

College of Eastern Idaho Academic Plan
Associate of Science in General Studies – Biochemistry Pathway

Comparable majors at: Brigham Young University Idaho, Idaho State University, University of Idaho, & Utah State University.

COURSES BLOCK 1 FRESHMAN FALL	CREDITS	BLOCK 1 NOTES
ENGL 101 Writing and Rhetoric I	3	
COMM 101 Fundamentals of Oral Communication	3	<i>Prerequisite: ENGL 101 placement</i>
BIOL 201 Biology I & Lab	4	
* MATH 147 College Algebra and Trigonometry	5	<i>Prerequisites of 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>
BIOL 202 Biology II & Lab	4	<i>Prerequisite: BIOL 201/L</i>
* CHEM 111 General Chemistry with Lab	5	<i>Prerequisite: MATH 143, 147, or 170</i>
* MATH 170 Calculus I	4	<i>Prerequisite of MATH 147 or equivalent placement.</i>

SEMESTER TOTAL **16**

COURSES BLOCK 1 SOPHOMORE FALL	CREDITS	BLOCK 1 NOTES
Social Science GEM Course	3	<i>Different prefix from previous term</i>
Arts & Humanities GEM Course	3	
CHEM 112 General Chemistry with Organic Lab	5	<i>Prerequisite: CHEM 111</i>
PHYS 111/L General Physics I & Lab Or † PHY 211/L Engineering Physics I & Lab	4	<i>Prerequisite: MATH 147 or MATH 170</i>

SEMESTER TOTAL **15**

COURSES BLOCK 1 SOPHOMORE SPRING	CREDITS	BLOCK 1 NOTES
BIOL 250 General Microbiology & Lab	4	<i>Recommended</i>
PHYS 112/L Physics I & Lab or † PHYS 212/L Engineering Physics II & Lab	4	<i>Recommended</i>
Social Science GEM Course	3	
Arts & Humanities GEM Course	3	<i>Different prefix from previous term</i>

SEMESTER TOTAL **14**

TOTAL CREDITS **60**

RECOMMENDED ELECTIVES:

BIOL 227/L Human Anatomy & Physiology & Lab
 BIOL 228/L Human Anatomy & Physiology & Lab

† CHEM 298 Organic Chemistry I & Lab
 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.