### GENERAL EDUCATION REQUIREMENTS

(45-46 credit hours)

**CORE**

- First Year Writing (3) ____________ ENG 1100, HIST 1111, ENGL 1110, HONORS 1100, FGN LANG 1111
- Math (3) ____________ MATH 1020, MATH 1030, MATH 1045
- Communications (3) ____________ COMM 1030, COMM 1040, COMM 2230, COMM 2240, EDUC 2222, TH DAN 2241
- Information Literacy Course: ____________ (3) ____________ SOC 2280 (refer to BULLETIN for additional options)
- American History & Government Course: ____________ (3) ____________ HIST 1001, HIST 1002, HIST 1003 (refer to BULLETIN for options)

**EXPLORE**

**HUMANITIES/FINE ARTS**

- Course: ____________ (3) ____________

**SOCIAL SCIENCES**

- Course: ____________ (3) ____________

**MATH and LIFE/NATURAL SCIENCES**

- Course: ____________ (3) ____________

**ENG 3100** Junior Level Writing *(ENG 1100, Jr. Standing) (3)

**TOTAL (15-16)**

**CONTENT COURSES FOR B.S. IN SECONDARY EDUCATION-PHYSICS**

(50 credit hours)

1) Science Core Course

- CHEM 1111 Intro Chemistry (5) ____________ GEOL 1001 General Geology (4) ____________
- *(MATH 1030 or 26 ACT or MATH1035-may take concurrently with CHEM 1111)*
- CHEM 1121 Intro Chemistry II (5) ____________ OR ATM SCI 1001 Elementary Meteorology (5) ____________
- BIOL 1851 Introductory Biology: From Molecules to Organisms (5) ____________ OR ASTRON 10XX (5) ____________
- *(MATH 1030&ENGL1100)*
- BIOL 2102 General Ecology (3) ____________ PHYSICS 2111 Mechanics & Heat *(MATH 1900) (5) ____________
- OR Other Environmental Science

2) Physics

- PHYSICS 3200 Mathematical Methods *(MATH 2000) (3) ____________ PHYSICS 3231 Intro to Modern Phys *(MATH 2020) (3) ____________
- PHYSICS 3221 Mechanics *(MATH 2020) (3) ____________ PHYSICS 4310 Modern Electrons (3) ____________
- PHYSICS 3223 Electricity and Magnetism *(MATH 2020) (3) ____________ PHYSICS 4311 Advanced Physics Lab I (3) ____________

**TOTAL (95-96)**

**IMPORTANT: CONSENT NUMBERS ARE REQUIRED FOR PROFESSIONAL EDUCATION COURSES THAT INCLUDE CLINICAL EXPERIENCE HOURS OUTSIDE OF CLASS. YOU MUST MAKE ADJUSTMENTS TO YOUR PERSONAL AND WORK SCHEDULES TO COMPLETE THESE DESE REQUIREMENTS.**

**LEVEL I – EXPLORING EDUCATION AS A PROFESSION**

(9 credit hours)

- TCH ED 2209 Foundations in Teaching in American Schools (Req. 15 School hours) (3) ____________
- ED PSY 2212 Learners & Learning in Diverse Cultural Contexts *(PSYCH 1003) (Req. 10 Agency hours (3) ____________
- EDUC 1000 Building Community, Culture and Learning in Education (Req. 10 Agency hours) (3) ____________

Note: MEP (Missouri Educator Profile) is included in EDUC 1000

**TOTAL (104-105)**

**STOP------DO NOT PASS GO UNTIL YOU HAVE SUCCESSFULLY COMPLETED THE FOLLOWING:**

**TEACHER EDUCATION PROGRAM (TEP) ADMISSION REQUIREMENT** - [http://coe.umsl.edu/portal/](http://coe.umsl.edu/portal/)

- 2.75 Cumulative GPA
- 3.0 Content GPA
- 3.0 Professional Education GPA
- Missouri Educator Profile (MEP)

Pass MoGEA (Missouri General Education Assessment) English Math Science/ Social Studies Writing
LEVEL II – ANALYZING THE NATURE AND PROCESS OF EDUCATION

Must be admitted to the Teacher Education Program to enroll in the following courses.

(12 credit hours)

TCH ED 3310 Methods of Teaching w Technology (2) ___ ___
ED TECH 3135 Technology for Educators (1) ___ ___
ED PSY 3312 Psych of Learning, Instruc & Assessment (3) ___ ___

SPEC ED 3318 Inclusive Classrooms (+20 Agency hrs) (3) ___ ___
TCH ED 4391 Literacy for Adol Lrnrs in Content Areas (+20 School hrs) (3) ___ ___
(+15 Home hours)

Total (116-117)

LEVEL III – SYNTHESIZING THEORY AND PRACTICE IN EDUCATION

Entrance into Level III is based on completion of all coursework in Levels I & II, as well as prerequisite courses required by advanced methods courses.

(20 credit hours)

Practicum Courses: Students MUST apply and be admitted to Practicum I through the College of Education Portal website http://coe.umsl.edu/portal/ prior to registering for any Practicum Course. Please contact your designated advisor for acceptance inquiries. For technology assistance, including uploading documents, visit the E. Desmond Lee Technology and Learning Center (TLC) 314-516-4800, Marillac Suite 100. For placement/permission number inquiries, contact the Office of Clinical Experience & School Partnerships 314-516-6792.

NOTE: Physics Methods and Practicum I must be taken concurrently the semester before Practicum II. These courses are offered only during the Fall semester.

SEC ED 3240 Curriculum and Methods of Tchng Physical Science (3) ___ ___
MO Content Assessment ** (mo.nesinc.com) Test # ___ ___
Passing Score: ___ ___ Date ___ ___

NOTE: This is a course requirement for PI

Practicum II and teaching seminar must be taken concurrently and are offered only during the Spring semester.

SEC ED 4837 Chemistry/Physics Teaching Intern Seminar (2) ___ ___
SEC ED 4989 Practicum I: Site Based Experience (3) ___ ___

SEC ED 4990 Practicum II: Site Based Experience (12) ___ ___

Total (136-137)

ADDITIONAL COURSES FOR UNIFIED SCIENCE EMPHASIS

(14 credit hours)

GEOL 1001 General Geology OR (4) ___ ___
ATM SCI 1001 Elementary Meteorology OR (4) ___ ___
ASTRON 1001 Cosmic Evolution Introductory Astronomy (4) ___ ___

BIOL 1821 Intro Biol II: Organisms & The environment (5) ___ ___
CHEM 1121 Introductory Chemistry II (5) ___ ___

Total (150-151)

EXAM AND GRADUATION INFORMATION

MO Content Assessments (MCA)** - (mo.nesinc.com) SCORE 

Missouri Pre-Service Teacher Assessment (MoPTA) PASS/FAIL

2.75 Cumulative GPA ___ 3.0 Professional Education GPA ___ * Grade of C or better required in all Professional Education Courses

Last 30 hours of coursework must be completed at UM-St. Louis YES/NO

I acknowledge that my advisor and I completely and thoroughly reviewed the information contained herein and I understand all of the degree requirements specified for this degree program.

STUDENT’S SIGNATURE ______________________________ DATE ______________

ADVISOR’S SIGNATURE ______________________________ DATE ______________

COMMENTS

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Contact Information:

Phone: _____________________ Best time to call: _____________________

Email: _____________________

7/2015