

College of Eastern Idaho

AS Pre-Medical Pathway



Name:

ID:

· A total of 60 credits are required for an AA or AS degree. For the graduation requirements, see below for a listing of courses offered that satisfy each Ways of Knowing area. Please see your faculty advisor for any questions relating to your progress and goals.

· For an **Associates of Arts (AA)** at least 2 additional courses must be from Humanistic and Artistic and/or Social and Behavioral Ways of Knowing

· For an **Associates of Science (AS)** at least 2 additional courses must be from Mathematical and/or Scientific Ways of Knowing

Written Communication			
ENGL 101	◇ Writing and Rhetoric I	Required	3
ENGL 102	◇ Writing and Rhetoric II *	Required	3

Oral Communication			
COMM 101	◇ Fundamentals of Oral Communication	Required	3

Mathematical Ways of Knowing			
<i>Choose 1 Course</i>			
MATH 123	◇ Math in Modern Society *		3
MATH 143	◇ College Algebra *		3
MATH 147	◇ College Algebra & Trigonometry *		5
MATH 153	◇ Statistical Reasoning *	Optional	3
MATH 170	◇ Calculus I *	Required	4
BSN 216	Business Statistics (GEM Pending) *		3

Humanistic and Artistic Ways of Knowing			
<i>Choose 2 from different disciplines</i>			
ART 101	◇ Art History I		3
ART 102	◇ Art History II		3
CUL 207	◇ Introduction to American Indian Literature		3
ENGL 175	◇ Literature and Ideas		3
ENGL 215	◇ Survey of World Mythology *		3
HUM 101	◇ Introduction to Humanities I		3
HUM 102	◇ Introduction to Humanities II		3
MUSI 108	◇ Survey of Jazz and Pop Music		3
PHIL 101	◇ Introduction to Philosophy		3
PHIL 103	◇ Introduction to Ethics		3
SPAN 101	Elementary Spanish I (GEM Pending)	Optional	4

Social and Behavioral Ways of Knowing			
<i>Choose 2 from different disciplines</i>			
ANTH 101	◇ Physical Anthropology		3
ANTH 102	◇ Cultural Anthropology		3
CRJ 103	◇ Introduction to Law and Justice		3
ECON 201	◇ Principles of Macroeconomics		3
ECON 202	◇ Principles of Microeconomics		3
HIST 101	◇ World History I		3
HIST 102	◇ World History II		3
HIST 111	◇ U.S. History I		3
HIST 112	◇ U.S. History II		3
POLS 101	◇ American National Government		3
POLS 102	◇ Introduction to Political Science		3
PSYC 101	◇ Introduction to Psychology	Required	3
SOC 101	◇ Introduction to Sociology	Required	3
SOC 102	◇ Social Problems		3

Scientific Ways of Knowing			
<i>Choose 2 from different disciplines (at least 1 must have a lab)</i>			
BIOL 100	◇ Concepts of Biology		4
BIOL 120	◇ Environmental Science		4
BIOL 201/L	◇ Biology 1 & Lab	Required	4
BIOL 227/L	◇ Human Anatomy & Physiology & Lab I	Recommended	4
BIOL 228/L	◇ Human Anatomy & Physiology & Lab II *	Recommended	4
BIOL 250/L	◇ General Microbiology & Lab	Recommended	4
CHEM 100	◇ Concepts of Chemistry		4
CHEM 101/L	◇ Introduction to Chemistry & Lab		4
CHEM 102/L	◇ Essentials of Organic & Biochemistry & Lab *		4
CHEM 111	◇ General Chemistry I with Lab *	Required	5
GEOL 101/L	◇ Physical Geology & Lab		4
NUTR 239	◇ Human Nutrition		3
PHYS 100/L	◇ Survey of Physics & Lab		4
PHYS 101/L	◇ Introduction to Physics & Lab		4
> PHYS 111/L	◇ General Physics I & Lab *	Required	4
> PHYS 112/L	◇ General Physics II & Lab *	Required	4

GEM Stamped Course			
Any GEM	◇		
Any GEM	◇		

Total General Education Credits /36

Degree GEM Courses			
<i>A minimum total of 6 GEM credits. Specific to AA or AS (see notes above):</i>			
Any GEM	◇ PHYS 111/L	Required	4
Any GEM	◇ PHYS 112/L	Required	4

Total Degree GEM Credits /6

See other side for list of Elective courses and requirements.

- Students recommended to participate in volunteer opportunities in the community and/or on campus
- Students recommended to job shadow professionals in health care settings
- MATH 170 has a prerequisite of MATH 143 & MATH 144, however students may bypass the prerequisite by testing directly into MATH 170 via the Aleks test.
- Some universities might also require MATH 153 in addition to MATH 170. See university advisor for specific information.

◇ - Indicates GEM Stamped course. Any GEM stamped course is transferrable to any public institution in the state of Idaho.

* - Indicates Prerequisite or placement applies. See current CEI Catalog or Advisor for more information.

> - Course counted under different requirement section

Sample Schedule



Momentum Year

Semester 1		Credits	Notes
* ENGL 101	Writing & Rhetoric I	3	
* COMM 101	Fundamentals of Oral Communication	3	
MATH 143	College Algebra	3	<i>Recommended</i>
CHEM 111	General Chemistry I	5	<i>Can be concurrent w/ MATH 143 w/ instructor permission</i>
* MATH 144	Trigonometry	2	<i>Recommended</i>
Semester total		16	

Semester 2		Credits	Notes
* ENGL 102	Writing & Rhetoric II	3	<i>Prereq: ENGL 101</i>
MATH 170	Calculus I	4	<i>Prereq: MATH 143 & 144 or Placement</i>
* PSYC 101	Introduction to Psychology	3	
CHEM 112	General Chemistry with Organic Lab	5	<i>Prereq: CHEM 111</i>
Semester total		15	

Summer Semester (Optional)		Credits	Notes
Semester total			

Transition Year

Semester 3		Credits	Notes
BIOL 201/L	Biology I & Lab	4	
PHYS 111/L	General Physics I & Lab	4	<i>Prereq: MATH 143, 147 or 170</i>
* GEM 5		3	<i>Any H&A WoK</i>
* BIOL 227/L	Human Anatomy & Physiology I & Lab	4	<i>Recommended</i>
Semester total		15	

Semester 4		Credits	Notes
PHYS 112/L	General Physics II & Lab	4	<i>Prereq: PHYS 111/L</i>
* SOC 101	Introduction to Sociology	3	
* GEM 5		3	<i>H&A WoK of different prefix</i>
BIOL 202/L	Biology II & Lab	4	<i>Prereq: BIOL 201/L</i>
Semester total		14	

Summer Semester (Optional)		Credits	Notes
Semester total			

* Indicates courses that may be offered as a Summer 8 week option

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