

Physical Science

Warriors on the Way to STEM
WOW2STEM

Diablo Valley 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

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

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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 Diablo Valley College	Major Course Requirements at Stanislaus State
Co-requisite: MATH 193 or equivalent	PHYS 130 (Physics for Engineers and Scientists A: Mechanics and Wave Motion)	<p>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>
PHYS 130 or equivalent & MATH 292 or equivalent	PHYS 230 (Physics for Engineers and Scientists B: Heat and Electro-Magnetism)	
PHYS 230 or equivalent & MATH 294 or equivalent	PHYS 231 (Physics for Engineers and Scientists C: Optics & Modern Physics)	
CHEM 108 or equivalent & MATH 120 or MATH 120SP or equivalent	CHEM 120 (General College Chemistry 1)	
CHEM 120 or equivalent	CHEM 121 (General College Chemistry 2)	
MATH 191 or equivalent	MATH 192 (Analytic Geometry and Calculus 1)	
MATH 192 or equivalent	MATH 193 (Analytic Geometry and Calculus 2)	

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

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