



Associate of Science
Biology

James Buchanan (Ext. 222)

Faculty Advisor/Program Director

Student Name

Academic Advisor

Telephone Number

Student ID Number

Date

Advisor Notes:

This worksheet is designed to help you successfully plan and track your progress toward your degree. It lists all of the current graduation requirements in the recommended sequence. For full course descriptions, please refer to the current catalog.

The Associates of Science degree in Biology provides the foundations needed for the completion of a Bachelor of Science degree in Biology at a four-year institution. Coursework is broad enough that students may specialize in premedical studies, ecology, biotechnology, wildlife biology or secondary education with a science teaching emphasis.

In order to increase chances of success in more advanced courses, it is strongly recommended that students complete the Core 4 in the first two semesters. Choices in the General Education Courses can be added to reach semester requirements. All Program Requirements should be taken after the General Education courses have been completed.

- All students must take the University Skills Placement Text prior to beginning this program.
- Student must have an ENMU Campus System cumulative GPA of 2.00 in order to meet graduation requirements.
- All lectures and corresponding labs must be taken simultaneously.
- Student should submit a Graduation Application before the close of the semester preceding the expected completion date.

Courses only offered once a year are identified at the end of the course title with the following designations: F = fall only; S = spring only. Course enrollment may determine whether or not a course will be offered.

MATH Placement: _____

ENGL Placement: _____

CORE 4: Complete within the first two semesters

	Course	Credits	Grade	Semester
PSYC 1110: Introduction to Psychology	PSYC 1110	3	_____	_____
ENGL 1110: Composition I*	ENGL 1110	3	_____	_____
ENGL 1120: Composition II*	ENGL 1120	3	_____	_____
MATH 1220: College Algebra*	MATH 1220	3	_____	_____

GENERAL EDUCATION COURSES: Focus on completing within the first two semesters

	Course	Credits	Grade	Semester
COMM 2120: Interpersonal Communication or COMM 1130: Public Speaking	COMM	3	_____	_____
BIOL 2110/2110L: Principles of Biology: Cellular and Molecular Biology and Lab	BIOL 2110/L	4	_____	_____
PHIL 2110: Introduction to Ethics	PHIL 2110	3	_____	_____
MATH 1350: Introduction to Statistics*	MATH 1350	4	_____	_____
Any Creative and Fine Art**		3	_____	_____
Any Humanities or Creative and Fine Art*		3	_____	_____



PROGRAM REQUIREMENTS

	Course	Credits	Grade	Semester
BIOL 2610/2610L: Principles of Biology: Biodiversity Ecology, and Evolution and Lab	BIOL 2610/L	4	_____	_____
BIOL 2210/2210L: Anatomy and Physiology I and Lab*	BIOL 2210/L	4	_____	_____
BIOL 2225/2225L: Anatomy and Physiology II and Lab*	BIOL 2225/L	4	_____	_____
CHEM 1215/1215L: General Chemistry I for STEM Majors and Lab*	CHEM1215/L	4	_____	_____
CHEM 1225/1225: General Chemistry II for STEM Majors and Lab*	CHEM1225/L	4	_____	_____
PHYS 1230/1230L: Algebra-based Physics I*	PHYS1230/L	4	_____	_____
MATH 1510: Calculus I*	MATH 1510	4	_____	_____
Science Elective (choose one): BIOL 2120/L, BIOL 2310/L, GEOL 1110/L, PHYS 1240/L		3-4	_____	_____
Total Hours Required for Degree		63-64		

***Prerequisites:**

Course	Title	Prerequisite
ENGL 1110	Composition I	ENG 096 or satisfactory placement or ACT scores Must pass with a "C" or better.
ENGL 1120	Composition II	ENGL 1110
MATH 1220	College Algebra	MATH 1215 with a "C" or better or satisfactory placement on ACT scores
MATH 1510	Calculus I	A "C" or better in MATH 1220 and MATH 1230 or a satisfactory score on Math Placement test or ACT/SAT or appropriate high school GPA (within last 3 years). Please consult your advisor.
BIOL 2210/L	Anatomy and Physiology I and Lab	BIOL 2110-Principles of Biology (Cellular) and Lab with a grade of "C" or better in each course. (Chemistry 1215/1215L is strongly recommended.) Corequisite: 2210L.
BIOL 2225/L	Anatomy and Physiology II and Lab	BIOL 2210 with a "C" or better. (Chemistry 1215/1215L is strongly recommended.) Corequisite: 2225L.
CHEM 1215/L	General Chemistry I for STEM and Lab	NEXT-GEN ACCUPLACER scores as specified in each area: 250 or better in Arithmetic, 250 or better in Quantitative Reasoning, 236 or better in Advanced Algebra. Alternative to NEXT-Gen ACCUPLACER scores: minimum ACT math score of 23 or minimum of C in MATH 1215 or higher math course. Corequisite: CHEM 1215L
CHEM 1225/L	General Chemistry II for STEM and Lab	CHEM 1215 and NEXT-GEN ACCUPLACER scores as specified in each area: 250 or better in Arithmetic, 250 or better in Quantitative Reasoning, 236 or better in Advanced Algebra. Alternative to NEXT-Gen ACCUPLACER scores: minimum ACT math score of 23 or minimum of C in MATH 1215 or higher math course. Corequisite: CHEM 1225L
PHYS 1230/L	Algebra-Based Physics I and Lab	A "C" or better in MATH 1220, 1230, or 1510) or a satisfactory score on Math Placement test or ACT/SAT. Corequisite: PHYS 1230L

****Options for this requirement:**

Requirement	Options
Humanities (Gen Ed)	HIST 1110, HIST 1120, HIST 1150, HIST 1160, HIST 2110, HUMN 1110, HUMN 2110, PHIL 1115, PHIL 1120, RELI 1110, ENGL 1410, ENGL 2630, ENGL 2640
Fine and Creative Arts (Gen Ed)	ARTS 1110, ARTS 2110, MUSC 1110/1120, MUSC 1130, THEA 1110, ARTS 1610, ARTS 2160, ARTS 2140, ARTS 1310, ARTS 2130