

UNIVERSITY OF CENTRAL MISSOURI

SFCC AA to UCM's 2017 Secondary Education: Physics, BSE (Grades 9-12 Certification)

AA COURSEWORK AT SFCC

UCM equivalencies in parentheses

COMMUNICATIONS – 9 Hours

ENGL 101 Composition and Reading I (ENGL 1020)	3
ENGL 102 Composition and Reading II (ENGL 1030)	3
COMM 101 Public Speaking (COMM 1000)	3

AMERICAN INSTITUTIONS – 3 Hours

HIST 101 (HIST 1350) or HIST 102 (HIST 1351)	3
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SOCIAL SCIENCES – 3 Hours

BADM 101, ECON 1010 (ECON 1010), ECON 102 (ECON 1011), GEOG 101 (GEOG 2212), HIST 108, HIST 109, or POLS 103 (POLS 1500)	3
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BEHAVIORAL SCIENCES – 3 Hours

+*PSY 102 Child Psychology (PSY 2220)	3
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LITERATURE – 3 Hours

LIT 101, LIT 107, LIT 109, LIT 112, or LIT 114	3
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FINE ARTS – 3 Hours

ART 101 (ART 1800), ART 120 (1825), MUS 101 (MUS 1210), MUS 103 (MUS 3211), MUS 104 (MUS 3212), THEA 107 (THEA 2400)	3
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HUMANITIES – 3 Hours

AGRI 106, FREN 101, PHIL 101, PHIL 102, PHIL 102, PHIL 104, SOC 120 (ECEC 2110), SPAN 101 (SPAN 1601)	3
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MATHEMATICS – 3-5 Hours

MATH 130 Calculus & Analytic Geometry I (MATH 1151)	5
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LIFE AND PHYSICAL SCIENCES – 8-10 Hours

Must take one Life Science course and one Physical Science course. At least one of the science courses must have a lab.

Life Sciences:

+BIO 126 Biology II with Lab (BIOL 1112)	5
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Physical Sciences:

+CHEM 123 General Chemistry I with Lab (CHEM 1131)	5
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WELLNESS – 1 Hour

EDUC 110, HLTH 101, WELL 116, WELL 117, WELL 118, WELL 119, WELL 121, WELL 122	1
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GENERAL EDUCATION ELECTIVE – 3 Hours

+ POLS 101 American/National Government (POLS 1510)	3
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ELECTIVES – 22 Hours

+*EDUC 205 Teaching Profession with Field Experience (FLDX 2150)	3
+*EDUC 209 Foundations of Education (EDFL 2100)	3
+*EDUC 220 Educational Psychology (EDFL 2240)	3
+*EDUC 228 Educ. of the Exceptional Child (EDSP 2100)	3
+EASC 101 or 106 (EASC 1004)	5
+PHYS 105 College Physics I with Lab (PHYS 1101)	5

*Courses must be completed with a grade of C or higher.

+ Course should be taken as requirement or elective for AA degree at SFCC. If not taken at SFCC, **must** be taken at UCM.

Minimum Hours Required for AA: 64

PROGRAM REQUIREMENTS AT UCM

SFCC equivalencies in parentheses

Must earn a 3.00 GPA or higher with no grade lower than a C in Major and Professional Education courses.

MAJOR REQUIREMENTS – 27 Hours

BIOL 1003 Intro to Sciences: Ecology, or BIOL 1005 Intro to Environmental Science	3
BIOL 1006 Environmental Science/Ecology Lab	1
CS 1100 Computer Programming	3
CHEM 1132 General Chemistry II (CHEM 124)	5
CHEM 4531 Physical Chemistry: Thermodynamics & Kinetics or PHYS 4411 Thermodynamics	4
CHEM 4532 Physical Chemistry: Quantum Mechanics & Spectroscopy or PHYS 3080 Advanced Physics Laboratory and PHYS 3511 Modern Physics I	4
PHYS 1102 College Physics II (PHYS 106)	4
STCH 3020 Science & Engineering Practices	3

