

# College of Eastern Idaho

## AA/AS Forensics Chemistry 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 *	Recommended 3
	MATH 147	◇ College Algebra & Trigonometry *	5
	MATH 153	◇ Statistical Reasoning *	Option 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)	4

Social and Behavioral Ways of Knowing			
<i>Choose 2 from different disciplines</i>			
	ANTH 101	◇ Physical Anthropology	Optional 3
	ANTH 102	◇ Cultural Anthropology	Optional 3
	CRJ 103	◇ Introduction to Law and Justice	Required 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	Optional 3
	HIST 112	◇ U.S. History II	Optional 3
	POLS 101	◇ American National Government	Optional 3
	POLS 102	◇ Introduction to Political Science	3
	PSYC 101	◇ Introduction to Psychology	Optional 3
	SOC 101	◇ Introduction to Sociology	Optional 3
	SOC 102	◇ Social Problems	Optional 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 & I	Optional 4
	BIOL 228/L	◇ Human Anatomy & Physiology & I	Optional 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	Optional 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 *	Optional: See Notes 4
	PHYS 112/L	◇ General Physics II & Lab *	Optional: See Notes 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	◇	
	Any GEM	◇	

**Total Degree GEM Credits** /6

See other side for list of Elective courses and requirements.

- **PHYS 211/L** Engineering Physics I & Lab and **PHYS 212/L** Engineering Physics II & Lab are not currently offered at CEI. Student may elect to take these courses with another institution and reverse transfer them to CEI. These courses are GEM at some Idaho institutions and may count toward GEM requirements at CEI.
- For **Chemistry** majors with Forensic Emphasis, PHYS 211/L and PHYS 212/L are more preferred than PHYS 111/L and PHYS 112/L.
- Many university requirements differ. See specific university program requirements for planning courses.

◇ - 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.

MATH 143 & 144 or 147 prerequisite can be bypassed should the student place into MATH 170 Calculus I via the ACT, ALEKS, or SAT tests.



# Sample Schedule



## Momentum Year

Semester 1		Credits	Notes
* ENGL 101	Writing & Rhetoric I	3	
* CRJ 103	Introduction to Law and Justice	3	
MATH 143	College Algebra	3	
CHEM 111	General Chemistry I with Lab	5	Coreq: MATH 143 or MATH 170
<b>Semester total</b>		<b>14</b>	

Semester 2		Credits	Notes
* ENGL 102	Writing & Rhetoric II	3	Prereq: ENGL 101
CHEM 112	General Chemistry with Organic Lab	5	Prereq: CHEM 111
* MATH 144	Trigonometry	2	
* PHIL 103	Introduction to Ethics	3	Recommended
* COMM 101	Fundamentals of Oral Communication	3	
<b>Semester total</b>		<b>16</b>	

Summer Semester (Optional)		Credits	Notes
<b>Semester total</b>			

## Transition Year

Semester 3		Credits	Notes
MATH 170	Calculus I	4	Recommended. Prereqs apply
BIOL 201/L	Biology I & Lab	4	Recommended
* GEM 5		3	H&A WoK of different prefix
PHYS & Lab	PHYS 111 or PHYS 211 and Lab	4-5	Prereqs apply
<b>Semester total</b>		<b>15-16</b>	

Semester 4		Credits	Notes
MATH 175	Calculus II	4	Recommended. Prereqs apply
PHYS & Lab	PHYS 112 or PHYS 212 and Lab	4-5	Prereqs apply
* GEM 6		3	S&B WoK of different prefix
* Any GEM		3	
Electives		(1)	Depends on credit need
<b>Semester total</b>		<b>15</b>	

Summer Semester (Optional)		Credits	Notes
<b>Semester total</b>			

\* 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