource Management (3) MG365 Organizational Theory (3)</p>	<p>AC340 Income Tax (3) BU342 Business Law Commercial (3) EC311 Money, Credit, and Banking (3) FB345 Investments Analysis (3) FB351 Business Finance (3)</p> <p>ONE (1) FROM THE FOLLOWING:</p> <p>AC313 Fraud Examination (3) EC316 Intermediate Macroeconomics (3) EC347 International Economics (3)</p>

ENTREPRENEURSHIP (18 HOURS)	INTERNATIONAL BUSINESS (18 HOURS)
<p>BU342 Business Law Commercial (3) ET375 Small Business Management (3) ET475 Entrepreneurship (3) MK339 Sales Management (3)</p> <p>ONE (1) FROM THE FOLLOWING:</p> <p>MK366 Advertising (3) MK378 Marketing Research (3) MK430 Strategic Marketing (3)</p> <p>ONE (1) FROM THE FOLLOWING:</p> <p>AC313 Fraud Examination (3) BU228 Electronic Commerce (3) EC311 Money, Credit, and Banking (3) EC314 Managerial Economics (3) FB351 Business Finance (3) IB376 International Business (3)</p>	<p><i>Students with this concentration will have a foreign language as their minor or complete an interdisciplinary minor in two languages. A student may be able to demonstrate fluency in at least one foreign language in place of the minors.</i></p> <p>BU228 Electronic Commerce (3) BU342 Business Law II-Commercial (3) EC347 International Economics (3) IB376 International Business (3)</p> <p>TWO (2) FROM THE FOLLOWING:</p> <p>BU268 Internship (3) BU368 Internship (3) FB351 Business Finance (3) MG477 Production/Operations Management (3) MK339 Sales Management (3) MK366 Advertising (3)</p>
<p>5 MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)</p>	
<p>Recommendations: A student who is considering graduate school should complete one of the following:</p> <ul style="list-style-type: none"> • MA112 Selected Topics in Calculus (3) • MA118 Calculus/Analytical Geometry (5) <p>The following course will meet general education requirements and will complement the Business Major:</p> <ul style="list-style-type: none"> • PL306 Ethics and the Professions (3) 	

BA OR BS, BUSINESS MAJOR COMBINED WITH CERTIFICATION TO TEACH BUSINESS AT THE SECONDARY LEVEL—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- MA105 Elementary Statistics (3)
- Physical Science with a laboratory (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts:	• 9 hours (BA)	• 6 hours (BS)
<ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 		
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines. Must take EC201 Macroeconomics (3) AND EC202 Microeconomics (3).	• 3 hours (BA)	• 6 hours (BS)
Science: Biological Science w/ lab (4)		4 hours
BA Foreign Language (a single language) BS Analytical Skills: See page 45 for guidelines. Must include BU225 Computer Applications in Business (3) and ED122 Education Technology (2).		6-8 hours

3 BUSINESS MAJOR—BUSINESS COMMON CORE (21 HOURS)

AC201 Principles of Accounting I (3)	BU341 Business Law Contracts (3)
AC202 Principles of Accounting II (3)	BU480 Major Readings (Capstone) (3)
BU110 Introduction to Business (3)	MG354 Principles of Management (3)
	MK330 Marketing (3)

4 BUSINESS EDUCATION REQUIREMENTS (18 HOURS)

BU225 Computer Applications in Business (3) [<i>students may need CS121 (1)</i> —if not taken as part of Tier Two above	CT214 Webpage Design (3)
BU228 Electronic Commerce (3)	MG370 Information Systems (3)
BU342 Business Law Commercial (3)	300-level Elective from AC, BU, or EC (3)

5 PROFESSIONAL EDUCATION COURSE REQUIREMENTS (31-33 HOURS)

ED101 Introduction to Teaching (2)	ED462 Supervised Student Teaching (Capstone) (8)
ED102 Introduction to Teaching Practicum (1)	ED471 Teaching Reading in the Secondary School (2)
ED122 Educ. Technology (2) [if not taken in Tier Two]	PY210 Educational Psychology (3)
ED340 Implementing Business Education Programs (3)	PY223 Developmental Psychology (3)
ED370BU The Teaching of Business Ed. in H.S. (2)	PY342 Psychology of the Exceptional Child (2)
ED453 General Methods Teaching (Capstone) (4)	PY343 Practicum for PY342 (1)

6 ELECTIVES (TO COMPLETE MIN. 124 HRS.)

BACHELOR OF APPLIED SCIENCE IN MANAGEMENT (BASM)—MIN. 124 HOURS

This degree program is designed for and available only to students who transfer to Central Methodist University with an Associate of Science (AS) or Associate of Applied Science (AAS) degree.

- Students with an AS or AAS in Management or a closely related cognate field should consult the Bachelor of Science programs in Business which

will serve as their degree-completion program.

- Students who have taken AAS technical courses in some AAS field but have not completed the AAS degree will be evaluated for this and other degree-completion programs on an individual basis. This degree program requires at least 36 hours of upper-division coursework.

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- EC202 Microeconomics (3)
- EN306 Technical Writing (3)
- MA105 Elementary Statistics (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (12 HOURS)

Statistics	3 hours
Applied Computer Skills: BU225 Computer Applications in Business (3)	3 hours
Ethics: PL306 Ethics and the Professions (3)	3 hours
Economics: EC314 Managerial Economics (3)	3 hours

3 APPLIED SCIENCE IN MANAGEMENT MAJOR REQUIREMENTS (30 HOURS)

AC201 Accounting Principles I (3)	EC201 Macroeconomics (3)
AC202 Accounting Principles II (3)	MG354 Principles of Management (3)
BU/CS/AC/EC Electives (6)	MG356 Human Resources Management (3)
BU341/342 Business Law Contracts or Commercial (3)	MG477 Production & Operation Mgmt (3)
BU480 Major Readings (Capstone) (3)	

4 APPLIED SCIENCE CONCENTRATION (18 OR MORE HOURS): Technical courses transferred from the AAS field of concentration

5 ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BUSINESS MINOR—18 HOURS

AC201 Principles of Accounting I (3)

ONE (1) FROM THE FOLLOWING:

- MG354 Principles of Management (3)
- MK330 Marketing (3)

ONE (1) FROM THE FOLLOWING:

- EC201 Macroeconomics (3)
- EC202 Microeconomics (3)

THREE (3) COURSES FROM THE FOLLOWING DISCIPLINES (9 HOURS):

- Accounting
- Business
- Economics

AA, CONCENTRATION IN BUSINESS—MIN. 62 HOURS	
1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.	
FOUNDATIONS	11.5-18 HOURS
CMU101/102	1.5-2 hours
Wellness	1 hour
Freshman Writing	3 hours (6 hours if taking EN110 & EN111)
Oral Communications	3 hours
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE	13 HOURS
Religion	3 hours
Social Science with Constitution	3 hours
Leadership	1 hour
Literature	3 hours
Valuing or Social Science (CJ, CT, EC, Ethics, HI, PY, PS, Philosophy, or SO): EC201 Macroeconomics (3) OR EN202 Microeconomics (3)	3 hours
EXPLORING THE NATURE OF THE UNIVERSE	4 HOURS
Science with Lab	4 hours
2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (15-16 HOURS)	
Humanities or Fine Arts: <ul style="list-style-type: none"> When choosing a Fine Arts course, see page 43 for guidelines. When choosing a Humanities course, see page 44 for guidelines. 	9 hours
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	3 hours
Science: See page 44 for guidelines.	3-4 hours
3 CONCENTRATION IN BUSINESS (12 HOURS)	
AC201 Principles of Accounting I (3) BU341 Business Law Contracts (3) AC/BU/EC Elective (3)	ONE (1) FROM THE FOLLOWING: BU110 Introduction to Business (3) ET375 Small Business Management (3)
4 ELECTIVES (TO COMPLETE MIN. 62 HOURS)	

AS, CONCENTRATION IN BUSINESS—MIN. 62 HOURS

1 **COMMON CORE:** See page 42 for Common Core requirements for all CMU degrees.

FOUNDATIONS		11.5-18 HOURS
CMU101/102		1.5-2 hours
Wellness		1 hour
Freshman Writing		3 hours (6 hours if taking EN110 & EN111)
Oral Communications		3 hours
Math/Algebra/Statistics		3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE		13 HOURS
Religion		3 hours
Social Science with Constitution		3 hours
Leadership		1 hour
Literature		3 hours
Valuing or Social Science (CJ, CT, EC, Ethics, HI, Philosophy, PS, PY, or SO): EC201 Macro-economics (3) OR EC202 Microeconomics (3)		3 hours
EXPLORING THE NATURE OF THE UNIVERSE		4 HOURS
Science with Lab		4 hours
2 CONCENTRATION IN BUSINESS (24 HOURS)		
AC201 Principles of Accounting I (3)		ONE (1) FROM THE FOLLOWING:
BU341 Business Law Contracts (3)	BU110 Introduction to Business (3)	
AC/BU/EC Electives (15 hours)	ET375 Small Business Management (3)	
3 ELECTIVES (TO COMPLETE MIN. 62 HOURS)		

CHEMISTRY

BSE, MIDDLE SCHOOL CERTIFICATION WITH A CONCENTRATION IN SCIENCE— min. 124 hrs.

