

Sample Prerequisite Sequences for the CSB Science Requirement:

The following is a current but potentially incomplete list of sequences of courses that satisfy the requirement: *"two courses are in a laboratory science with the first course prerequisite to the second course."*

- Any course used for the science requirement must have an "NS" designation in the catalog (and there are some CHM, BIOS, and EES courses that are not "NS" but rather "ND," meaning "not designated"). The sum of all the NS-designated science credits must be at least 12.
- We list here only courses that contribute to a prerequisite sequence. These sequences add up to between 7 and 9 credits. The remaining credits to reach a total of 12 may consist of any NS-designated courses.
- The exact set of courses available depends on what each science department offers each semester. We do not receive any advance notification of plans from the various departments. In recent years, PHY 013 has been spring only, EES 131 has been spring only, and EES 152 has been fall only. The required labs for EES 131 and 152 typically conflict with CSB 312/313 so students planning for those courses must plan very carefully in advance.

Biology

CHM 30 Introduction to Chemical Principles (4, includes a lab), BIOS 41 Biology Core I: Cellular and Molecular (3)

Chemistry

CHM 030 Introduction to Chemical Principles (4, includes a lab), CHM 031 Chemical Equilibria in Aqueous Systems (4)

CHM 030 Introduction to Chemical Principles (4, includes a lab), CHM 110 Organic Chemistry (3) [CHM 111]

CHM 030 Introduction to Chemical Principles (4, includes a lab), BIOS 041 Biology Core I: Cellular and Molecular (3)

CHM 040 Concepts, Models & Experiments (4, includes a lab), CHM 41 Concepts, Models & Experiments II (4, includes a lab)

CHM 040 Concepts, Models & Experiments (4, includes a lab), CHM 110 Organic Chemistry (3) [CHM 111],

CHM 040 Concepts, Models & Experiments (4, includes a lab), BIOS 041 Biology Core I: Cellular and Molecular (3)

Physics [] indicates optional 1-credit lab

PHY 011 Introductory Physics I (4) [PHY 012],
PHY 021 Introductory Physics II (4) (note that
PHY 021 has a prerequisite of MATH 022)

PHY 010 General Physics I (4) [PHY 012], PHY
13 General Physics (3)

PHY 011 Introductory Physics I (4) [PHY 012],
PHY 013 General Physics (3)

Earth and Environmental Science

EES 021 Introduction to Planet Earth (3)
plus lab EES 022 Exploring Earth (1) followed
by EES 131 Introduction to Rocks and
Minerals (4)

EES 025 The Environment and Living Systems (3)
plus lab EES 022 Exploring Earth (1) followed
by EES 152 Ecology (4)

EES 028 Conservation and Biodiversity (3)
plus lab EES 022 Exploring Earth (1) followed
by EES 152 Ecology (4)

Students who are minoring in EES may take a two-course sequence starting with EES 080, but that course is open only to EES majors and minors.