

JEFFERSON COLLEGE AAT TRANSFER GUIDE TO UNIVERSITY OF MISSOURI – ST. LOUIS BACHELOR OF SCIENCE IN MIDDLE SCHOOL EDUCATION MATHEMATICS CONCENTRATION

This Guide is intended for the use of students who plan on transferring from Jefferson College (JC) with a completed Associate of Arts in Teaching to the University of Missouri – St. Louis (UMSL) to pursue a Bachelor of Science in Middle School Education Mathematics concentration. For more information on this degree program, please visit our online course catalog.

The following are the requirements of the Jefferson College Associate of Arts in Teaching degree program as they are recommended for students intending to continue to UMSL. Completing these requirements as they are recommended here will maximize the transferability of a student's coursework toward their UMSL Bachelor's degree. Further details of this Associate degree program, as well as comprehensive lists of courses that satisfy each General Education component, may be found within the Jefferson College course catalog or may be obtained through a JC academic advisor.

Due to course requirements for professional licensing, CORE 42 is not the suggested route for transfer for those seeking a Bachelor of Science in Education degree from UMSL. Students may opt for CORE 42, but additional general education courses may be needed due to DESE requirements

This guide is intended for use under advisement of a JC Academic Advisor or UMSL Admissions Counselor and is not considered to be substitution of such advisement.

GENERAL EDUCATION

COMMUNICATIONS – WRITTEN & ORAL

9 HOURS REQUIRED

- ENG 101 English Composition I (MOTR ENGL 100) (3)
- ENG 102 English Composition II (MOTR ENGL 200) (3)
- COM 110 Public Speaking (MOTR COMM 110) (3)

MATHEMATICAL SCIENCES

3 HOURS REQUIRED

- Complete one of the following:
 - MTH 141 Precalculus (MOTR MATH 150) (5)
 - MTH 180 Calculus I (5)

SOCIAL & BEHAVIORAL SCIENCES

9 HOURS REQUIRED

MUST BE FROM 2 DIFFERENT AREAS OF STUDY

- Complete 1 course from the following:
 - HST 103 U.S. History I to Reconstruction (MOTR HIST 101) (3)
 - HST 104 U.S. History II from Reconstruction (MOTR HIST 102) (3)
 - PSC 102 U.S. and Missouri Governments (MOTR POSC 101) (3)
- PSY 101 General Psychology (MOTR PSYC 100) (3)
- PSY 205 Life Span Human Development (MOTR PSYC 200) (3)

HUMANITIES & FINE ARTS

9 HOURS REQUIRED

MUST BE FROM 2 DIFFERENT AREAS OF STUDY

***THERE IS A LIMIT OF THREE (3) CREDIT HOURS OF PERFORMANCE COURSES THAT CAN BE APPLIED TO THE CORE 42 TOTAL.**

- EDU 240 Multicultural Education (3)
- Complete 1 additional course in Humanities and Fine Arts from MOTR list:_____ (3)
- Complete 1 additional course in Humanities and Fine Arts from MOTR list:_____ (3)

NATURAL SCIENCES

7 HOURS MINIMUM REQUIRED, MUST INCLUDE 1 LAB COURSE

***2 COURSES REQUIRED – 1 FROM BIOLOGY AND 1 FROM PHYSICS/CHEMISTRY**

- Complete 1 Biology course from the following:
 - BIO 101 General Biology (MOTR BIOL 100L) (5)
 - BIO 102 Concepts in Biology (MOTR BIOL 100) (3)
 - BIO 109 Ecology and Environmental Conservation (MOTR BIOL 100EC) (3)
 - BIO 205 General Botany (MOTR BIOL 150L) (5)
 - BIO 206 General Zoology (MOTR BIOL 150LZ) (5)
 - BIO 211 Anatomy and Physiology I (4)
- Complete 1 Physics or Chemistry course from the following:
 - CHM 101 Introductory Chemistry (MOTR CHEM 100L) (5)
 - CHM 102 Concepts in Chemistry (MOTR CHEM 100) (3)
 - CHM 111 General Chemistry I (MOTR CHM 150L) (5)
 - PHY 101 Survey of Physical Science (MOTR PHYS 110L) (5)
 - PHY 102 Topics in the Physical Sciences (MOTR PHYS 110) (3)
 - PHY 105 Physical Geology (MOTR GEOL 100L) (4)
 - PHY 106 Introduction to Astronomy (MOTR ASTR 100L) (4)
 - PHY 223 General Physics I (MOTR PHYS 200L) (5)

ADDITIONAL GENERAL EDUCATION HOURS

5 HOURS REQUIRED

- MTH 130 Structure of the Real Number System (3)
- Any 2000 level Math elective

AAT REQUIRED EDUCATION COURSES

13 HOURS REQUIRED

- EDU 105 Exploring the Field of Education (1)
- EDU 205 Education Technology (3)
- EDU 210 Foundations of Education in a Diverse Society (3)
- EDU 225 Educational Psychology (3)
- EDU 230 Teaching Profession with Field Experience (3)

ELECTIVES

7 HOURS REQUIRED

- EDU 235 Education of Exceptional Learners (3)
- Complete 1 course from the following:
 - MTH 168 Probability and Statistics (3)
 - MTH 172 Linear Algebra (3)
 - MTH 180 Calculus I (5)

TEACHER EDUCATION REQUIREMENTS

All Teacher Education students must meet the following requirements to be fully accepted into the Teacher Education Program and take junior level course work.

- A Cumulative College GPA of 2.75 or higher
- An Education GPA of 3.0 or higher
- A Content Area (Middle School and Secondary) GPA of 3.0 or higher
- A score of 220 or higher on all sections of MOGEA assessment exam except for writing, which requires a 193 or higher, or Composite Score of 20 or higher on ACT
- Family Care Safety Registry* background check and a TB Test
- Completion of all Level I course requirements



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