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- Physical Science with a laboratory (4)

② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19 HOURS)

Fine Arts or Humanities: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	3 hours
Social Sciences: EC122 Economics for Educators (3) AND HI205 World Geography (3) are recommended.	6 hours
Additional Science with Lab: Biological Science w/ lab (4)	4 hours
MA224 Mathematics for Elementary and Middle School Teachers (4)	4 hours
ED122 Education Technology	2 hours

③ PROFESSIONAL EDUCATION (24 HOURS)

ED101 Introduction to Teaching (2)	PY210 Educational Psychology (3)
ED102 Introduction to Teaching Practicum (1)	PY223 Developmental Psychology (3)
ED453 General Methods of Teaching (4)	PY342 Psychology of the Exceptional Child (2)
ED462 Student Teaching (8)	PY343 Psych. of the Exceptional Child Practicum (1)

④ MIDDLE SCHOOL GRADES 5-9 CERTIFICATION REQUIREMENTS (13-15 HOURS)

ED313 Classroom and Behavior Management in the Middle and Secondary Classroom (3)	<i>SELECT ED318/319 OR ED471:</i>
ED314 History / Philosophy of Middle-Level Educ. (3)	ED318 Reading Assessment and Instruction (3)
ED320 Teaching Reading/Writing in Middle School (3)	ED319 Reading Assess./Instruction Practicum (1)
	ED471 Teaching Reading in Secondary School (2)

SPECIAL TEACHING METHODS:

ED 370SC The Teaching of Science in High School and Middle School (2)

⑤ SCIENCE SUBJECT AREA REQUIREMENTS (19 ADDITIONAL HOURS): Minimum of 19 additional Science hours (beyond Common Core and Tier Two requirements) chosen in consultation with the advisor

⑥ MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

CHEMISTRY MINOR—20 HOURS

A minor in Chemistry consists of any 20 hours of Chemistry course work.

CHILD DEVELOPMENT

The Bachelor of Science with a major in Child Development is offered for students who are interested in a career in early childhood settings that do not require public school certification. Students will participate in general education and early childhood courses. These courses will provide

students with a background to establish, manage, and evaluate their own day care centers. Students will receive the knowledge and background for a career in commercial and/or non-profit childcare initiatives including Head Start Programs and other child care agencies.

BS, CHILD DEVELOPMENT MAJOR—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Recommended Common Core course: PY101 General Psychology (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	6 hours
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines. <ul style="list-style-type: none"> • Must include PY210 Educational Psychology (3) if PY101 General Psychology (3) not taken as part of the Common Core (above). • Must include PY223 Developmental Psychology (3). 	6 hours
Science: See page 44 for guidelines.	3-4 hours
Analytical Skills: See page 45 for guidelines.	6-8 hours

3 CHILD DEVELOPMENT MAJOR REQUIREMENTS (36 HOURS)

AH364 Child Health (2)	ED327 Creative Arts (3)
ED101 Introduction to Teaching (2)	ED330 Curriculum Methods (2) (Capstone)
ED103 Child Development (2)	ED331 Curriculum Methods Practicum (1)
ED204 Util. Fam. And Comm. Resources (3)	ED332 Screening & Diagnosis (2)
ED206 Infant Toddler Curriculum (2)	ED333 Screening & Diagnosis Practicum (1)
ED207 Infant Toddler Practicum (2)	ED334 Early Childhood Practicum (2) (Capstone)
ED308 Administration of EC Programs (3) (Capstone)	ED337 Curriculum Development (2)
ED315 Reading/Writing for Young Children (4)	
ED326 Children's Literature (3)	

4 MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

CHILD DEVELOPMENT MINOR—18 HOURS

AH364 Child Health (2)	ED308 Admin. of Early Childhood Programs (3)
ED101 Introduction to Teaching (2)	ED330 Curriculum Methods and Materials (2)
ED102 Introduction to Teaching Practicum (1)	ED331 Curriculum Methods Practicum (1)
ED103 Child Development (2)	ED337 Curriculum Development (2)
ED204 Utilizing Family & Community Resources (3)	

COMPUTER SCIENCE

This major combines professional preparation with a liberal education. A student completing this major is qualified for employment in business or industry in entry-level positions requiring application programming, working knowledge of computing systems, and use of commercial software packages.

The student has the option of graduating with a Bachelor of Science degree or with a Bachelor of Arts degree. Additionally, graduates will possess a solid foundation for success in a graduate program in Computer Science.

BA OR BS, COMPUTER SCIENCE MAJOR— min. 124 hrs.

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> When choosing a Fine Arts course, see page 43 for guidelines. When choosing a Humanities course, see page 44 for guidelines. 	• 9 hours (BA)	• 6 hours (BS)
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language) BS Analytical Skills: See page 45 for guidelines.		6-8 hours

3 COMPUTER SCIENCE MAJOR REQUIREMENTS (35 HOURS)

CS172 .NET I (formerly Structured Programming I) (4)	TWO (2) FROM THE FOLLOWING:
CS271 .NET II (4)	
CS321 Computer Architecture (5)	CS214 Web Page Design (3)
CS362 Database Systems and SQL (3)	CS216 Web Programming (3)
CS363 Networking (4)	CS231 Scientific Computer Programming (3)
CS371 Concepts of MIS (3)	CS375 Game Programming (3)
CS480 Senior Thesis (3)	MA107 Discrete Math (3)
RELATED WORK IN STATISTICS AND SYMBOLIC LOGIC IS ALSO STRONGLY RECOMMENDED.	
ONE (1) FROM THE FOLLOWING:	
CS236 Programming in Visual Basic (3)	
CS237 Programming with Java (3)	
CS272 Survey of Programming Languages (3)	

4 MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

COMPUTER SCIENCE MINOR—17 hrs.

CS172 .NET I (formerly Structured Programming I) (4)
Thirteen (13) hours in Computer Science

AS, CONCENTRATION IN COMPUTER SCIENCE— min. 62 hrs.	
① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.	
FOUNDATIONS	11.5-18 HOURS
CMU101/102	1.5-2 hours
Wellness	1 hour
Freshman Writing	3 (6 hours if taking EN110 & EN111)
Oral Communications	3 hours
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE	13 HOURS
Religion	3 hours
Social Science with Constitution	3 hours
Leadership	1 hour
Literature	3 hours
Valuing or Social Science (CJ, CT, EC, Ethics, HI, Philosophy, PS, PY, or SO)	3 hours
EXPLORING THE NATURE OF THE UNIVERSE	4 HOURS
Science with Lab	4 hours
② CONCENTRATION IN COMPUTER SCIENCE (22 HOURS)	
CS172 .NET I (formerly Structured Programming I) (4)	ONE (1) FROM THE FOLLOWING:
CS271 .NET II (4)	
CS321 Computer Architecture (5)	
CS362 Database Systems and SQL (3)	
	CS231 Scientific Computer Programming (3)
	CS236 Programming in Visual Basic (3)
	CS237 Programming with Java (3)
	CS272 Survey of Programming Languages (3)
ONE (1) FROM THE FOLLOWING:	
MA105 Elementary Statistics (3)	
MA107 Discrete Mathematics (3)	
③ ELECTIVES (TO COMPLETE MIN. 62 HOURS)	

CRIMINAL JUSTICE

The Bachelor’s degree program in Criminal Justice is designed to prepare students for careers in law enforcement, criminal justice administration, and corrections management. In addition to these professional objectives, the program is also intended to prepare the student for graduate school or law

school. Criminal Justice majors may earn either a Bachelor of Arts or a Bachelor of Science degree. As a requirement for graduation, all Criminal Justice majors must sit for a nationally normed exit examination in the final semester of their coursework.

BA OR BS, CRIMINAL JUSTICE MAJOR—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Recommended Courses from General Education: MA105 Elementary Statistics (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> When choosing a Fine Arts course, see page 43 for guidelines. When choosing a Humanities course, see page 44 for guidelines. 	• 9 hours (BA)	• 6 hours (BS)
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language) BS Analytical Skills: See page 45 for guidelines. Must include CJ331 Research Design and Data Analysis in the Social Sciences (3). Student may need to take MA105 Elementary Statistics (3) if not taken in the Common Core above.		6-8 hours

3 CRIMINAL JUSTICE MAJOR REQUIREMENTS (27 HOURS)

CJ100 Introduction to Criminal Justice (3)	ONE (1) FROM THE FOLLOWING:	CJ314 Social Deviance (3)
CJ202 Criminal Law (3)		CJ315 Criminology (3)
CJ270 Criminal Procedure (3)		
CJ301 Constitutional Aspects of Criminal Justice (3)		
CJ480 Senior Thesis (3) (Capstone)		
GUIDED ELECTIVES IN CRIMINAL JUSTICE (9 HOURS) SELECTED FROM THE FOLLOWING:		
AC313 Fraud Examination (3)	CJ304 Capital Punishment (3)	
CJ201 Police Organization and Management (3)	CJ306 Serial Crime and Profiling (3)	
CJ203 History of Corrections & Penal Institutions (3)	CJ308 American Constitutional Law (3)	
CJ204 Global Crime (3)	CJ309 Law in American Society (3)	
CJ206 Crime Investigation I (3)	CJ320 Women in Crime (3)	
CJ260/360 Special Problems in Criminal Justice (3)	CJ330 Principles of Public Administration (3)	
CJ268/368 Internship in Criminal Justice (3)	CJ350 Policing in a Democracy (3)	
CJ290/390 Special Topics in Criminal Justice (3)		

4 MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

CRIMINAL JUSTICE MINOR—18 HOURS

- CJ100 Introduction to Criminal Justice (3)
- CJ202 Criminal Law (3)
- CJ270 Criminal Procedure (3)
- CJ301 Constitutional Aspects of Criminal Justice (3)
- Electives in Criminal Justice (6)

APPLIED LAW ENFORCEMENT MINOR—17 TO 24 HOURS

Note: Students must be Criminal Justice Majors in order to have a minor in Applied Law Enforcement. Applied law enforcement hours that do not meet the standard norm for contact hours, 42-45 hours for one hour of credit, will not be accepted in transfer.

The Applied Law Enforcement minor consists of 17 to 24 hours of coursework in applied law enforcement including criminal investigation; victimology; corrections procedures; juvenile justice procedures; police operations; and probation and parole procedures. To earn the BS in Criminal Justice, transfer students with AS or AAS degrees from designated institutions must fulfill all Central Methodist University's General Education requirements and all the specific requirements of CMU's Criminal Justice major.

ECONOMICS

ECONOMICS MINOR—18 HOURS

18 semester-hours are required in Economics. Business majors may apply a maximum of 9 semester-hours in Economics from their major field requirements toward a minor in Economics.

