

**BS Computer Science**  
**“Natural Science Course for Science Majors” Requirements**

There are two requirements for the BS in Computer Science program that states “Natural Science course for a Science Major”. One of these courses is a concomitant course and the other is a directed general education course (it is counted in general education). The following courses can be used to satisfy these requirements. If the course will count in general education, the category it is counted will be listed. Prerequisites for the courses are listed in parenthesis.

Course	Department	Gen Ed	Lab?	ch
AST140, Planetary Science ((MAT181 with a C or better) OR (pre/co-req PHY40 or PGY80 or PHY100))	Physical Sciences		Y	3
AST142, Stellar & Galactic Astronomy (PHY40 or PHY100)	Physical Sciences		Y	3
BIO104, Principles of Biology (science majors)	Biology	C 1	Y	4
BIO106, Intro to Zoology (C or better in BIO104)	Biology		Y	4
BIO108, Intro to Botany (C or better in BIO104)	Biology		Y	4
BIO216, Genetics (C or better in BIO104 and CS major)	Biology		Y	3
CHM100, General Chemistry I (science majors)	Physical Sciences	C 1	Y	4
CHM102, General Chemistry II (CHM100)	Physical Sciences	C 2	Y	4
ENV210, Environmental Geography (GEL100)	Physical Sciences		Y	3
GEL100, Physical Geology (high school algebra, trig and chemistry)	Physical Sciences	C 2	Y	4
GEL102, Historical Geology (GEL20 or GEL100)	Physical Sciences		Y	4
GEL110, Intro to Oceanography (none)	Physical Sciences	C 1	Y	3
GEL210, Environmental Geography (GEL100)	Physical Sciences		Y	3
MAR110, Intro to Oceanography (none)	Physical Sciences	C 1	Y	3
PHY40, General Physics I (MAT106 or MAT115 or MAT181)	Physical Sciences	C 1	Y	4
PHY42, General Physics II (PHY40)	Physical Sciences		Y	4
PHY100, Physics I (MAT181, can be concurrent)	Physical Sciences	C 1	Y	4
PHY102, Physics II (PHY100 and MAT181)	Physical Sciences		Y	4

You should consider taking a two-course sequence (i.e. BIO104 & BIO106, BIO104 & BIO108, CHM100 & CHM102, GEL100 & GEL102, GEL100 & GEL110, GEL100 & GEL210, PHY40 & PHY42, or PHY100 & PHY102).

For a Biology sequence, the Biology department recommends BIO104 and BIO216.