

# CENTRAL programs



Associate of Science

## Physical Science

If you like to solve thought-provoking problems, work in a lab or the field, use exciting new technology, work with little supervision, and try your own ideas, then consider a degree in Physical Science.

The program in Physical Science allows the student the flexibility to gain a broad exposure to topics in physical science. This degree is designed for transfer to the University of Wyoming or other four-year institutions granting degrees in specific areas of physical science such as physics or chemistry.



## CAREER OPTIONS:

Bachelor's degree prepares you for work as a technical assistant in fields such as astronomy, chemistry, engineering, mathematics and meteorology and physics, or as a teacher of physical science. Advanced degrees (masters and/or doctorate) are usually required to be a program manager or research scientist in these and many other related fields. Green scientists are working in waste management, material science, mineral and water resources, and alternative energy fields.

Green jobs: <http://www.jobmonkey.com/greenjobs/green-science-technology.html>  
Check occupations and wages online:  
<http://online.onetcenter.org>



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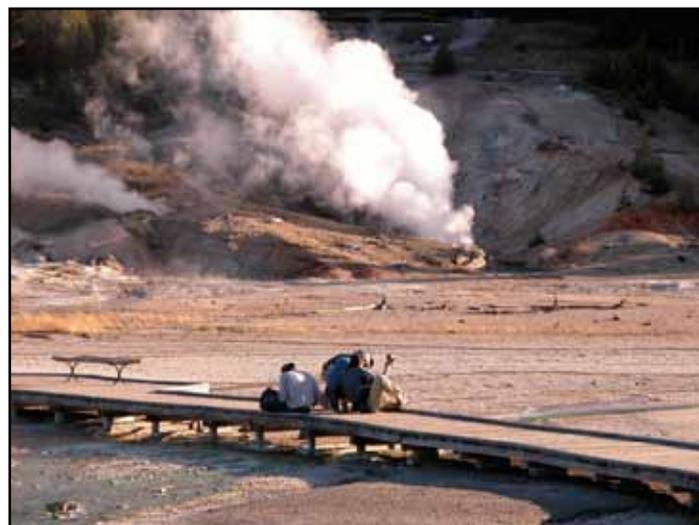
<http://www.myspace.com/centralwyomingcollege>

[www.cw.edu](http://www.cw.edu)



GEOL 1100	Physical Geology (LSCI)	4
MATH 2205	Calculus II	5
MATH 2210	Calculus III	5
	Total	64

Other programs that may be of interest: Biological Sciences; Earth and Environmental Science, Pre-Engineering and Environment, Health and Safety.



CWC students take field excursions to Casper Mountain, Yellowstone, the Tetons and Green River. Topics include rock types, tectonics, geologic time, fossils, stratigraphy and surface processes.

**Associate of Science Degree**

<b>General Education Requirements</b>	<b>Credits</b>
Writing Level I (WR1)	3
Writing Level II (WR2)	3
American & Wyoming Government (POLS 1000)	3
ARTS 3	
DIV	3
HUM	3
LSCI	(In program)
MATH (In program)	
ORAL	3
PEAC	1
SOC	3
UNST	1
WELL	1

**Program Requirements**

CHEM1020	General Chemistry I (LSCI)	4
CHEM1030	General Chemistry II	4
MATH1400	College Algebra (MATH)	4
MATH1405	Trigonometry	3
MATH2200	Calculus I	5
PHYS 1310	College Physics I (LSCI)	4
PHYS 1320	College Physics II	4

**Program Electives**

Student must choose 9 credits from the following courses:

ASTR 1050	Survey of Astronomy (LSCI)	4
COSC 1000	Computer Programming I:	3
COSC 1010	Introduction to Computer Science I:	3
COSC 1200	Computer Information Systems	3

**Transfer Information**

CWC has an articulation agreement with the University of Wyoming for transfer. Students who transfer to UW with the Associate of Science (AS) degree and have a minimum of two three (3) credit college level math courses will be deemed to have met UW's lower division general education requirements.

Students planning to transfer to another four-year college or university are advised to obtain a catalog from the institution to which they wish to transfer. Using Central Wyoming College's catalog, along with the four-year institution's catalog and advisement information, the student will be able to make appropriate decisions for maximum transferability of his or her courses.