

**Computer Engineering: VLSI and Integrated Circuits Concentration**  
**Biological/Physical Sciences**  
**Degree Total: 3 credits**

Course Number	Course Title	Credits	Terms
AA 100	Introduction to Astronomy	3	F, S, SS
AA 101	Astronomy Laboratory	1	F, S, SS
ANTH 120	Human Origins and Variation	3	F, S, SS
ANTH 121	Human Origins and Variation Laboratory	1	F, S, SS
BZ 110	Principles of Animal Biology	4	F, S, SS
BZ 111	Animal Biology Laboratory	5	F, S, SS
BZ 120	Principles of Plant Biology	3	F
CHEM 103	Chemistry in Context	4	F, S
CHEM 104	Chemistry in Context Laboratory	4	F, S, SS
CHEM 107	Fundamentals of Chemistry	3	F, S
CHEM 108	Fundamentals of Chemistry Laboratory	1	F, S, SS
CHEM 111	General Chemistry I	4	F, S, SS
CHEM 112	General Chemistry Lab I	1	F, S, SS
CHEM 120	Foundations of Modern Chemistry	4	F, S
CHEM 121	Foundations of Modern Chemistry Laboratory	1	F, S
GEOL 120	Exploring Earth - Physical Geology	3	F, S, SS
GEOL 121	Introductory Geology Laboratory	1	F, S, SS
GEOL 122	The Blue Planet - Geology of Our Environment	3	F, S
GEOL 124	Geology of Natural Resources	3	S
GEOL 150	Physical Geology for Scientists and Engineers	4	F
HONR 292A	Honors Seminar: Knowing in the Sciences	3	F, S
LIFE 102	Attributes of Living Systems	4	F, S, SS
LIFE 103	Biology of Organisms-Animals and Plants	4	F, S, SS
LIFE 201A	Introductory Genetics: Applied/Population/Conservation/Ecological	3	F, S
LIFE 201B	Introductory Genetics: Molecular/Immunological/Developmental	3	F, S, SS
LIFE 220/LAND 220	Fundamentals of Ecology	3	F
MIP 101	Introduction to Human Disease	3	S
NR 150	Oceanography	3	F, S, SS
PH 110	Physics of Everyday Phenomena	3	F, S
PH 111	Physics of Everyday Phenomena Laboratory	1	F, S
PH 122	General Physics II	5	F, S, SS
PH 142	Physics for Scientists and Engineers II	5	F, S