

Physical Science

Warriors on the Way to STEM
WOW2STEM

College of the Sequoias

Students majoring in Physical Science are interested in a general science degree. Individual programs can be developed by the student in collaboration with an advisor, and can include courses in all of the STEM disciplines.

What can I do with a degree in Physical Science?

The degree in Physical Science is not targeted at specific careers. Instead it prepares students for a wide range of industrial and commercial careers where a demonstrated capacity to analyze a wide variety of problems is more important than specific knowledge.

How can I participate in WOW2STEM?

- Meet with a counselor each semester at your community college.
- Follow a student educational plan (SEP) as outlined by a counselor.
- Attend presentations and workshops throughout the year.
- Follow application dates and deadlines as directed by the Transfer Advisor and CSU Stanislaus.

For more information you may contact:

Iqbal Atwal, Transfer Specialist

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www.csustan.edu/STEM-success



Joseph is a Junior at CSU Stanislaus. Joseph began his academic career as a first time freshman after graduating from high school. He chose to attend because of the golf team and the beauty of the campus. He had dreams of becoming a golfer. Joseph is a Physics major, soon to be double major in Math. In Spring 2014, Joseph participated in research which involved superconductors.

Physical Science B.S. Roadmap

Prerequisites to Lower-Division Courses	Lower-Division Courses at College of the Sequoias	Major Course Requirements at CSU Stanislaus
MATH 154 or equivalent PHYS 020 or equivalent MATH 066 or equivalent PHYS 055 & MATH 067 PHYS 056 & MATH 067	<p style="margin: 0;"><u>Choose one Physics sequence:</u></p> PHYS 020 (General Physics 1) & PHYS 021 (General Physics 2) <u>or</u> PHYS 055 (Physics 1) & PHYS 056 (Physics 2) & PHYS 057 (Physics 3)	<p style="margin: 0;">There is no set program of courses for students seeking a B.A. degree in Physical Science. Instead students, in consultation with their advisor, develop their own program by choosing upper division courses totaling at least 24 units. These courses can be chosen from any of the disciplines in the Physical Science (Physics, Chemistry, Astronomy, and Geology) and Mathematics.</p>
CHEM 20 or 1 year HS CHEM, & MATH 230	CHEM 001 (General Chemistry 1)	
CHEM 001	CHEM 002 (General Chemistry 2)	
MATH 070	MATH 065 (Calculus 1)	
MATH 065	MATH 066 (Calculus 2)	

Note: Students seeking this major are encouraged to complete lower division courses prior to transferring to CSU Stanislaus. Students are recommended to meet with a counselor every semester.

For all degree requirements, visit www.csustan.edu/roadmaps