EDUCATION

The following Central Methodist University programs of study have been approved by the Missouri Department of Elementary and Secondary Education (DESE). Students who satisfactorily complete the programs of study and other degree requirements may be recommended to the Missouri Department of Elementary and Secondary Education (DESE) for educator certification.

CERTIFICATION AREA (GRADE LEVEL)

EARLY CHILDHOOD (Birth-Grade 3)

ELEMENTARY (1-6)

MIDDLE SCHOOL (5-9)

- Language Arts
- Mathematics
- Science
- Social Science

SECONDARY (9-12)

- Business
- Mathematics

K-12

- Music Education
- Special Education: Mild-Moderate Disabilities

It is important for all students who intend to pursue educator certification to examine certification standards and program of study requirements. Students should confer with their academic advisors and plan each semester of their programs. The lack of careful planning or late decision to enter the Educator Preparation Program may result in extended study.

Students who intend to prepare for educator certification will be fully admitted to the program when they have passed all parts of the C-BASE and have earned 60 hours with a 2.5 GPA. Information about these requirements will be distributed to students enrolled in ED101 Introduction to Teaching. Students who transfer credit in a course evaluated as equivalent to ED101 should consult with the regional site's Director of Professional Education (or Site Coordinator) within their first semester of attendance to determine their status in the Educator Preparation Program.

Students must pass all parts of the C-BASE by the time they reach Junior standing (60 hours). Many Junior-level courses require the C-BASE: ED303, ED318, ED324, ED369MU, ED370 (all sections), ED462, ED471.

Educator Preparation candidates participate in selected professional education courses and student teaching experiences. Students must meet certain requirements before they will be allowed to register

for ED453, ED461, ED462, or ED463. The requirements are:

- (a) passing scores of 235 (or more) on all subsections of the College Basic Academic Subjects Examination (C-BASE), within a two-year period,
- (b) required minimum GPAs: 2.5 GPA overall, 2.5 in the certificate subject area, and 2.5 in professional education courses with no grade lower than a "C,"
- (c) registration or completion of courses in the professional education sequence and
- (d) incorporation of appropriate components of demonstrations, observations, mini-teaching, and/or development into the pre-service portfolio.

Students cannot register for any other courses concurrently with ED462 without written permission from the Chair of the Division of Professional Education.

For initial certification, candidates must also receive a passing score on the appropriate Praxis II examination for their certification area.

Professionalism and Ethical Behavior.

Students working toward educator certification must act and dress in a professional manner when visiting or working in the classrooms of our public and

private school partners. All educator preparation students will be involved in two different levels of security check processes. The first level (Freshman, Sophomore, Junior) involves security checks with the Missouri State Highway Patrol, the Missouri Division of Family Services, and the Missouri Sex Registry. Prior to student teaching, students must undergo an

FBI Fingerprint Screen as well as the security checks previously mentioned. An arrest or conviction may disqualify a candidate for certification. The Department of Elementary and Secondary Education (DESE) has the authority to refuse to issue a certificate.

BSE, CERTIFICATION—MIN. 124 HOURS

Early Childhood Education—See page 67.

Elementary Education—See page 68.

Middle School

- ♦ Language Arts (page 70)
- ♦ Mathematics (page 80)
- ♦ Science (pages 51 and 59)
- ♦ Social Science (page 72)

Secondary School: Students seeking secondary certification in Business and Math must complete a major in the area of certification with a Bachelor of Arts or a Bachelor of Science degree with a Minor in Education. For the BA/BS in Business Education, see page 55. For the BA/BS in Mathematics Education, see page 79.

Special Education: Mild-Moderate Disabilities K-12—See page 97.

Music Education—See page 82.

BSE, EARLY CHILDHOOD CERTIFICATION, BIRTH-GRADE 3—MIN. 126 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- MA224 Mathematics for Elementary and Middle School Teachers (4)
- Physical Science with a laboratory (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (9 HOURS)

Humanities or Fine Arts: AR186, AR188, MU188, or TA103	3 hours
Additional Science with Lab: Biological Science w/ lab (4)	4 hours
ED122 Education Technology	2 hours

3 PROFESSIONAL EDUCATION (25-28 HOURS)

ED101 Introduction to Teaching (2)	ONE (1) FROM THE FOLLOWING:
ED102 Introduction to Teaching Practicum (1)	
ED461 Early Childhood Student Teaching (5)	ED452 Gen. Methods Early Childhood Teaching (1)
ED462 Student Teaching (8)	<u>OR</u> ED453 General Methods of Teaching (4)
PY210 Educational Psychology (3)	
PY223 Developmental Psychology (3)	
PY342 Psychology of the Exceptional Child (2)	

4 EARLY CHILDHOOD CERTIFICATION BIRTH—GRADE 3 (48 HOURS)

AH364 Child Health (2)	ED324 Methods of Teaching Mathematics in Elementary/Middle School (3)
ED103 Child Development (2)	ED326 Children’s Literature (3)
ED204 Utilizing Family and Comm. Resources (3)	ED327 Creative Arts (3)
ED206 Infant/Toddler Curriculum Methods and Materials (2)	ED329 Emergent Language (2)
ED207 Infant/Toddler Curriculum Methods and Materials Practicum (2)	ED330 Curriculum Methods and Materials in Early Childhood Education (2)
ED303 Methods & Materials for Teaching Content Classes (3)	ED331 Curriculum Methods and Materials in Early Childhood Education Practicum (1)
ED304 Methods & Materials for Teaching Content Classes Practicum (1)	ED332 Screening, Diagnosis, and Planning Instruction (2)
ED308 Organization & Administration of Early Childhood Programs (Capstone) (3)	ED333 Screening, Diagnosis, and Planning Instruction Practicum (1)
ED315 Reading and Writing with Young Children (4)	ED337 Curriculum Development (2)
ED318 Reading Assessment and Instruction(3)	PY321 Family Relationships and Values (3)
ED319 Reading Practicum (1)	

5 ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BSE, ELEMENTARY (GRADES 1-6) CERTIFICATION—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Course from General Education:

- Physical Science with a laboratory (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19 HOURS)

Humanities or Fine Arts: AR186, AR188, or MU188	3 hours
Social Sciences: EC122 Economics for Educators (3) AND HI205 World Geography (3)	6 hours
Additional Science with Lab: Biological Science w/ lab (4)	4 hours
MA224 Mathematics for Elementary and Middle School Teachers (4)	4 hours
ED122 Education Technology	2 hours

3 PROFESSIONAL EDUCATION (23 HOURS)

ED101 Introduction to Teaching (2)	PY210 Educational Psychology (3)
ED102 Introduction to Teaching Practicum (1)	PY223 Developmental Psychology (3)
ED453 General Methods of Teaching (4)	PY342 Psychology of the Exceptional Child (2)
ED462 Student Teaching (8)	

4 ELEMENTARY 1-6 CERTIFICATION REQUIREMENTS (33 HOURS)

AH364 Child Health (2)	ED320 Teaching Reading/Writing in Middle School (3)
ED103 Child Development (2)	ED324 Methods of Teaching Mathematics in Elementary/Middle School (3)
ED303 Methods/Mat. for Teaching Content Classes (3)	ED326 Children’s Literature (3)
ED304 Methods and Materials for Teaching Content Classes Practicum (1)	ED327 Creative Arts (3)
ED315 Reading and Writing with Young Children (4)	ED329 Emergent Language (2)
ED318 Reading Assessment and Instruction (3)	PE322 Teaching Elementary School Physical Educ. (3)
ED319 Reading Practicum (1)	

5 ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BSE, MIDDLE SCHOOL CERTIFICATION GRADES 5—9— min. 124 hrs.

We offer certification in the following Middle School (grades 5-9) areas:

- Language Arts (page 70)
- Mathematics (page 80)
- Science (pages 51 and 59)
- Social Science (page 72)

MUSIC EDUCATION

For the Music Education program description and degree requirements, see page 82.

BSE, SPECIAL EDUCATION CERTIFICATION, MILD/MODERATE DISABILITIES, K-12—MIN. 125 HOURS

For the Special Education program description and degree requirements, see page 97.

BA OR BS, SECONDARY EDUCATION CERTIFICATION—MIN. 124 HOURS

Students seeking secondary certification in Business and Math must complete a major in the area of certification with a Bachelor of Arts or a Bachelor of Science degree with a Minor in Education.

- For the BA/BS in Business Education, see page 55.
- For the BA/BS in Mathematics Education, see page 79.

EDUCATION MINOR—17 HRS.

A student seeking a minor in Education without seeking certification must complete 17 hours of Education coursework. Prerequisites will not be waived for the minor.

BSE, MIDDLE SCHOOL CERTIFICATION WITH A CONCENTRATION IN LANGUAGE ARTS— min. 124 hrs.

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- Physical Science with a laboratory (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19 HOURS)

Fine Arts or Humanities: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	3 hours
Social Sciences: EC122 Economics for Educators (3) AND HI205 World Geography (3) are recommended.	6 hours
Additional Science with Lab: Biological Science w/ lab (4)	4 hours
MA224 Mathematics for Elementary and Middle School Teachers (4)	4 hours
ED122 Education Technology	2 hours

3 PROFESSIONAL EDUCATION REQUIREMENTS (24 HOURS)

ED101 Introduction to Teaching (2)	PY210 Educational Psychology (3)
ED102 Introduction to Teaching Practicum (1)	PY223 Developmental Psychology (3)
ED453 General Methods of Teaching (4)	PY342 Psychology of the Exceptional Child (2)
ED462 Student Teaching (8)	PY343 Psych. of the Exceptional Child Practicum (1)

4 MIDDLE SCHOOL (5-9) CERTIFICATION REQUIREMENTS (13-15 HOURS)

ED313 Classroom and Behavior Management in the Middle and Secondary Classroom (3)	SELECT ED318/319 OR ED471: ED318 Reading Assessment and Instruction (3)
ED314 History/Philosophy of Middle-Level Educ. (3)	ED319 Reading Assessment/Instruct. Practicum (1)
ED320 Teaching Reading/Writing in Middle School (3)	ED471 Teaching Reading in Secondary School (2)

SPECIAL TEACHING METHODS:

- ED 370E The Teaching of English in High School (2)

5 LANGUAGE ARTS REQUIREMENTS (18 ADDITIONAL HOURS): (Courses taken in major must include the follo

EN311 Modern Grammar (3)	EN331, EN340, EN342 or EN347 English/British Lit. (3)
EN312 History of the English Language (3)	EN410 Senior Thesis (1)
EN323 or EN324 or EN329 American Literature (3)	English Electives (5)

6 ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BACHELOR OF GENERAL STUDIES

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required courses from General Education: Math above MA103 (3) or PL101 Logic (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19-20 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	9 hours
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	6 hours
Science: See page 44 for guidelines.	3-4 hours
CS122	1 hour

3 MAJOR REQUIREMENTS (45 HOURS):

NOTE 1: The BGS major requires a minimum of 15 semester hours in each of three (3) separate disciplines (see A, B, and C below).

