

NAME \_\_\_\_\_ STUDENT ID \_\_\_\_\_  
 MA \_\_\_\_\_ ENG \_\_\_\_\_ READING \_\_\_\_\_ MFL \_\_\_\_\_  
 SAT SCORES \_\_\_\_\_ MATH \_\_\_\_\_ VERBAL \_\_\_\_\_

BACHELOR OF SCIENCE - BIOLOGY

Semester 1

4 BIOL 117 Prin of Ecol and Evol  
 3 CS 106 Or 107 Intro Compt.  
 3 ENG W131 Elementary Composition  
 4 CHM 115 General Chemistry  
 4 MFL 113 Foreign Language

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Semester 2

4 BIOL 119 Prin of Struct and Funct  
 3 STAT 240 Stat Meth for Biology  
 4 CHM 116 General Chemistry  
 3 General Education Elective  
 3 ENG W233 Inter Expos Writing

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Semester 3

3 BIOL 217 Intermediate Ecology -or-  
 BIOL 219 Prin. of Functional Biol.  
 3 CHM 255 Organic Chemistry  
 1 CHM 254 Organic Chemistry Lab  
 3 COM 114 Fundamentals of Speech  
 3 STAT 340 Elementary Stat Methods II  
 3 General Education Elective

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Semester 4

4 BIOL 218 Genetics & Molecular Biol  
 3 MA 229 Calculus-Mng, Soc, Biol, Sci  
 3 CHM 256 Organic Chemistry  
 1 CHM 258 Organic Chemistry Lab  
 3 Approved Creative & Art Expression  
 3 General Education Elective

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IPFW Required General Education :

- Area-II\* 6 credits in Natural and Physical Science (NPS) courses. Major requirements satisfy this requirement.  
 Area-III\* 6 credits in The Individual, Culture, and Society (ICS) courses. See Bulletin for details.  
 Area-IV\* 6 credits in Humanistic Thought (HT) courses. See Bulletin for details.

\*Referred to as G2, G3, and G4 in the Schedule of Classes.

Courses in the Major Sequencing with Pre/Corequisites noted

- A student who has completed two years of a foreign language in high school should enroll in the 113 course if he/she wants to continue in that language to satisfy the foreign language requirement. For a student planning on taking MFL 111-112, it is recommended that these courses not be taken until after he/she has attained junior status, i.e., not until semester 5.
- Biology option, pre-professional option, 3+1 medical technology option.
- BIOL 117 [Placement at or above ENG W131 and MA 153 and exemption or completion of ENG R150 are prerequisites]. [Fall only course]
- BIOL 119 [Placement at or above ENG W131 and MA 153 and exemption or completion of ENG R150 are prerequisites]. [Spring only course]
- STAT 240 [MA 153 is prerequisite] [Spring only course]
- STAT 340 [STAT 240 is prerequisite] [Fall only course]

Prerequisites:

- BIOL 217 [BIOL 117 and 119 are prerequisites] [Fall only course]
- BIOL 218 [BIOL 117, 119 and CHM 116 are prerequisites] [Spring only course]
- BIOL 219 [BIOL 117, 119 and CHM 116 are prerequisites] [Fall only course]
- CHM 115 [One year of high school chemistry in last four years or CHM 111 with a grade of C or higher and MA 113 with a grade of C or higher or placement at MA 153 or above are prerequisites]
- CHM 116 [CHM 115 with a grade of C or higher is a prerequisite and MA 154 or above is a corequisite]
- CHM 254 [CHM 255 is corequisite] [Fall only course]
- CHM 255 [CHM 116 is prerequisite] [Fall only course]
- CHM 256 [CHM 255 is prerequisite] [Spring only course]
- CHM 258 [CHM 256 is corequisite] [Spring only course]

SCHOOL: A&S DEPARTMENT: Biology  
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