

# Physical Science

Warriors on the Way to STEM  
WOW2STEM

*San Joaquin Delta 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

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[www.csustan.edu/STEM-success](http://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 San Joaquin Delta College	Major Course Requirements at Stanislaus State
MATH 038B or MATH 039 PHYSIC 002A	<b><u>Choose one Physics sequence:</u></b> PHYSIC 002A (General Physics) & PHYSIC 002B (General Physics)  <b><u>or</u></b> PHYSIC 004A (Principles of Physics) & PHYSIC 004B (Principles of Physics)  <b><u>or</u></b> PHYSIC 004A (Principles of Physics) & PHYSIC 004C (Principles of Physics)	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.
MATH 001 & MATH 002 PHYSIC 004A		
MATH 001 & MATH 002 PHYSIC 004A & MATH 003		
MATH 092S & CHEM 003A	CHEM 001A (General Chemistry)	
CHEM 001A	CHEM 001B (General Chemistry)	
MATH 039 or (MATH 092S, MATH 038A & MATH 038B)	MATH 001 (Calculus 1)	
MATH 001	MATH 002 (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.**