NOTE 2: The BGS major requires a minimum of six (6) semester hours of 300-level credit in each of three (3) separate disciplines, though not necessarily in the three (3) discipline areas chosen below for the major.

NOTE 3: Nursing (NU) counts as a single discipline in the BGS. Nursing (NU) and Allied Health (AH) count as a single discipline in the BGS. Education (ED) and Psychology (PY) may count as a single discipline in the BGS, as long as the PY work is limited to those courses required for "Professional Education" in any Education degree program.

Discipline A (15 hours)	Discipline B (15 hours)	Discipline C (15 hours)
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4 ELECTIVES (TO COMPLETE MIN. 124 HOURS)

HISTORY

BSE, MIDDLE SCHOOL CERTIFICATION WITH A CONCENTRATION IN SOCIAL SCIENCE— min. 124 hrs.

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- HI117 Development of the United States I (3)
- PS101 U.S. Government (3)
- Physical Science with a laboratory (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19 HOURS)

Fine Arts or Humanities: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	3 hours
Social Sciences: EC122 Economics for Educators (3) AND HI205 World Geography (3) are required.	6 hours
Additional Science with Lab: Biological Science w/ lab (4)	4 hours
MA224 Mathematics for Elementary and Middle School Teachers (4)	4 hours
ED122 Education Technology	2 hours

3 PROFESSIONAL EDUCATION (24 HOURS)

ED101 Introduction to Teaching (2)	PY210 Educational Psychology (3)
ED102 Introduction to Teaching Practicum (1)	PY223 Developmental Psychology (3)
ED453 General Methods of Teaching (4)	PY342 Psychology of the Exceptional Child (2)
ED462 Student Teaching (8)	PY343 Psych. of the Exceptional Child Practicum (1)

4 MIDDLE SCHOOL (5-9) CERTIFICATION REQUIREMENTS (13-15 HOURS)

ED313 Classroom and Behavior Management in the Middle and Secondary Classroom (3)	SELECT ED318/319 OR ED471:
ED314 History & Philosophy of Middle-Level Educ. (3)	ED318 Reading Assessment and Instruction (3)
ED320 Teaching Reading/Writing in Middle School (3)	ED319 Reading Assessment/Instr. Practicum (1)
	ED471 Teaching Reading in Secondary School (2)

SPECIAL TEACHING METHODS:

- ED 370SS The Teaching of Social Science in High School (2)

5 SOCIAL SCIENCE SUBJECT AREA REQUIREMENTS (21 HOURS)

HI101 World History I (3) OR HI102 World History II (3)
HI118 Development of the United States II (3)
PY101 Introduction to Psychology (3) OR SO101 Introduction Sociology (3)
HI/PS/SO/PY course electives (12)

6 ELECTIVES (TO COMPLETE MIN. 124 HOURS)

HISTORY MINOR—18 HRS.

At least 18 hours in History courses other than those counted toward the major. These must include at least six hours of 300-level courses.

SOCIAL SCIENCE MINOR—18 HRS.

HI117 Development of the US I (3) OR HI118 Development of the U.S. II (3)

HI205 World Geography (3)

PS101 Intro American National State Local Govt. (3)

ONE (1) FROM THE FOLLOWING:

EC122 Economics for Educators (3)

EC201 Macroeconomics (3)

EC202 Microeconomics (3)

ONE (1) FROM THE FOLLOWING:

SO101 Introduction to Sociology (3)

SO102 Social Problems (3)

SO150 Introduction to Anthropology (3)

ONE (1) FROM THE FOLLOWING:

PY101 General Psychology (3)

PY210 Educational Psychology (3)

INTERDISCIPLINARY STUDIES

The Interdisciplinary Studies (IDS) major allows students to design their programs relative to an educational objective which cannot be achieved within one of the existing formal degree programs. Students may elect the Interdisciplinary Studies major in the Bachelor of Arts and Bachelor of Science degree programs. The specific degree plan for the IDS major must have the signed approval of the faculty advisor who assists with its design and will direct the study, the regional site coordinator, and the student. The

signed degree plan with a complete description of the IDS Major should be developed by the end of the Junior year and must be filed no later than the registration next following the student's completion of 90 semester hours of study (the beginning of the Senior year). The IDS Major will consist of 45 semester hours or more with at least 15 semester hours at the 300-level and include some capstone experience. IDS majors must complete all other requirements for the degree sought.

BA OR BS, INTERDISCIPLINARY STUDIES MAJOR—MIN. 124 HOURS

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.		
② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)		
Humanities or Fine Arts:	• 9 hours (BA)	• 6 hours (BS)
<ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 		
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language)		6-8 hours
BS Analytical Skills: See page 45 for guidelines.		
③ INTERDISCIPLINARY COURSE REQUIREMENTS (45 HOURS): At least 15 hours must be at the 300 level. These 45 hours must include some capstone experience.		
④ ELECTIVES (TO COMPLETE MIN. 124 HOURS)		

INTERDISCIPLINARY STUDIES MINOR—18 HOURS

The Interdisciplinary Studies minor allows students to design a minor which complements their major, career goals, or personal interests. The minor requires at least 18 hours in two or three departmental areas with at least six hours in each area beyond the general education requirements. No course in the student's

major, whether or not required, may be taken for this minor. The student must provide a written statement of rationale for the minor including the specific courses to be used and must have the written approval of his or her advisor and the regional site coordinator.

AA, CONCENTRATION IN INTERDISCIPLINARY STUDIES—MIN. 62 HOURS	
① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.	
FOUNDATIONS	11.5-18 HOURS
CMU101/102	1.5-2 hours
Wellness	1 hour
Freshman Writing	3 hours (6 hours if taking EN110 & EN111)
Oral Communications	3 hours
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE	13 HOURS
Religion	3 hours
Social Science with Constitution	3 hours
Leadership	1 hour
Literature	3 hours
Social Science (CJ, CT, EC, HI, PS, PY, or SO)	3 hours
EXPLORING THE NATURE OF THE UNIVERSE	4 HOURS
Science with Lab	4 hours
② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (15-16 HOURS)	
Humanities or Fine Arts: <ul style="list-style-type: none"> When choosing a Fine Arts course, see page 43 for guidelines. When choosing a Humanities course, see page 44 for guidelines. 	9 hours
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	3 hours
Science: See page 44 for guidelines.	3-4 hours
③ INTERDISCIPLINARY STUDIES REQUIREMENTS (18 HOURS): The Interdisciplinary Studies concentration requires a minimum of 18 semester hours with a minimum of 9 semester hours in each of two (2) academic disciplines. Hours counted toward the General Education Common Core cannot be double-counted toward the IDS concentration.	
Discipline A (9 hours)	Discipline B (9 hours)
④ ELECTIVES (TO COMPLETE MIN. 62 HOURS)	

AS, CONCENTRATION IN INTERDISCIPLINARY STUDIES—MIN. 62 HOURS	
① COMMON CORE: FOR A LIST OF APPROVED COMMON CORE COURSES, SEE PAGE 42+.	
FOUNDATIONS	11.5-18 HOURS
CMU101/102	1.5-2 hours
Wellness	1 hour
Freshman Writing	3 hours (6 hours if taking EN110 & EN111)
Oral Communications	3 hours
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE	13 HOURS
Religion	3 hours
Social Science with Constitution	3 hours
Leadership	1 hour
Literature	3 hours
Social Science (CJ, CT, EC, HI, PS, PY, or SO)	3 hours
EXPLORING THE NATURE OF THE UNIVERSE	4 HOURS
Science with Lab	4 hours
② INTERDISCIPLINARY STUDIES REQUIREMENTS (18 HOURS): The Interdisciplinary Studies concentration requires a minimum of 18 semester hours with a minimum of 9 semester hours in each of two (2) academic disciplines. Hours counted toward the General Education Common Core cannot be double-counted toward the IDS concentration.	
Discipline A (9 hours)	Discipline B (9 hours)
③ ELECTIVES (TO COMPLETE MIN. 62 HOURS)	

MARKETING

CMU does not offer a Marketing major. However, Marketing is available as a concentration within the Business major. See page 52+ for details.

MARKETING MINOR—18 HRS.

The minor in Marketing is offered to students pursuing a non-Business major. The Marketing minor complements the skills that a student gains in his/her major discipline by enhancing the knowledge and abilities related to marketing situations and processes and the emerging global market. Upon completion of the 18 outlined hours, students will receive a minor in Marketing concurrently with the Bachelor's degree in his/her major area. It is the student's responsibility to meet any prerequisites for the courses in the minor.

MARKETING MINOR REQUIRED COURSES (9 HOURS)

- MK330 Principles of Marketing (3)
- MK366 Advertising (3)
- MK430 Strategic Marketing (3)

THREE (3) COURSES FROM THE FOLLOWING (9 HOURS)

- BU228 E-commerce (3)
- CS214 Web page Design (3)
- CT201 Public Relations (3)
- CT230 Introduction to Mass Communication (3)
- CT330 Business Communications. (3)
- MK235 Consumer Behavior (3)
- MK339 Sales Management (3)
- MK378 Marketing Research (3)

MATHEMATICS

A student completing the Mathematics major should be able to attend graduate school or receive employment in such areas as mathematics, computing, engineering, business, economics, statistics, cartography, the physical sciences, and other fields requiring strong quantitative skills. The Mathematics major is designed also to prepare the student to teach

the Mathematics courses commonly offered in middle and secondary schools. All majors are required to pass a Mathematics Department assessment examination. Mathematics courses numbered below 105 are not credited for the major. A maximum of three hours in internship may count toward the major.

