UNIVERSITY OF CENTRAL MISSOURI.
MCC Associate Arts in Teaching
to University of Central Missouri’s 2011 Catalog
Chemistry, Bachelor of Science in Education (9-12 Certification)

AT MCC

UCM equivalencies in parenthesis

American Institutions: 6 hours
HIST 120 U.S. History to 1865 (HIST 1350) or 3
   HIST 121 U.S. History Since 1865 (HIST 1351) 3
POLS 136 Intro. to National American Politics (POLS 1510) 3

Communications: 9 hours
ENGL 101 Composition and Reading I (ENGL 1020) 3
ENGL 102 Composition and Reading II (ENGL 1030) 3
SPDR 100 Fundamentals of Speech (COMM 1000) 3

Mathematics: 3 hours
MATH 180 Analytic Geometry & Calculus I (MATH 1151) 5

Humanities: 3 courses, 3 areas of study, 1 course must 9 hours
be Lit. or Phil.
   Art History or ART 108; Foreign Language 101 or
   higher or SIGN 101 or 102; HUMN: Literature;
   MUCM 112; MUSI 108, 116 or 160; PHIL;
   HIST/HUMN 113 or 134; SPDR 103, 104, 106, 112,
   128, 133 or 228

Natural Sciences: (1 Biological and 1 Physical) 9 hours
BIOL 104 General Botany (BIOL 1111) 5
CHEM 111 General College Chemistry I (CHEM 1131) 5

Social Sciences: (2 courses, 2 areas of study) 6 hours
   PSYC 245 Adolescent Psychology (PSY 4230). 3
   Choose 1 more from the following:
   ANTH, ECON, HIST, POLS, SOCI, SOSC, or
   GEGG (excluding 104, 110, and GIS courses)

Education: 12 hours
EDUC 200 Foundations of Education (EDFL 2100) 3
EDUC 201 Teaching Profession w/ Field Experience (FLDZ 2150) 3
EDUC 270 Educational Psychology (EDFL 2240) 3
EDUC 280 Technology for Teachers (ECEL 2310) 3

Electives: The following classes fulfill elective 8 hours
requirement for the AAT and major requirements at UCM.
If not taken at MCC, must be taken at UCM.
EDUC 285 Education of Exceptional Learners (EDSP 2100) 3
GEOL 101 Physical Geology (EASC 1004) 5
CHEM 112 General College Chemistry II (CHEM 1132) 5

Minimum Hours Required for AAT: 62

Please check with MCC for Placement and/or Prerequisite Courses, Sequencing, etc.

AT UCM

Major Requirements

BIOL 1005 Intro to Environmental Science 3
CHEM 3111 Intermediate Inorganic Chemistry 4
CHEM 3212 Quantitative Analysis 3
CHEM 3341 Organic Chemistry I 4
CHEM 3421 Intermediate Biochemistry 3
CHEM 4050 Science Teaching Methods 3
CHEM 4531 Physical Chem: Thermo & Kinetics or 4
CHEM 4532 Physical Chem: Quantum Mech & Spec

Electives from the catalog, with the faculty advisor 4-6
   *Certain electives must be selected for the Unified
   Science certification in chemistry – certification to
   teach any of the beginning sciences (i.e. Biology I,
   Physics I, etc.) and all levels of chemistry, grades 9-12
EDFL 3500 Sec. Teaching & Behavioral Mgt. 3
FLDZ 3550 Practicum in Secondary Instruction 1
EDFL 4210 Teaching of Reading in Sec. Schools 2
EDFL 4300 Ed. Measurement & Evaluation 2
Student Teaching 12
   (CHEM 4080, FLDZ 4595, & ICAP 4468)

Minimum Hours Required for B.S.E: 120

Students must complete a Writing intensive course AND either a Human
Diversity course or Learning Community as part of the degree requirements.

Updated: March 2012
### FAST FACTS

This guide is based on the UCM 2011 Undergraduate Catalog and is subject to change. This guide is a recommendation only and your actual program may vary. Degree requirements are subject to change. See the current UCM Undergraduate Catalog and the current MCC Course Catalog for a complete listing of academic policies, curriculum, prerequisites, and course descriptions.

| Overall Hours Required for a Degree at UCM | A minimum of 120 hours are required for a degree at UCM.  
| Upper-level Hours Required for a Degree at UCM | Upper-level hours consist of those courses taken at the 3000/4000 level. Transfer courses from community colleges may articulate/substitute as 3000/4000 level. *(Courses taken at a two-year college MAY be articulated for an upper-level course but WILL NOT count towards upper-level credit requirements.)*  
| 30 overall hours of upper-level credits are required for graduation, 20 must be earned at UCM.  
| A major must contain a minimum of 12 upper-level credits, 9 of them must be earned at UCM.  
| A minor must contain a minimum of 1 hour of upper-level credit earned at UCM.  
| Residency Hours Required for a Degree at UCM (minimum hours to be earned at UCM) | A minimum of 30 hours towards a degree must be earned at UCM.  
| A minimum of 15 hours of a major must be earned at UCM. 9 hours of upper-level credits in the major must be earned at UCM.  
| A minimum of 9 hours of the minor must be earned at UCM. At least 1 hour of upper-level credit must be earned at UCM.  
| Admission to Teacher Education: [www.ucmo.edu/cert](http://www.ucmo.edu/cert) | The following requirements must be fulfilled before admission to Teacher Education is granted:  
| 1. DESE Educator Profile & Application for Admissions  
| 2. Complete a minimum of 48 semester hours of college credit with a cumulative GPA no lower than 2.5, and be currently enrolled at UCM.  
| 3. Completion of the following courses with a grade of “C” or higher: EDFL 2100, FLDX 2150, EDFL 2240, ENGL 1020, COMM 1000 or THEA 1100, MATH 1111, 1620, or higher college general education mathematics course  
| 4. Recommendation for admission from the department representing the major area of study  
| 5. Evidence of having passed all five sections of the C-BASE for Teachers  
| 6. Completing a satisfactory state and national criminal background check. The DESE Profile must be built for the Certification Office to view your background check.  
| General Education Assessment (GEA) | All UCM students are required to pass a General Education Assessment test. Teacher Education students must pass all five sections of the College Base for Teachers both for Full Admission to Teacher Education and to fulfill UCM’s General Education Assessment.  
| Minor | This major does not require the completion of a minor. Students may add a minor if they wish.  
| Transfer Work | Arrange for all transfer work to be posted at UCM. An official transcript must be received at UCM directly from each school attended. Individual transfer equivalencies can be found online: [www.ucmo.edu/corequiv](http://www.ucmo.edu/corequiv)  
| Undergraduate Catalogs & link to 4-year-plans | Find the current and past catalogs and 4-year-plans at [www.ucmo.edu/academics/catalogs/](http://www.ucmo.edu/academics/catalogs/)  
| UCM services on MCC campuses | The University of Central Missouri offers transfer preparatory advising to MCC students at the Longview and Blue River campuses on a weekly basis: 660.543.8252  
| UCM Transfer & Transition Services advisor | Students meet with an advisor in Transfer & Transition Services for their initial appointment and enrollment at UCM: 660.543.4721  
| UCM Department Contact |  
| UCM Professional Academic Advisor | Students meet with the College of Education Professional Advisors after their initial enrollment: Brenda Fuhr and Krisana West, 660.543.4888 |