

What university majors are served by CR's Science Transfer Prep program?

The following Science Majors require preparation courses in Math, Chemistry and Physics:

- Biology (*all options*)
- Botany
- Chemistry
- Computer Science
- Environmental Resource Engineering
- Environmental Science
- Fisheries Biology
- Forestry
- Geology
- Kinesiology
- Natural Resources Planning/Interpretation
- Oceanography
- Physical Science
- Physics
- Rangeland Resource Science
- Science Education
- Wildlife
- Zoology

Can I focus on my General Education right now and take Calculus, Physics, and Chemistry after I transfer?

Students who have not taken the prep courses will be at the same point as a freshman in terms of the time it requires to complete their major. This costs time and money. Students who enter a transfer university after completing their science prep courses at CR can take courses in their major right away and are ultimately more successful.



How successful are CR Science Transfer Prep students?

We'll let our former students answer this one:

“There is a stark contrast between my life before and after CR. I often think of it as the most productive period of my life ... when I graduated from CR in 1997, my strong interest was complemented by technique and patience — both learned by working closely with the faculty at CR.”

— *Steve Drasco, Ph.D. Postdoctoral Associate at NASA's Jet Propulsion Lab; Steve transferred to UC Irvine, BS degree in Physics; earned a Master's and a Doctorate degree at Cornell University*

“Since I took lower division courses at both CR and HSU, I'm able to really compare them. I think the course content and instructor expectations were very similar. My education at C.R. was great. I was well prepared to continue my education at HSU.”

— *Julie Koeppel, HSU Student*

“I found the Math and Science classes I took at CR provided an excellent foundation and preparation for my futher study and work in the sciences.”

— *Emilia Brinkhaus, Humboldt State University*

“These courses were taught with great attention to detail and commitment to student understanding that cannot be found at major universities.”

— *Doug Saucedo, Humboldt State University, Environmental Resource Engineering*

Contact Us

Science Transfer Prep Program
David Bazard, Ph.D./Karen Reiss, Ph.D.
College of the Redwoods
7351 Tompkins Hill Road
Eureka, CA 95501-9300

phone 707.476.4224/4220
email dave-bazard@redwoods.edu
karen-reiss@redwoods.edu

Education that Works
www.redwoods.edu

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SCIENCE TRANSFER PREP



COLLEGE
OF THE
REDWOODS



Are You Interested in a Career in Natural, Life, or Physical Sciences?



- Fisheries Biologist?
- Park Ranger?
- Oceanographer?
- Physician?
- Volcanologist?
- Endangered Species Botanist?
- Environmental Consultant?
- High School Science Teacher?
- Forensic Scientist?

Did you know . . .

- Fields as different as botany, physics, environmental science, and science education share a common set of Science Transfer Prep courses in Math, Physics, and Chemistry.
- CR students who have completed our Science Transfer Prep are commonly among the highest-achieving students enrolled at transfer universities, including University of California and California State University.
- We offer —
 - Entry level courses to match your current skill level.
 - Pathways to the required Science Transfer Prep courses.
 - Science Transfer Prep courses necessary for transfer as a junior.
 - Advising by counselors and faculty to help you meet your career goals.

Getting started on Science Transfer Prep right now can save you time, money, and improve your success following transfer!

What does CR mean by “Pathways” to the required Science Transfer Prep courses?

This is the series of courses that lead to completion of the required level of math, physics, and chemistry needed for successful transfer.

The pathways shown below allow for flexibility such that a student can enter the pathway at the level that fits their academic needs.

The Pathway to Math 50A (Calculus)

- Math 106 Elementary Algebra
- Math 120 Intermediate Algebra
- Math 25 College Trigonometry (may be taken before, with or after Math 30)
- Math 30 College Algebra (may be taken before, with or after Math 25)
- Math 50A Calculus I

The Pathway to Physics 2A

- Math 106 Elementary Algebra
- Math 120 Intermediate Algebra
- Math 25 College Trigonometry (may be taken before, with or after Math 30)
- Physics 2A

The Pathway to Physics 4A

- Math 106 Elementary Algebra
- Math 120 Intermediate Algebra
- Math 25 College Trigonometry (may be taken before, with or after Math 30)
- Math 30 College Algebra (may be taken before, with or after Math 25)
- Math 50A Calculus I
- Physics 4A

The Pathway to Chemistry 1A

- Math 106 Elementary Algebra
- Chem 100 (if necessary)
- Math 120 Intermediate Algebra
- Chem 1A

I'm interested in taking the right preparation courses for a major in science. What do I do now?

- Identify your prospective major (or general area of interest)
- Consult with a College of the Redwoods counselor and a faculty advisor to map out a long-range plan that includes all the core science, major-specific, and general education coursework you need to succeed.
- Identify your entry level on the pathways to each of the core requirements.
- Enroll in the appropriate math class this semester. Many students are slowed down in their transfer preparation by inadequate math preparation. Getting started on your math pathway is the surest ticket to timely progress.