BA OR BS, MATHEMATICS MAJOR—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required courses from General Education:

- MA105 Elementary Statistics (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts:	• 9 hours (BA)	• 6 hours (BS)
<ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 		
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language)		6-8 hours
BS Analytical Skills: See page 45 for guidelines.		

3 MATHEMATICS MAJOR REQUIREMENTS (33-39 HOURS)

MA118 Calculus and Analytic Geometry I (5)	<i>ELECTIVES (14-20 HOURS):</i>
MA209 Calculus and Analytic Geometry II (5)	BA Major: Math Electives (14)
MA308 Calculus and Analytic Geometry III (5)	
MA480 Senior Projects (Capstone) (3)	BS Major: Math Electives (20)
SC425 Science Seminar (Capstone) (1)	

4 MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BA OR BS, MATHEMATICS MAJOR WITH CERTIFICATION TO TEACH MATHEMATICS AT THE SECONDARY LEVEL—MIN. 124 HOURS.

All majors are required to take a Mathematics Department assessment examination and to complete the Science Division Capstone Experience. Majors also must pass at least two Computer Science courses and the Praxis II in order to obtain Missouri certification.

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- MA105 Elementary Statistics (3)
- Physical Science with a laboratory (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts:	• 9 hours (BA)	• 6 hours (BS)
<ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 		
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Additional Science with Lab: Biological Science w/ lab (4)		3-4 hours
BA Foreign Language (a single language)		6-8 hours
BS Analytical Skills: See page 45 for guidelines.		

3 MATHEMATICS MAJOR REQUIREMENTS (33-39 HOURS)

<p>BA, COURSES IN MATHEMATICS (33 HOURS):</p> <p>MA118 Calculus and Analytic Geometry I (5) MA209 Calculus and Analytic Geometry II (5) MA308 Calculus and Analytic Geometry III (5) MA317 Modern Algebra (4) MA319 College Geometry (4)</p> <p>TWO (2) FROM THE FOLLOWING:</p> <p>MA105 Elementary Statistics (3) [if not taken in the Common Core above] MA303 History of Mathematics (3) MA318 Matrices and Linear Algebra (3)</p> <p>BA CAPSTONE REQUIREMENTS:</p> <p>MA480 Senior Projects (Capstone) (3) SC425 Science Seminar (1) (Capstone)</p>	<p>BS, COURSES IN MATHEMATICS (39 HOURS):</p> <p>MA105 Elementary Statistics (3) MA107 Discrete Mathematics (3) MA118 Calculus and Analytic Geometry I (5) MA209 Calculus and Analytic Geometry II (5) MA303 History of Mathematics (3) MA308 Calculus and Analytic Geometry III (5) MA317 Modern Algebra (4) MA318 Matrices and Linear Algebra (3) MA319 College Geometry (4)</p> <p>BS CAPSTONE REQUIREMENTS:</p> <p>MA480 Senior Projects (Capstone) (3) SC425 Science Seminar (1) (Capstone)</p>
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4 PROFESSIONAL EDUCATION REQUIREMENTS (28 HOURS)

ED101 Introduction to Teaching (2)	ED471 Teaching Reading in the Secondary School (2)
ED102 Introduction to Teaching Practicum (1)	PY210 Educational Psychology (3)
ED370MA The Teaching of Math in High School (2)	PY223 Developmental Psychology (3)
ED453 General Methods Teaching (4)	PY342 Psychology of the Exceptional Child (2)
ED462 Supervised Student Teaching (Capstone) (8)	PY343 Psychology of Exceptional Child Practicum (1)

5 ELECTIVES (TO COMPLETE MIN. 124 HOURS)

BSE, MIDDLE SCHOOL CERTIFICATION WITH A CONCENTRATION IN MATHEMATICS— min. 124 hrs.

① **COMMON CORE:** See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education: Physical Science with a laboratory (4)

② **TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19 HOURS)**

Fine Arts or Humanities: <ul style="list-style-type: none"> When choosing a Fine Arts course, see page 43 for guidelines. When choosing a Humanities course, see page 44 for guidelines. 	3 hours
Social Sciences: EC122 Economics for Educators (3) AND HI205 World Geography (3) are recommended.	6 hours
Additional Science with Lab: Biological Science w/ lab (4)	4 hours
MA224 Mathematics for Elementary and Middle School Teachers (4)	4 hours
ED122 Education Technology	2 hours

③ **PROFESSIONAL EDUCATION (24 HOURS)**

ED101 Introduction to Teaching (2)	PY210 Educational Psychology (3)
ED102 Introduction to Teaching Practicum (1)	PY223 Developmental Psychology (3)
ED453 General Methods of Teaching (4)	PY342 Psychology of the Exceptional Child (2)
ED462 Student Teaching (8)	PY343 Psych. of the Exceptional Child Practicum (1)

④ **MIDDLE SCHOOL GRADES 5-9 CERTIFICATION REQUIREMENTS (13-15 HOURS)**

ED313 Classroom and Behavior Management in the Middle and Secondary Classroom (3)	SELECT ED318/319 OR ED471:
ED314 History & Philosophy of Middle-Level Educ. (3)	ED318 Reading Assessment and Instruction (3)
ED320 Teaching Reading/Writing in Middle School (3)	ED319 Reading Assessment/Instruct. Pract. (1)
	ED471 Teaching Reading in Secondary School (2)

SPECIAL TEACHING METHODS:

ED 370MA Math (2) *or* ED324 Teaching Mathematics in Elem/Middle School (3)

⑤ **MATHEMATICS SUBJECT AREA REQUIREMENTS (14 HOURS)**

MA105 Elementary Statistics (3) (if not taken in the Common Core above)
 Mathematics Electives (to complete 14 hours): MA118 recommended

⑥ **ELECTIVES (TO COMPLETE MIN. 124 HOURS)**

MATHEMATICS MINOR—17 HOURS

REQUIRED COURSES (3-5)

MA112 Selected Topics in Calculus (3) **OR** MA118 Calculus and Analytic Geometry (5)

ELECTIVES IN MATHEMATICS (12-14 HOURS)

AS, CONCENTRATION IN APPLIED MATHEMATICS—MIN. 62 HOURS

1 **COMMON CORE:** See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- Computer Science including a programming course (4)
- Natural or Physical Science (at least 1 with a lab) (7-8)

FOUNDATIONS	11.5-18 HOURS
CMU101/102	1.5-2 hours
Wellness	1 hour
Freshman Writing	3 (6 hours if taking EN110 & EN111)
Oral Communications	3 hours
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE	13 HOURS
Religion	3 hours
Social Science with Constitution	3 hours
Leadership	1 hour
Literature	3 hours
Valuing or Social Science (CJ, CT, EC, Ethics, HI, PL, PS, PY, or SO): Must include EC201 Macroeconomics (3) OR EN202 Microeconomics (3)	3 hours
EXPLORING THE NATURE OF THE UNIVERSE	4 HOURS
Science with Lab	4 hours

2 **CONCENTRATION IN MATHEMATICS (22 HOURS)**

MA118 Calculus and Analytic Geometry I (5)

MA209 Calculus and Analytic Geometry II (5)

Twelve (12) additional hours of Mathematics courses numbered 105 or above.

3 **ELECTIVES (TO COMPLETE MIN. 62 HOURS)**

MUSIC

BME, CERTIFICATION IN INSTRUMENTAL MUSIC OR VOCAL/CHORAL— min. 124 hrs.

The requirements for the Bachelor of Music Education degree are designed to prepare students to teach music in the Missouri public schools. In addition to meeting state certification requirements in vocal or instrumental music, students may elect to pursue an additional endorsement in the area not represented in initial certification. Satisfactory completion of the BME degree will also prepare students for success in public performance and graduate study.

The Bachelor of Music Education student (1) must achieve a minimum GPA of 2.5 overall; a minimum GPA of 2.5 in the major; a minimum GPA of 2.5 in the professional education sequence; (2) must have no grade below “C” in the Professional Education, Music Education and pedagogy sequences; and (3) must pass the C-Base examination, the PRAXIS II, and the piano proficiency examination.

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.	
② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (11 HOURS)	
Psychology: Must take the following: PY210 Educational Psychology (3) PY223 Developmental Psychology (3) PY342 Psychology of the Exceptional Child (2) Count PY343 Practicum for PY342 (1) as part of the Professional Education Core below.	8 hours
Humanities, Fine Arts (not to include Music) or Social Science: <ul style="list-style-type: none"> • If opting for a Humanities course, see page 44 for guidelines. • If opting for a Fine Arts course, see page 43 for guidelines. • If opting for a Social Science course, see page 44 for guidelines. 	3 hours
③ MUSIC MAJOR REQUIREMENTS (61 HOURS)	
A. MUSIC ACADEMIC CORE REQUIREMENTS (28 HOURS)	
MU107 The Theory and Practice of Music I (3) MU108 The Theory and Practice of Music II (3) MU117 Aural Skills I (1) MU118 Aural Skills II (1) MU150 Introduction to Western Music (2) MU207 The Theory and Practice of Music III (3) MU217 Aural Skills III (1)	MU321 Music History I (3) MU322 Music History II (3) MU335 Instrumentation (2) MU365 Form and Analysis (2) MU423 American Music (2) (Capstone) MU471 Composition I (2) (Capstone)
B. PRINCIPAL APPLIED (14 HOURS)	
Applied Lessons (13) MU492 Senior Recital (1) (Capstone)	
C. SECONDARY APPLIED (4 HOURS)	
MU131 Piano (1) OR MLP___ Applied Piano (1) Applied Guitar (1) OR Applied Piano (1) MU132 Piano (1) OR MLP___ Applied Piano (1) Applied Guitar (1) OR Applied Piano (1)	
D. TECHNIQUES AND PEDAGOGY (11 HOURS)	
MU122 String Class (1) MU124 Percussion Class (1) MU127 Trumpet Class (1) MU128 Clarinet Class (1) MU129 Guitar Techniques (1)	MU214 Basic Conducting (2) MU223 Woodwind Techniques (1) MU225 Brass Techniques (1) MU317 Advanced Conducting—Instrumental (2)
E. ENSEMBLE (4 HOURS): Must be enrolled in and successfully participate in a major ensemble (0.5 hour) each semester of full-time attendance	
Major Ensemble (4 one half-hour each semester)	

4 PROFESSIONAL EDUCATION REQUIREMENTS (19 HOURS)			
ED101	Introduction to Teaching (2)	ED471	Teaching Reading in the Secondary School (2)
ED102	Introduction to Teaching Practicum (1)	PY343	Psychology of the Exceptional Child Practicum (1): (Take concurrently with PY342, which is counted as part of the Additional General Education requirements counted above.)
ED369MU	Elementary School Music Methods (2)		
ED370MU	The Teaching of Music in High School (3)		
ED462	Supervised Student Teaching (Capstone; 1 of 4 required) (8)		

5 ELECTIVES (TO COMPLETE MIN. 124 HOURS)			
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Students pursuing the Bachelor of Music Education degree may prepare to teach both Instrumental and Vocal music by completing the following endorsement.