PROFESSIONAL EDUCATION REQUIREMENTS – 30 Hours

EDFL 2250 Introduction to English Language Learners and Culturally Responsive Pedagogy	2
EDFL 4210 Intro to Content Area Literacy	2
EDFL 4212 Literacy in the Disciplines I	2
EDFL 4970 Secondary Teaching & Behavioral Management	2
EDFL 4972 Literacy in the Disciplines II	2
EDFL 4973 Content Specific Classroom Management	1
EDFL 4974 Content Specific Assessment	1
FLDX 3000 Field Experience in the Content Area	1
FLDX 4970 Field Experience II in the Content Area	1
STCH 4010 Exploring Firsthand Science Lessons	1
STCH 4050 Science Teaching Methods	3
Student Teaching Semester:	
FLDX 4468 Student Teaching Secondary II	4
FLDX 4595 Student Teaching Secondary I	4
STCH 4080 Science Learning & Literacy	4

Note: All non-student teaching coursework and tests must be successfully completed prior to enrollment in the student teaching semester.

NO MINOR REQUIRED

NO FREE CHOICE ELECTIVES REQUIRED

Minimum Hours Required for BSE: 124

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REQUIREMENTS FOR THIS MAJOR

- Minimum hours: 123
- Minimum of 30 hours upper level credit (courses numbered 3000 and above). Courses taken at SFCC do not count toward the upper-level requirement though they sometimes may be articulated as upper level classes.
- Minimum of 12 upper level credit hours in major

RESIDENCY REQUIREMENTS FOR A DEGREE AT UCM

- 30 credit hours must be completed at UCM
- 20 upper level hours must be completed at UCM
- 15 credit hours in the major must be from UCM
- 9 upper level hours in the major must be completed at UCM
- The last 12 semester hours must be earned from UCM
- If pursuing a minor, a minimum of 9 hours in the minor must be completed at UCM

TRANSFER WORK

Arrange for all transfer work to be posted at UCM at the time of application. An official transcript must be received at UCM directly from each school attended. Individual transfer equivalencies can be found online at www.ucmo.edu/corequiv.

DUAL ADMISSION

Application for dual admission is strongly recommended to coordinate associate degree completion with degree requirements at UCM. For more information, visit www.ucmo.edu/undergrad/dualadmissions.cfm.

CATALOGS

SFCC catalog: www.sfccmo.edu/offices-services/academic-records-registrar/course-catalogs/

UCM catalog: www.ucmo.edu/catalogs

ADMISSION TO TEACHER EDUCATION

- Students seeking an initial teaching certificate must gain admission to the Teacher Education program. Specific requirements for admission to the Teacher Education program are available in the UCM Undergraduate Catalog and at www.ucmo.edu/cert/admission.cfm.
- Education students must maintain a 2.75 cumulative, 3.0 major, and 3.0 professional education GPA.
- Students finishing their AA degree should plan to complete their DESE Educator Profile and their fingerprinting and background check by the time they start classes at UCM. The background check must be completed through the 3M/Cogent company and posted to the student's DESE profile.

GENERAL EDUCATION ASSESSMENT

All UCM students are required to pass a General Education Assessment test. Teacher Education students must pass all sections of the Missouri General Education Assessment (MOGEA) as required by DESE and for Admission to the Teacher Education program. For more information, visit www.mo.nesinc.com.

UCM DEPARTMENT CONTACT

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UCM ACADEMIC ADVISING

The College of Education Advisors work with all of the Teacher Education programs, CFD, and Occupational Education. Contact your UCM advisor by e-mailing coeadvising@ucmo.edu or calling 660-543-4888.

SFCC OUTREACH

UCM representatives visit State Fair Community college on a regular basis to provide admissions, advising, financial aid, and other UCM information to future UCM transfer students. See the visit schedule at www.ucmo.edu/sfcc.

VALIDITY OF THIS TRANSFER GUIDE

This guide is based on the UCM 2017 Undergraduate Catalog and is subject to change. This guide is a recommendation only and your actual program may vary. Time to degree completion and course sequencing will depend on any credits transferred to UCM, successful completion of the AA, and on planned placement in math, reading, and writing. See the current UCM Undergraduate Catalog (www.ucmo.edu/catalogs) and SFCC Course Catalog (www.sfccmo.edu/offices-services/academic-records-registrar/course-catalogs/) for a complete listing of academic policies, curriculum, prerequisites, and course descriptions.

SPECIAL PROGRAM NOTE

Several of the courses required for this degree are only available in specific semesters. Students are encouraged to work with academic advisor at UCM early and often to ensure timely graduation.