

## College of Eastern Idaho Academic Plan

### Mathematics Pathway

Comparable majors found at: BSU, BYUI, ISU, LCSC, NNU, 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	
* MATH 147 College Algebra and Trigonometry	5	<i>Prerequisite: MATH 108 or equivalent placement</i>
Science GEM Course & Lab	4	<i>Non-PHYS Prefix</i>
<b>SEMESTER TOTAL</b>	<b>15</b>	

COURSES BLOCK 1 FRESHMAN SPRING	CREDITS	BLOCK 1 NOTES
ENGL 102 Writing and Rhetoric II	3	<i>Prerequisite: ENGL 101</i>
MATH 170 Calculus I	4	<i>Prerequisite: MATH 147*</i>
CPSC 181 Computer Science & Programming	3	<i>Pre/Co-requisite: MATH 147</i>
Social Science GEM Course	3	
Arts & Humanities GEM Course	3	
<b>SEMESTER TOTAL</b>	<b>16</b>	

COURSES BLOCK 1 SOPHOMORE FALL	CREDITS	BLOCK 1 NOTES
MATH 175 Calculus II	4	
† PHYS 211 Engineering Physics I <i>Any Science GEM course &amp; Lab if PHYS 211 is not available</i>	4	<i>Prerequisite: MATH 170</i>
Social Science GEM Course	3	<i>Different prefix from previous term</i>
GEM Elective	3	
<b>SEMESTER TOTAL</b>	<b>14</b>	

COURSES BLOCK 1 SOPHOMORE SPRING	CREDITS	BLOCK 1 NOTES
GEM Elective	3	
† PHYS 212 Engineering Physics II	4	<i>Prerequisite: PHYS 211</i>
GEM Elective	3	
Arts & Humanities GEM Course	3	<i>Different prefix from previous term</i>
Elective	≥ 3	<i>Depends on overall credit total</i>
<b>SEMESTER TOTAL</b>	<b>16</b>	

**TOTAL CREDITS** **60**

**RECOMMENDED ELECTIVES:**

BIOL 201/L Biology I & Lab (*GEM*)

CHEM 111 General Chemistry I

† CPSC 182 Computer Science & Programming II

EDU 201 Foundations of Education

\* *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.**