Vocal/Choral Endorsement. In addition to the course work required for the instrumental emphasis:

- Applied Voice (4)—May include MU241 Diction for Singers (3)
- Choir (2) Minimum of two semesters
- MU314 Advanced Choral Conducting (2)
- MU316 Choral Techniques (2)
- MU324 Choral Literature (2)
- MU337 Choral Arranging (2)

BME, CERTIFICATION IN VOCAL/CHORAL MUSIC— min. 124 hrs.

The requirements for the Bachelor of Music Education degree are designed to prepare students to teach music in the Missouri public schools. In addition to meeting state certification requirements in vocal or instrumental music, students may elect to pursue an additional endorsement in the area not represented in initial certification. Satisfactory completion of the BME degree will also prepare students for success in public performance and

graduate study.

The Bachelor of Music Education student (1) must achieve a minimum GPA of 2.5 overall; a minimum GPA of 2.5 in the major; a minimum GPA of 2.5 in the professional education sequence; (2) must have no grade below “C” in the Professional Education, Music Education and pedagogy sequences; and (3) must pass the C-Base examination, the PRAXIS II, and the piano proficiency examination.

❶ COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.	
❷ TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (11 HOURS)	
Psychology REQUIRED COURSES: <ul style="list-style-type: none"> • PY210 Educational Psychology (3) • PY223 Developmental Psychology (3) • PY342 Psychology of the Exceptional Child (2) • Count PY343 Practicum for PY342 (1) as part of the Professional Education Core below. 	8 hours
Humanities, Fine Arts (not to include Music) or Social Science: <ul style="list-style-type: none"> • If opting for a Humanities course, see page 44 for guidelines. • If opting for a Fine Arts course, see page 43 for guidelines. • If opting for a Social Science course, see page 44 for guidelines. 	3 hours
❸ MUSIC MAJOR REQUIREMENTS (62 HOURS)	
A. MUSIC MAJOR REQUIREMENTS (28 HOURS)	
MU107 The Theory and Practice of Music I (3)	MU321 Music History I (3)
MU108 The Theory and Practice of Music II (3)	MU322 Music History II (3)
MU117 Aural Skills I (1)	MU337 Choral Arranging (2)
MU118 Aural Skills II (1)	MU365 Form and Analysis (2)
MU150 Introduction to Western Music (2)	MU423 American Music (2) (Capstone)
MU207 The Theory and Practice of Music III (3)	MU471 Composition I (2) (Capstone)
MU217 Aural Skills III (1)	
B. PRINCIPAL APPLIED (14 HOURS)	
Applied Lessons (13)	
MU492 Senior Recital (1) (Capstone)	
C. SECONDARY APPLIED (4 HOURS)	
Applied Guitar (1) OR Applied Piano (1)	MU131 Piano (1) OR MLP___ Applied Piano (1)
Applied Guitar (1) OR Applied Piano (1)	MU132 Piano (1) OR MLP___ Applied Piano (1)
D. TECHNIQUES AND PEDAGOGY (12 HOURS)	
MU129 Guitar Techniques (1)	MU314 Advanced Choral Conducting (2)
MU214 Basic Conducting (2)	MU316 Choral Techniques (2)
MU241 Diction for Singers (3)	MU324 Choral Literature (2)
E. ENSEMBLES (4 HOURS): Must be enrolled in and successfully participate in a major ensemble (0.5 hour) each semester of full-time attendance	
Major Ensemble (4)	

④ PROFESSIONAL EDUCATION REQUIREMENTS (19 HOURS)			
ED101	Introduction to Teaching (2)	ED472	Teaching Reading in the Secondary School (2)
ED102	Introduction to Teaching Practicum (1)	PY343	Psychology of the Exceptional Child Practicum (1); (Take concurrently with PY342, which is counted as part of the Additional General Education requirements counted above.)
ED369MU	Elementary School Music Methods (3)		
ED370MV	The Teaching of Music in High School (2)		
ED462	Supervised Student Teaching (Capstone; 1 of 4 required) (8)		

⑤ ELECTIVES (TO COMPLETE MIN. 124 HOURS)			
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Students pursuing the Bachelor of Music Education degree may prepare to teach both Vocal and Instrumental music by completing the following endorsement.

Instrumental Endorsement. In addition to the course work required for the Vocal/Choral emphasis:

- Applied Instrument (2)
- Instrumental Ensemble (2, Minimum of two semesters)
- MU122 String Class (1)
- MU124 Percussion Class (1)
- MU127 Trumpet Class (1)
- MU128 Clarinet Class (1)
- MU223 Woodwind Techniques (1)
- MU225 Brass Techniques (1)
- MU317 Advanced Conducting—Instrumental (2)
- MU335 Instrumentation (2)

NURSING—RN-TO-BSN

PHILOSOPHY

The goal of the Bachelor of Science degree in Nursing (RN-to-BSN) program is to provide opportunities for qualified students to acquire the knowledge necessary to provide nursing care which promotes adaptation of the person, family, and community. This knowledge is acquired within a liberal arts experience which emphasizes honesty, integrity, civility, and a strong sense of personal responsibility. Professional preparation as a nurse includes promotion of lifelong learning, social responsibility, and service.

The faculty believe persons are unique, holistic, and developing beings with the process and capacity for thinking, feeling, reflecting, and choosing. Persons respond to and act upon the constantly changing environment, which is everything that is within and around them. To adapt to this changing environment, people use coping processes which are both innate and learned. Adaptation occurs as adaptive responses promote integrity and wholeness.

Health is a state and a process of being and becoming an integrated and whole person. Health is a continuum ranging from peak wellness to death. The adaptation level is that point where the person is able to respond positively. A whole person is one with the highest possible fulfillment of human potential.

Nursing assists persons, families, and communities to examine life and environmental patterns, attach personal meaning to these patterns, and choose adaptation. Nursing acts to enhance interaction with the environment by promoting meaningful life experiences, growth, and adaptation. The profession of nursing is an integrated part of a system for health care delivery and shares responsibility for working collaboratively with other health care practitioners.

Nursing education is a process which enables the learner to synthesize a body of knowledge obtained through courses in nursing, liberal arts, humanities, and the sciences. Because nursing is dynamic, the education is foundational for professional growth through nursing research and continuing education.

The faculty believe that the learner is best able to reach individual potential in an environment that is nurturing and promotes inquiry, dialogue, curiosity, creativity, the ethical ideal, and assertiveness. The learner brings an attitude of commitment and motivation for achievement. The role of the learner is to share in the responsibility of the teaching-learning process.

The teacher interacts with students as persons of worth, dignity, intelligence, and high scholarly standards. The teacher's role is to provide the climate, structure, and dialogue that promotes discovery of patterns and paradigms for practice. The teacher raises questions that require reading, observation, analysis, and reflection upon patient care. The teacher nurtures the learner, is available for dialogue, and promotes the use of research and critical thinking in the delivery of nursing care.

BACHELOR OF SCIENCE IN NURSING (RN-TO-BSN) OUTCOMES

The Bachelor of Science nursing graduate will be able to:

1. demonstrate professional nursing leadership with technical proficiency utilizing principles of management and leadership, evidenced in the care of clients, families, and communities including management of physical, fiscal, and human resources.
2. apply critical thinking and problem-solving to provide nursing care, which promotes holism and adaptation by discovering research questions, critically analyzing research, and applying research to practice.
3. incorporate the principles of communication, client education, and client advocacy into practice.
4. exhibit a commitment to individual and professional growth as a lifelong learner, evidenced by continuing formal education, informal education, and reading refereed professional journals and participating in shaping the health care delivery system.
5. provide, delegate, and/or supervise nursing care based on current knowledge, theory, and research to promote holism and adaptation as evidenced by the ability to:
 - a. Assess and diagnose the health status of diverse individuals, families, and communities.
 - b. Plan, implement, and evaluate the care—in structured and unstructured settings—for diverse individuals, families, and communities who require nursing at

restorative, maintenance, or promotion levels.

6. evaluate career choices within the nursing profession based on emerging skills and personal strengths and abilities.
7. display behaviors as a member of the profession of nursing based on standards of practice and professional codes of ethics to:
 - a. assume accountability for own nursing practice
 - b. practice within ethical and legal frameworks
8. demonstrate collaboration with other health care providers to promote the full human potential. (The liberal arts education provides opportunities for growth in knowledge, personal integrity, spirituality, and professional competence).

