



2019-2020

Degree Planning Worksheet

Biology Associate of Science (AS)

James Buchanan

Area Director

Student Name Academic

Advisor

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Telephone Number

Student ID Number

Date

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.

SEQUENCE: In order to increase chances of success in more advanced courses, it is **strongly recommended** that students complete the Core 5 in the first two semesters. Choices in the General Education courses can be added to reach semester requirements. All Program Required courses should be taken AFTER General Education courses have been completed.

Courses only offered once a year are identified at the end of the course title with the following designations: **F** = fall only; **Sp** = spring only. NOTE: Course enrollment determines whether a course will be offered each semester.

Advisor's Notes/Recommendations

- In order to improve student success probability and reduce unnecessary attrition, all students must take the University Skills Placement Test prior to entering the program.
- All lectures and corresponding labs must be taken simultaneously.
- Student must have an **ENMU Campus System** cumulative grade point average of 2.0 in order to meet graduation requirements.
- Submit a Graduation Application before the close of the semester preceding the expected completion date.

Program Requirements

- Requirements must be met from the General Education Common Core.

CORE 5: Complete within the first two semesters

Course #	Course Title	Course	Credits	Grade	Semester
ENGL 1110	*Composition I	ENGL 1110	3		
COMM	Comm 2120 Interpersonal Communication OR COMM 1130 Public Speaking	COMM 2120 OR COMM 1130	3		
BIOL 2110	Principles of Biology: Cellular and Molecular Biology	BIOL 2110	3		
BIOL 2110L	Principles of Biology: Cellular and Molecular Lab	BIOL 2110L	1		
MATH 1220	*College Algebra	MATH 1220	3		
PSYC 1110	Introduction to Psychology	PSYC 1110	3		



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GENERAL EDUCATION COURSES: <i>Focus on completing within the first two semesters</i>					
Course #	Course Title	Course	Credits	Grade	Semester
ENGL 1120	*Composition II	ENGL 1120	3		
MATH 1350	*Introduction to Statistics	MATH 1350	4		
PHIL 211	Ethics	PHIL 211	3		
Fine Arts (Select one)	ARTS 2160, ARTS 2140, ARTS 1310, ARTS 2130, MUSC 1120, THEA 1110		3		
Humanities or Fine Arts (Select one)	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, SPAN 1110, SPAN 1120, ARTS 2160, ARTS 2140, ARTS 1310, ARTS 2130, MUSC 1120, THEA 1110		3		

PROGRAM REQUIREMENTS					
Course #	Course Title	Course	Credits	Grade	Semester
BIOL 2610	Principles of Biology: Biodiversity, Ecology, and Evolution (Sp)	BIOL 2610	3		
BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution Lab (Sp)	BIOL 2610L	1		
BIOL 2210	*Human Anatomy and Physiology I	BIOL 2210	3		
BIOL 2210L	*Human Anatomy and Physiology I Lab	BIOL 2210L	1		
BIOL 2225	*Human Anatomy and Physiology II	BIOL 2225	3		
BIOL 2225L	*Human Anatomy and Physiology II Lab	BIOL 2225L	1		
BIOL 222	*Introductory Cell Biology (F)	BIOL 222	3		
CHEM 151	*General Chemistry I	CHEM 151	3		
CHEM 151L	* General Chemistry I Lab	CHEM 151L	1		
CHEM 1225	*General Chemistry II for STEM Majors	CHEM 1225	3		
CHEM 1225L	*General Chemistry II for STEM Majors Lab	CHEM 1225L	1		
MATH 1510	*Calculus I	MATH 1510	3		



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PROGRAM REQUIREMENTS					
Course #	Course Title	Course	Credits	Grade	Semester
PHYS 1240	*Algebra-based Physics	PHYS 1240	3		
PHYS 1240L	*Algebra-based Physics Lab	PHYS 1240L	1		
Total Hours Required for Degree					63 hrs

***Prerequisites:**

Course	Prerequisite
ENGL 1110 Composition I	Satisfactory ACT scores or ENG 096
ENG 1120 Composition II	Satisfactory ACT scores or ENGL 1110
BIOL 2210/L Human Anatomy and Physiology I	BIOL 2110/L with a grade of "C" or better
BIOL 2225/L Anatomy and Physiology II and Lab	BIOL 2210/L with a grade of "C" or better
BIOL 222 Cell Biology	BIOL 2110/L and 2120/L
CHEM 151/L	MATH 1130 or higher
CHEM 1225/L General Chemistry II for STEM Majors and Lab	CHEM 151/L
MATH 1220 College Algebra	Satisfactory High School GPA, ACCUPLACER and ACT scores or MATH 1215
MATH 1350 Introduction to Statistics	Satisfactory High School GPA, ACCUPLACER and ACT scores or MATH 1215
MATH 1510 Calculus I	Satisfactory High School GPA, ACCUPLACER and ACT scores or MATH 1220
PHYS 1240/L Algebra-based Physics and Lab	MATH 1220