**GENERAL EDUCATION – CORE 42**

**Communications – Written & Oral**
- 9 hours required
  - ENG 101 English Composition I (MOTR ENGL 100) (3)
  - ENG 102 English Composition II (MOTR ENGL 200) (3)
  - Complete one of the following courses:
    - COM 100 Fundamentals of Communication (MOTR COMM 100) (3)
    - COM 110 Public Speaking (MOTR COMM 110) (3)

**Mathematical Sciences**
- 3 hours required
  - MTH 141 Precalculus (MOTR MATH 150) (5)

**Social and Behavioral Sciences**
- 9 hours required
  - Complete 1 of the following courses (Civics Requirement)
    - HST 103 U.S. History I to Reconstruction (MOTR HIST 101) (3)
    - HST 104 U.S. History II to Reconstruction (MOTR HIST 102) (3)
    - PSC 102 U.S. and Missouri Govt and Const (MOTR POSC 101) (3)
  - Complete 2 additional courses in Social and Behavioral Sciences from MOTR list (3)

**Humanities and Fine Arts**
- 9 hours required
  - PHL 201 World Religions (MOTR RELG 100) (3) *course will fulfill UMSL’s Cultural Diversity requirement*
  - Complete Level I in a Foreign Language Sequence* (4)
  - Complete Level II in a Foreign Language Sequence* (4)
**ASSOCIATE OF ARTS TO A BACHELOR OF ARTS IN BIOLOGY**

**Life and Physical Sciences**  
7 hours minimum required, must include 1 lab  
- CHM 111(H) General Chemistry I (MOTR CHEM 150L) (5)  
- BIO 206 General Zoology (MOTR BIOL 150LZ) (5)

**CORE 42 ELECTIVE(S) (MOTR COURSES TO REACH 42 CREDIT HOURS)**  
- None if above courses are followed

**REQUIRED ELECTIVES for AA-General Transfer Studies (60 hours minimum)**  
- Complete Level III in a Foreign Language Sequence* (3)  
- BIO 205 General Botany (MOTR BIOL 150L) (5)  
- MTH 161 Calculus for Business and the Social Sciences (3)  
- CHM 112 General Chemistry II (5)  
- PHY 111 Elementary College Physics I (5)

* Students pursuing a Bachelor of Arts in Biology at UMSL must complete three levels of coursework in a Foreign Language. At JC, a student can complete all three of these levels in French and Spanish through the completion of one of the following sequences of courses:  
- FRN 101, 102, 201  
- SPN 101, 102, 201  
- GRM 101, 102, 202  
  *Note UMSL does not offer German anymore therefore if you start the sequence with JC you will need to complete the sequence to fulfill the language requirement for German.*

For questions about this transfer guide please call the Office of Admissions at 314-516-5451