ASSESSMENT OF STUDENT LEARNING OUTCOMES

I. Assessment Methods

The portfolio and employer surveys are the primary methods of assessment. Students are required to maintain a portfolio during the program through Foliotek, an online portfolio system. (A Foliotek fee is assessed in NU300.) They must write a summary at the end of each Nursing course analyzing how the course met one or more outcomes. At the end of each course and at the end of the program, students complete a survey identifying how well the course and program design assisted the student in meeting the program outcomes, assignments that helped in meeting program outcomes, and suggestions for program and course improvement. Students will also complete a self-evaluation based on program outcomes. Employer surveys identify how well graduates perform based on program outcomes.

II. Review

Portfolios are reviewed periodically and after the end of the program. The student is to evaluate whether course content helped them meet program outcomes. Employer surveys are sent and reviewed after one year of employment.

III. Feedback

In the summer workshop, faculty review and evaluate portfolio and employer information. Evaluations result in changes to improve courses and clinical experiences for students as documented in faculty workshop minutes.

BSN REQUIREMENTS FOR ADMISSION

1. Applicants must meet the admission requirements of the University.
2. minimum GPA of 2.0 overall;
3. an associate's degree in Nursing from a regionally accredited institution (34 Nursing credits from the ADN will be applied toward the BSN; general education credits will also transfer where applicable).
4. official transcripts from all regionally and nationally accredited colleges and universities attended; and
5. current Missouri RN license (needed prior to beginning clinical courses).
6. Non-native speakers of English must present evidence of proficiency in the English language by scoring a 550 or higher on the paper-based Test of English as a Foreign Language (TOEFL) or 213 or higher on the computer-based TOEFL or 77 or higher on the Internet-based TOEFL.

AFTER ACCEPTANCE INTO THE PROGRAM

1. Students are required to submit the following prior to the first class:
 - a. Health history
 - b. Rubella titer and/or immunization
 - c. Current DT immunization
 - d. Hepatovax injection series
2. Students are required to show proof of the following prior to clinical coursework:
 - a. Montaux/PPD—within the past year year
 - b. Current CPR certification (good for 2 years)
 - c. Malpractice insurance

BSN CURRICULUM REQUIREMENTS

1. A cumulative 2.0 GPA must be maintained and a grade of "C" or above must be attained in all Nursing courses.
2. NU300, NU301, NU303, NU315, NU320, NU325, NU450, and NU455, AH315, and

AH330 should be completed within two consecutive academic years.

3. The BSN program should be completed within five (5) years of enrollment.

Graduation Requirements

1. Satisfactory completion of the liberal arts and/or general education coursework as well as all courses in the major;
2. satisfactory completion of at least 124 credit hours;
3. satisfactory completion of at least 43 credit hours in the area of concentration;
4. satisfactory completion of at least 15 credit hours of upper-division coursework in the major;
5. satisfactory completion of at least 36 credit hours of upper-division coursework;
6. satisfaction of the 30-hour residency requirement;
7. cumulative GPA of at least 2.0 on coursework earned at CMU;
8. cumulative GPA of at least 2.0 on all upper-division major coursework;
9. payment of all tuition and fees; and
10. recommendation of the faculty.

BACHELOR OF SCIENCE IN NURSING (RN-BSN)—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required courses from General Education:

- MA103 College Algebra (3)
- SO101 Introduction to Sociology (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (17-23 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	3 hours
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines. <ul style="list-style-type: none"> • Must include PY101 General Psychology (3). • Must include a 200- or 300-level course in SO or PY (3). 	6 hours
Science	8-14 hours

3 NURSING CREDIT GRANTED FOR ASSOCIATE’S DEGREE IN NURSING (ADN) OR DIPLOMA EDUCATION (34 HOURS)

4 NURSING MAJOR (30 HOURS)

- AH316 Data Analysis for Nursing Practice (3)
- AH330 Business Concepts in Health Care/Case Management (3)
- NU300 Adaptation Nursing Model (2)
- NU301 Physical Assessment (2)
- NU303 Research in Nursing (3)
- NU315 APA Formatting and Library Databases (1)
- NU320 Adaptation Nursing in the Community (4)
- NU325 History/Trends in Nursing (3)
- NU450 Integrated Concepts on Adaptation Nursing (6)
- NU455 Professional Issues, Leadership, and Management (3)

5 ELECTIVES TO COMPLETE MIN. 124 HOURS

SCHOLASTIC STANDARDS FOR NURSING

The grading scale for the Department of Nursing is based on 78% as the minimum percentage for a “C” grade. To graduate, students must maintain a grade of “C” in all Nursing, Allied Health, and Science courses and must have a minimum cumulative grade point average of 2.0 on a 4.0 scale.

Requirements for Continuation in Program: Students who earn less than a “C” in a course may not continue in their cohort. Any one course where the student earns less than a “C” must be repeated and completed with a grade of “C” or higher, and then the student will join the subsequent cohort. Any second instance when a student earns less than a “C”—whether it is a repeated course or one taken for the first time—results in the student’s dismissal from the program.

PHILOSOPHY

PHILOSOPHY MINOR—18 HRS.

PL306 Ethics and the Professions (3)

ONE (1) FROM THE FOLLOWING:

PL101 Introduction to Logic (3)

PL105 Introduction to Philosophy (3)

ONE (1) FROM THE FOLLOWING:

PL303 History of Philosophy I (3)

PL304 History of Philosophy II (3)

THREE (3) FROM THE FOLLOWING:

PL225 Philosophy of Religion (3)

PL310 Ethics and Leadership (3)

PL311 Epistemology (3)

PL314 World Religions Today (3)

POLITICAL SCIENCE

POLITICAL SCIENCE MINOR—18 HRS.

PS200 International Problems and Relations (3)

PS308 American Constitutional Law (3)

PS318 American Legislative Politics (3)

PS319 The American Presidency, Past and Present (3)

GUIDED ELECTIVE COURSES IN POLITICAL SCIENCE (6 HOURS)

NOTE: PS101 may not be credited towards the minor in Political Science.

PSYCHOLOGY

The Division of Social Sciences offers a bachelor’s degree program in Psychology which is designed to assist students in gaining an understanding of the science of human behavior and mental processes. Students will become familiar with the most important contemporary research finding in the fields of learning, personality, counseling, psychophysiology, social processes, abnormal Psychology, and human development. The Psychology major is often used as a foundation for professional training in counseling, law, the ministry, or graduate study in Psychology.

The Psychology major has the option of graduating with a Bachelor of Arts or a Bachelor of Science degree. The

requirements of the Bachelor of Arts in Psychology provide a broad liberal arts exposure to the discipline, thereby preparing students for a broad range of careers in business management and public service. The requirements of the Bachelor of Science in Psychology include a stronger emphasis on the development of analytic skills and thus may be of special interest to students planning to pursue advanced degrees in the field. As a requirement for graduation, all Psychology majors must sit for a nationally normed exit examination in the Senior year.

BA OR BS, PSYCHOLOGY MAJOR—MIN. 124 HOURS

❶ COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required courses from General Education:

- MA105 Elementary Statistics (3)
- PY101 General Psychology (3)

❷ TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts:	• 9 hours (BA)	• 6 hours (BS)
<ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 		
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language)		6-8 hours
BS Analytical Skills: See page 44 for guidelines.		
<ul style="list-style-type: none"> • Must include MA105 Elementary Statistics (3) if MA105 not taken as part of the Common Core (above). • Must include either PY331 Research Design and Data Analysis in the Social Sciences (3) OR PY334 Applied Quantitative Data Analysis (3) [OR BOTH if MA105 taken as part of the Common Core above]. 		

❸ PSYCHOLOGY MAJOR REQUIREMENTS (30 HOURS)

- PY204 Experimental Psychology (3)
- PY331 Research Design and Data Analysis in the Social Sciences (3) **OR** PY334 Applied Quantitative Data Analysis (3), whichever not taken in Tier Two requirements
- PY480 Senior Thesis (Capstone) (3)

PSYCHOLOGY ELECTIVES (6 HOURS): PY210 cannot be counted for Psychology credit in the degree programs of Psychology majors or minors without the written permission of the chair of the Division of Social Sciences.

ONE (1) COURSE FROM EACH OF THESE FOUR AREAS:

- **BIOLOGICAL:**
 PY211 Psychology of Adjustment (3)
 PY348 Health Psychology (3)
- **APPLIED**
 PY315 Sport and Exercise Psychology (3)
 PY332 Cognitive Processes and Applications (3)
 PY338 Applied Psychology (3)
 PY353 Industrial/ Organizational Psychology (3)
- **COUNSELING, ABNORMAL, AND PERSONALITY:**
 PY301 Abnormal Psychology (3)
 PY308 Personality (3)
 PY351 Introduction to Counseling (3)
- **DEVELOPMENTAL AND SOCIAL:**
 PY223 Developmental Psychology (3)
 PY321 Family Relationships and Values (3)
 PY324 Social Psychology (3)

④ MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

PSYCHOLOGY MINOR—18 HOURS

Courses in Psychology (18) (*Courses are not counted towards the student's major and must include at least six (6) hours of 300/400-coursework.*)

NOTE: PY210 cannot be counted for Psychology credit in the degree programs of Psychology majors or minors without the written permission of the chair of the Division of Social Sciences.

AA, CONCENTRATION IN PSYCHOLOGY—MIN. 62 HOURS

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

FOUNDATIONS	11.5-18 HOURS
CMU101/102	1.5-2 hours
Wellness	1 hour
Freshman Writing	3 hours (6 hours if taking EN110 & EN111)
Oral Communications	3 hours
Math/Algebra/Statistics	3 hours (6 hrs if taking MA101 & MA102)
UNDERSTANDING HUMAN NATURE	13 HOURS
Religion	3 hours
Social Science with Constitution	3 hours
Leadership	1 hour
Literature	3 hours
Valuing or Social Science (CJ, CT, EC, Ethics, HI, PL, PS, PY, or SO)	3 hours
EXPLORING THE NATURE OF THE UNIVERSE	4 HOURS
Science with Lab	4 hours

② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (15-16 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 	9 hours
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	3 hours
Science: See page 44 for guidelines.	3-4 hours

③ CONCENTRATION IN PSYCHOLOGY (18 HOURS)

④ ELECTIVES (TO COMPLETE MIN. 62 HOURS)

BA OR BS, PUBLIC ADMINISTRATION MAJOR—MIN. 124 HOURS

The Public Administration major provides students with multidisciplinary education which focuses on developing the skills essential for the public sector manager. The major prepares students for a variety of careers in national, state, and local government service, including but not limited to human resource

management, program planning, budgeting, and law enforcement administration. In addition to its standard course offerings, this program provides opportunities for field experiences and internships. Majors in Public Administration may pursue either a Bachelor of Arts or a Bachelor of Science degree.

