

UNIVERSITY OF MISSOURI- ST. LOUIS  
AND  
JEFFERSON COLLEGE

ASSOCIATE IN ARTS IN GENERAL EDUCATION leading to a BACHELOR OF ARTS in

**BIOLOGY**

**FIRST SEMESTER**

<b>Jefferson College Course (Hours)</b>	<b>UMSL Equivalent</b>
ENG 101 English Composition I (3)	<i>Approved Elective</i>
MTH 134 College Algebra (3)	<i>Math 1030</i>
COL 101 Introduction to College (1)	<i>Free Elective</i>
BIO 205 General Botany (5)	<i>Biol 1811</i>
*Lang 101 Beginning Language (5)	<i>Lang 1001</i>

Semester Hours: (17)

**THIRD SEMESTER**

<b>Jefferson College Course (Hours)</b>	<b>UMSL Equivalent</b>
SPD 175 Public Speaking (3)	<i>Commun 1040</i>
HST 103 U.S. History I (3) <b>or</b>	<i>Hist 1001</i>
HST 104 U.S. History II (3)	<i>Hist 1002</i>
CHM 111 General Chemistry I (5)	<i>Chem 1111</i>
*Lang 201 Lang. Gram. & Comp.(3)	<i>Lang 2101</i>
Humanities (3)	<i>Gen Ed</i>

Semester Hours: (17)

**FIFTH SEMESTER**

<b>UMSL Course (Hours)</b>
ENGLISH 3160 Writing in the Sciences (3)
CHEM 1121 Introductory Chemistry II (5)
MATH 1100 Basic Calculus (3)
BIOL 2012 Genetics (3)
BIOL 2013 Genetics Laboratory (2)

Semester Hours: (16)

**SEVENTH SEMESTER**

<b>UMSL Course (Hours)</b>
PHYS 1011 Basic Physics I (4)
BIOL 3622 Cell Biology (3)
2000 Level or above Biology Lecture (3)
2000 Level or above Biology Laboratory (2)
4000 Level or above Biology Lecture (3)

Semester Hours: (15)

**SECOND SEMESTER**

<b>Jefferson College Course (Hours)</b>	<b>UMSL Equivalent</b>
ENG 102 English Composition II (3)	<i>Approved Elective</i>
PSC 102 U.S.& MO Gov.& Const.(3)	<i>Pol Sc 1100</i>
*Lang 102 Intermediate Language (5)	<i>Lang 1002</i>
Humanities (3)	<i>Gen Ed</i>
Social & Behavioral Science (3)	<i>Gen Ed</i>

Semester Hours: (17)

**FOURTH SEMESTER**

<b>Jefferson College Course (Hours)</b>	<b>UMSL Equivalent</b>
**CIS 125 Intro to Data Process. (3)	<i>Bus Ad 1800</i>
MATH 133 Trigonometry (3)	<i>Math 1035</i>
BIO 206 General Zoology (5)	<i>Biol 1821</i>
Humanities (3)	<i>Gen Ed</i>
Social & Behavioral Science (3)	<i>Gen Ed</i>

Semester Hours: (17)

**SIXTH SEMESTER**

<b>UMSL Course (Hours)</b>
BIOL 3302 Introduction to Evolution (3)
CHEM 2612 Organic Chemistry I (3)
CHEM 2633 Organic Chemistry Laboratory (2)
Biology Diversity Course (3)
Upper Level Elective (3)

Semester Hours: (14)

**EIGHTH SEMESTER**

<b>UMSL Course (Hours)</b>
PHYS 1012 Basic Physics II (4)
BIOL 4122 Biometry (3)
BIOL 4889 Senior Seminar (2)
BIOL 4905 Research (2)
Upper Level Elective (3)

Semester Hours: (14)

## **DEGREE NOTES:**

\* Jefferson College students can complete a foreign language sequence in French or Spanish for satisfactory equivalence and completion of the UMSL Foreign Language requirement. It is **strongly** recommended that **all** foreign language proficiency courses be completed at Jefferson College or at UMSL. If the proficiency sequence is incomplete at the time of transfer, students will be required to take the UMSL Foreign Language Placement exam before being permitted to take additional foreign language courses.

\*\* If a student shows computer literacy proficiency skills through testing, the *CIS 124 Introduction to Data Processing* may be substituted by an Approved Elective course. Approved Elective courses should always be chosen based on your major and the transfer institution.

A minimum of 120 hours is required for the Bachelor of Arts in Biology.

Free Elective hours do not count towards the total required for graduation at the University of Missouri-St. Louis.

Students completing a degree from a Missouri community college that includes a CBHE approved general education core will be allowed transfer credit of more than 64 hours only if the additional lower division credits are applicable to the baccalaureate degree or are prerequisites for upper division courses in the major.

A maximum of 60 hours may transfer without the completion of a degree including a CBHE approved general education core.

Please seek advisement from your Jefferson College Academic Advisor for assurance of Associates degree completion.

## **IT IS IMPORTANT TO CONTACT AN UMSL TRANSFER COORDINATOR EACH SEMESTER:**

Susan Bateman, University of Missouri- St. Louis Transfer Coordinator, (636) 797-3000: ext. 244.

For additional information contact Carol Weber in the University of Missouri- St. Louis Biology Department: 223 Research Building, (314) 516-6216, cweber@umsl.edu.