

## TECHNOLOGY & INNOVATION

**Majors included: Biochemistry & Biotechnology, Computer Science, Computing Technology, Cybersecurity, Entrepreneurship, & Information Systems**

The Technology & Innovation Pathway is intended for students that are fascinated by technology and role in plays in society. Students will be exposed to majors that are directly-associated with technology in a variety of capacities including research, application, and business. Those interested in these majors should also be prepared for an emphasis in mathematics early on with the expectation for that to increase in future semesters.

**1**

### Year 1: Fall

Course Number	Course Name	Credits	Notes
ENGL 1100	First-Year Writing	3	
MATH 1030	College Algebra	3	
INF SYS 1800	Computers & Information Systems	3	
ENT 1001	Intro to Entrepreneurship	3	
HIST 1001	American Civilization Before 1865	3	
INTDSC 1003	University Studies	1	

Total credits: **16**

### Year 1: Spring

Course Number	Course Name	Credits	Notes
MATH 1035	Trigonometry	2	
CHEM 1111	Introductory Chemistry	5	
CMP SCI 1250	Introduction to Computing	3	
ECON 1001	Introduction to Microeconomics	3	
PHIL 2280 GEOL 1001*	Minds, Brains, and Machines General Geology	3	

Total credits: **16**

**2**

### Year 2: Fall

Course Number	Course Name	Credits	Notes
MATH 1800	Analytical Geometry & Calculus I	5	
CHEM 1121	Introductory Chemistry II	5	
CMP SCI 2250	Programming & Data Structures	3	
ECON 1002	Introduction to Macroeconomics	3	

Total credits: **16**

### Year 2: Spring

Course Number	Course Name	Credits	Notes
BIOL 1831	Introductory Biology: From Molecules to Organisms	5	
CMP SCI 2261	Object-Oriented Programming	3	
CMP SCI 2700	Computer Organization and Architecture	3	
PHIL 2259	Engineering Ethics	3	

Total credits: **14**