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required course from General Education: CH111 General Chemistry (4)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts: <ul style="list-style-type: none"> When choosing a Fine Arts course, see page 43 for guidelines. When choosing a Humanities course, see page 44 for guidelines. 	• 9 hours (BA)	• 6 hours (BS)
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language) BS Analytical Skills: See page 44 for guidelines.		6-8 hours

3 PUBLIC ADMINISTRATION MAJOR (36 HOURS)

EC201 Macroeconomics (3)	TWO (2) COURSES FROM THE FOLLOWING:
EC202 Microeconomics (3)	AC201 Principles of Accounting I (3)
HI118 Development of U.S. II (3)	EC330 Law and Economics (3)
PS/SO480 Major Readings (3)	PS308 Constitutional Law (3)
PS101 Intro American National State Local Govt. (3)	PS309 Law in American Society (3)
PS330 Principles of Public Administration (3)	PS368/468 Government Internship (2)
PS333 Public Policy Analysis (3)	SO102 Social Problems (3)
PY101 General Psychology (3)	SO302 Urban and Rural Sociology (3)
PY352 Group Processes (3)	SO350 Social Theory (3)
SO324 Social Psychology (3)	

4 MINOR AND ELECTIVES TO COMPLETE MIN. 124 HOURS

RELIGION

RELIGION MINOR – 18 HRS.

RL314 World Religions Today (3)

ONE (1) FROM THE FOLLOWING:

RL201 Old Testament (3)

RL202 New Testament (3)

ELECTIVES IN RELIGION (12 HOURS)

SCIENCE

SCIENCE AND EARTH SCIENCE MINOR—26 HRS.

AS101 Descriptive Astronomy—The Solar System (4)

AS102 Descriptive Astronomy—Beyond the Solar System (4)

GL101 Physical Geology (4)

GL102 Historical Geology (4)

HI205 World Geography (3)

SC101 Concepts in Physical Science (4)

SC103 Introduction to Meteorology (3)

SOCIOLOGY

The Division of Social Sciences offers Bachelor’s degree programs in Sociology which are designed to fulfill the following objectives: (1) provide an understanding of the interdependence between humans and their social environment; (2) provide insight into the interdependent relationships between social elements; (3) develop an appreciation for the procedure and methodology of Sociology as a

scientific study of human interaction; and (4) provide necessary knowledge and skills to work as an applied sociologist or to pursue graduate studies in Sociology. The Sociology major has the option of graduating with a Bachelor of Arts or a Bachelor of Science degree. As a requirement for graduation, all Sociology majors must sit for a nationally normed exit examination during their Senior year.

BA OR BS, SOCIOLOGY MAJOR—MIN. 124 HOURS

1 COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required courses from General Education:

- MA105 Elementary Statistics (3)
- SO101 Introduction to Sociology (3) **OR** SO102 Social Problems (3)

2 TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (21-24 HOURS)

Humanities or Fine Arts:	• 9 hours (BA)	• 6 hours (BS)
<ul style="list-style-type: none"> • When choosing a Fine Arts course, see page 43 for guidelines. • When choosing a Humanities course, see page 44 for guidelines. 		
Social Sciences (CJ, CT, EC, HI, PY, PS, or SO): See page 44 for guidelines.	• 3 hours (BA)	• 6 hours (BS)
Science: See page 44 for guidelines.		3-4 hours
BA Foreign Language (a single language)		6-8 hours
BS Analytical Skills: See page 44 for guidelines.		
<ul style="list-style-type: none"> • Must include MA105 Elementary Statistics (3) if MA105 not taken as part of the Common Core (above). • Must include either SO331 Research Design and Data Analysis in the Social Sciences (3) OR SO334 Applied Quantitative Data Analysis (3) OR BOTH if MA105 taken as part of the Common Core above. 		

3 SOCIOLOGY MAJOR (30 HOURS)

SO331 Research Design and Data Analysis (3) OR SO334 Applied Quantitative Data Analysis (3), whichever not taken as part of Tier Two requirements SO350 Social Theory (3) SO480 Senior Thesis (3) (Capstone)	<p style="text-align: center;"><i>FIVE (5) FROM THE FOLLOWING (15 HOURS):</i></p> SO101 Introduction to Sociology (3) SO102 Social Problems (3) SO150 Introduction to Anthropology (3) SO204 World Cultures (3) SO301 Race and Ethnicity in the United States (3) SO311 Popular Culture (3) SO312 Gender and Sexuality (3) SO314 Social Deviance (3) SO315 Criminology (3) SO321 Family Relationships and Values (3) SO324 Social Psychology (3) SO340 Teaching with Historic Places (3) SO351 Introduction to Counseling Theory and Practice SO190/290/390 Special Topics (1-5)
<p><i>ONE (1) FROM THE FOLLOWING:</i></p> SO301 Race and Ethnicity in the United States (3) SO312 Gender and Sexuality (3)	

4 MINOR AND ELECTIVES (TO COMPLETE MIN. 124 HOURS)

SOCIOLOGY MINOR—18 HOURS

Eighteen (18) hours in Sociology, other than those counted toward the major. The minor must include six (6) hours of upper-division (300/400-level) coursework.

SPANISH

SPANISH MINOR—17 HRS.

Students declaring a Spanish minor are encouraged to pursue one summer semester or session of study in a country where the language being studied is the native language. The Department must approve the place of study and the program selected.

REQUIRED COURSES:

SP101 and SP102 (8 Hours)

Electives (Spanish courses numbered 200 or higher) (9 Hours)

SPECIAL EDUCATION: MILD-MODERATE DISABILITIES (K-12)

The undergraduate programs provided by the Division of Professional Education at Central Methodist University offer a rigorous and comprehensive initial Educator Preparation Program in Mild-Moderate Disabilities. The program

reflects the most recent Council for Exceptional Children and State of Missouri professional standards. The curriculum is a result of a collaborative effort of the Education faculty.

The standards-based curriculum features

- a commitment to the preparation of reflective education practitioners to serve in both rural and urban environments;
- a commitment to a curriculum that is inculcated with a global perspective that values and appreciates the contributions of a multicultural student population;
- a common core of courses for all Special Education majors;
- a series of fieldwork experiences that provide opportunities for early application of performance standards concurrent with courses containing related knowledge standards;
- a series of fieldwork experiences that provide opportunities for early and on-going investigation of the needs and opportunities for teaching in rural and urban environments;
- a full-semester capstone student-teaching experience;
- a performance-based evaluation system.

BSE, CERTIFICATION IN SPECIAL EDUCATION, MILD/MODERATE DISABILITIES K-12—MIN. 135 HOURS

① COMMON CORE: See page 42 for Common Core requirements for all CMU degrees.

Required Courses from General Education:

- Physical Science with a laboratory (4)

② TIER TWO: ADDITIONAL GENERAL EDUCATION REQUIREMENTS (19 HOURS)

Humanities or Fine Arts: AR186, AR188, or MU188	3 hours
Social Sciences: EC122 Economics for Educators (3) AND HI205 World Geography (3).	6 hours
Additional Science with Lab: Biological Science w/ lab (4)	4 hours
MA224 Mathematics for Elementary and Middle School Teachers (4)	4 hours
ED122 Education Technology	2 hours

③ PROFESSIONAL EDUCATION (21 HOURS)

ED101 Introduction to Teaching (2)	ED462 Student Teaching (8)
ED102 Introduction to Teaching Practicum (1)	PY210 Educational Psychology (3)
ED453 General Methods of Teaching (4)	PY223 Developmental Psychology (3)

④ SPECIAL EDUCATION CERTIFICATION (MILD/MODERATE DISABILITIES K-12) REQUIREMENTS (59 HOURS)

NOTE: We recommend that students have a second area of certification, in addition to Special Education certification.

AH364	Child Health (2)	SE203	Intro. to Special Education—MMD K-12 (3)
ED103	Child Development (2)	SE204	Diversity Experience for SE Majors (1)
ED303	Methods & Materials for Teaching Content Classes (3)	SE213	Curriculum Methods—MMD Elementary (3)
ED304	Methods and Materials for Teaching Content Classes Practicum (1)	SE214	Curriculum Methods Practicum (1)
ED315	Reading and Writing with Young Children (4)	SE223	Career Development (2)
ED318	Reading Assessment and Instruction (3)	SE233	Special Education Processes (2)
ED319	Reading Practicum (1)	SE301	Curriculum Methods—MMD Secondary (3)
ED324	Methods of Teaching Mathematics in the Elementary/Middle School (3)	SE309	Curriculum Methods Practicum (1)
ED326	Children's Literature (3)	SE313	Counseling in Special Education (2)
ED327	Creative Arts (3)	SE321	Diagnostic & Prescriptive Procedures (3)
ED329	Emergent Language (2)	SE340	Mathematics Instruction for Special Needs Students (2)
PE322	Teaching Elem. School Physical Education (3)	SE341	Literacy Instruct. for Special Needs Students (2)
		SE345	Classroom & Behavior Management (3)

THEATRE ARTS

THEATRE ARTS MINOR—MIN. 17-18 HRS.

- TA103 Basic Principles of Theatre (3)
- TA111 Acting I (3)
- TA113 Script Analysis (3)

ONE (1) FROM THE FOLLOWING:

- TA384 Theatre History I (3)
- TA386 Theatre History II (3)
- TA388 Dramatic Literature and Criticism (3)

Guided Electives (200-300 level courses) in Theatre (5-6 hours).