

College of Eastern Idaho Academic Plan

Microbiology Pathway

Comparable majors found at: BSU, BYUI, ISU, UI, and USU

COURSES BLOCK 1 FRESHMAN FALL	CREDITS	BLOCK 1 NOTES
ENGL 101 Writing and Rhetoric I	3	
COMM 101 Fundamentals of Oral Communication	3	
BIOL 201/L Biology I & Lab	4	
* MATH 147 College Algebra and Trigonometry	5	<i>Prerequisite: MATH 108 or equivalent placement</i>

SEMESTER TOTAL **15**

COURSES BLOCK 1 FRESHMAN SPRING	CREDITS	BLOCK 1 NOTES
ENGL 102 Writing and Rhetoric II	3	<i>Prerequisite: ENGL 101</i>
CHEM 111 General Chemistry 1	5	<i>Prerequisite: Math 143 or 147</i>
MATH 170 Calculus I	4	<i>Prerequisite: MATH 147*</i>
Social Science GEM Course	3	<i>Different prefix from previous term</i>

SEMESTER TOTAL **15**

COURSES BLOCK 1 SOPHOMORE FALL	CREDITS	BLOCK 1 NOTES
CHEM 112 General Chemistry with Organic Lab	5	<i>Prerequisite: CHEM 111</i>
BIOL 202/L Biology II & Lab	4	<i>Prerequisite: BIOL 201/L</i>
Arts & Humanities GEM Course	3	<i>Different prefix from previous term</i>
PHYS 111/L General Physics I or † PHYS 211 Engineering Physics I	4	<i>Prerequisite: MATH 147</i>

SEMESTER TOTAL **16**

COURSES BLOCK 1 SOPHOMORE SPRING	CREDITS	BLOCK 1 NOTES
PHYS 112/L General Physics II & Lab or † PHYS 212 Engineering Physics II	4	<i>Prerequisite: PHYS 111</i>
BIOL 250/L General Microbiology & Lab	4	
Social Science GEM Course	3	
Arts & Humanities GEM Course	3	
Elective	≥ 0	<i>Depends on overall credit total</i>

SEMESTER TOTAL **14**

TOTAL CREDITS **60**

RECOMMENDED ELECTIVES:

BIOL 209/L General Ecology	MATH 175 Calculus II
BIOL 227/L Human Anatomy & Physiology I	ZOOL 280 Pathophysiology
ENGL 203 Effective Technical Communication	

* MATH 147 requirement can be bypassed should the student place into MATH 170 Calculus I via the Aleks testing.
 † Pending publication of future CEI catalog.

For specific selection and sequencing of courses, students are strongly encouraged to meet with an academic advisor.