# ASSOCIATE OF ARTS TO A BACHELOR OF SCIENCE IN ACTUARIAL SCIENCE

## UNIVERSITY OF MISSOURI – ST. LOUIS

### EAST CENTRAL COLLEGE

**TRANSFER GUIDE**

This Guide is intended for the use of students who plan on transferring from East Central College (ECC) with a completed Associate of Arts to the University of Missouri - St. Louis (UMSL) to pursue a Bachelor of Science in Actuarial Science.

For more information on UMSL’s Bachelor of Science in Actuarial Science, please visit our online Course Catalog.

The following are the requirements of the ECC Associate of Arts degree program as they are recommended for students intending to continue on into UMSL’s Bachelor of. 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 Associates degree program, as well as comprehensive lists of courses that satisfy each General Education component, may be found within the ECC course catalog or may be obtained through an ECC advisor.

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

### GENERAL EDUCATION – CORE 42

#### COMMUNICATIONS – WRITTEN & ORAL

- 9 HOURS REQUIRED
- ENG 101 English Comp I (MOTR ENGL 100) (3)
- ENG 102 English Comp II (MOTR ENGL 200) (3)
- Complete 1 of the following courses:
  - COM 101 Oral Communications (MOT COMM 100) (3)
  - COM 110 Public Speaking (MOTR COMM 110) (3)

#### MATHEMATICAL SCIENCES

- MTH 170 College Algebra (MOTR MATH 130) (3)

#### SOCIAL & BEHAVIORAL SCIENCES

- 9 HOURS REQUIRED
- Must be from 2 different areas of study
- Complete 1 of the following courses (Civics)
  - HST 101 U.S. History to 1877 (MOTR HIST 101) (3)
  - HST 102 U.S. History since 1877 (MOTR HIST 102) (3)
  - PSC 102 US Government I: National & State (MOTR PSOC 101) (3)
- ECO 101 Principles of Macroeconomics (MOTR ECON 101) (3)
- ECO 102 Principles of Microeconomics (MOTR ECON 102) (3)

#### HUMANITIES & FINE ARTS

- 9 HOURS REQUIRED
- Must be from 2 different areas of study
- MUS 151 World Music (MOTR MUSC 102) (3) *(meets UMSL’s cultural diversity requirement)*
- Complete course in Humanities & Fine Arts from MOTR list (3)
- Complete course in Humanities & Fine Arts from MOTR list (3)

#### NATURAL SCIENCES

- 7 HOURS minimum required, must include 1 lab course
- Must be from 2 different areas of study
- Complete 1 laboratory course in Natural Sciences from MOTR list (4-5)
- Complete 1 additional course in Natural Science from MOTR list (3)

#### CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)

- MTH 171 Trigonometry (3)
- Elective: ________________

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GENERAL ELECTIVES FOR AA-GENERAL TRANSFER STUDIES (60 HOURS MINIMUM)
☐ ACC 102 Financial Accounting (3)
☐ CIS 101 Microcomputer Applications (3)
☐ MTH 190 Analytic Geometry & Calculus I (5)
☐ MTH 210 Analytic Geometry & Calculus II (5)
☐ MTH 220 Analytic Geometry & Calculus III (5)
☐ MTH 241 Linear Algebra (3) *Not required for degree, but strongly recommended
☐ MTH 242 Engineering Statistics (3)

For any questions regarding this guide please contact the UMSL Office of Admissions at (314) 516-5451.

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