

SCHOOL OF NATURAL SCIENCES TRANSFER REQUIREMENTS

Required for all School of Natural Sciences Majors

(Must be completed in order to be considered for admission)

- › GPA of 2.8 or higher (residents and non-residents)
- › Complete all required courses listed on the back of this page for your major with a grade of “C” or better, unless a higher grade is indicated.
- › Fall applicants must complete all minimum UC admissions requirements in English and Math by the end of the spring term, prior to fall admission. Spring applicants must complete the English and Math requirement by the end of the summer prior to admission.
- › Courses that meet WRI 1 and WRI 10 (This requirement is usually met by completing the UC minimum transfer requirements.)
- › A course in Mathematics/Quantitative Reasoning (usually met by completing the UC minimum transfer requirements)
- › Complete 60 UC-transferable semester units the term prior to enrollment (not including summer).

Strongly Recommended

- › Transfer students are encouraged to complete all of their major preparatory courses and some of the courses needed to satisfy lower-division general education requirements. Completing these courses prior to transfer will aid your progress towards graduation. Applicants to the School of Natural Sciences are highly discouraged from completing the Inter-segmental General Education Transfer Curriculum (IGETC).



IMPORTANT:

Applicants will be more competitive in the admission process if their academic records show successful attempts at UC-transferable courses, as demonstrated by one or more of the following:

- › Plan in advance. Satisfy major preparatory courses in one attempt with grades of C or better, or a higher-level grade if indicated on the back of this page
- › Clear all No Pass, D or F grades in any UC-transferable course

MAJOR

REQUIRED

STRONGLY RECOMMENDED

MAJOR	REQUIRED	STRONGLY RECOMMENDED
Applied Mathematics B.S.	<ul style="list-style-type: none"> • CHEM 2 • MATH 21 and MATH 22 • PHYS 8 and PHYS 9 	<ul style="list-style-type: none"> • CSE 20 • BIO 1/ BIOL 1L (with no grade less than "B") or ESS 1 or ESS 5 • MATH 23 and MATH 24 • MATH 32
Biological Sciences, B.S.	<ul style="list-style-type: none"> • BIO 1 and BIO 1L (with no grade less than "B") • CHEM 2 and CHEM 10 • MATH 11 or MATH 21 • PHYS 8 or PHYS 18 	<ul style="list-style-type: none"> • BIO 2 and BIO 2L • CHEM 8 • 2nd semester of organic chemistry • MATH 12 or MATH 22 • CSE 5 or CSE 20 or MATH 15 • ENVE 105 or MATH 18 or MATH 32 or PSY 10 • PHYS 9 or PHYS 19
Chemical Sciences, B.S.	<ul style="list-style-type: none"> • CHEM 2 and CHEM 10 • MATH 21 and MATH 22 • PHYS 8 and PHYS 9 	<ul style="list-style-type: none"> • BIO 1/ BIOL 1L (with no grade less than "B") • CHEM 8 • 2nd semester of organic chemistry • CSE 20 or MATH 15 • MATH 23 and MATH 24 and MATH 32
Earth System Sciences, B.S.	<ul style="list-style-type: none"> • CHEM 2 and CHEM 10 • MATH 11 or MATH 21 • PHYS 8 or PHYS 18 	<ul style="list-style-type: none"> • CHEM 8 or ENVE 20 • MATH 12 or MATH 22 • Choose one of the following: CSE 5 or CSE 20 or MATH 15 • Choose one of the following: ENVE 105 or MATH 18 or MATH 32 • Choose one of the following: ESS 1, ESS 2, ESS 10, ESS 20, ESS 34, ESS 50 • Two additional UC-transferable courses in natural sciences or engineering (no geology) • PHYS 9 or PHYS 19
Physics, B.S.	<ul style="list-style-type: none"> • CHEM 2 • MATH 21 and MATH 22 • PHYS 8 and PHYS 9 	<ul style="list-style-type: none"> • CSE 20 or MATH 50 • MATH 23 and MATH 24 and MATH 32 • PHYS 10 • One UC-transferable science or engineering elective that is not physics or math, 3-4 semester units.