

Physical Science

Warriors on the Way to STEM
WOW2STEM

Fresno City College

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

For more information you may contact:

Iqbal Atwal, Transfer Specialist

209.667.3164

iatwal@csustan.edu

www.csustan.edu/STEM-success



Joseph is a Junior at Stanislaus State. 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 Fresno City College	Major Course Requirements at Stanislaus State
MATH 4A PHYS 2A Co-Requisite: MATH 5B PHYS 4A PHYS 4A (ADVISORY: MATH 6)	<u>Choose one Physics sequence:</u> PHYS 2A (General Physics 1) & PHYS 2B (General Physics 2) or PHYS 4A (Phys. for Scientists and Engineers) & PHYS 4B (Phys. for Scientists and Engineers) & PHYS 4C (Phys. for Scientists and Engineers)	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.
H.S. Chem. with lab or CHEM 101P or CHEM 3A & MATH 103	CHEM 1A (General Chemistry)	
CHEM 1A	CHEM 1B (Gen. Chem. Lab)	
MATH 4B	MATH 5A (Math Analysis I)	
MATH 5A	MATH 5B (Math Analysis II)	

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

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