

PETROLEUM GEOLOGY
at
WESTERN
STATE COLLEGE
OF
COLORADO



“Preparation Meets Opportunity”



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Job prospects are outstanding

- ✓ About half of all geoscientists will be retiring over the next ten years. Companies WILL replace them.
- ✓ A hiring boom was experienced in the late 70s and early 80s within the petroleum, mining, environmental, engineering, government and academic geology areas. As these individuals retire, job opportunities for college graduates are greatly expanded.

PETROLEUM GEOLOGY AT WESTERN

This program is designed for geoscientists planning careers in the oil & gas industry, as well as careers in resource assessment and energy policy. It was begun in 2002 thanks to a \$1 million endowment from WSC alumnus and member of the College's Board of Trustees Paul Rady, CEO of Antero Resources. Another \$1 million gift from legendary oilman W.A. "Tex" Moncrief, Jr. of Ft. Worth, Texas, in 2005 further strengthened the program and is indicative of the significance of Western's efforts to the industry.

Salaries:

Increasing demand keeps salaries competitive with other high-tech and engineering fields.

AVERAGE SALARY BY DEGREE

YEARS OF EXPERIENCE	B.S.	M.S.	Ph.D.
0-2	\$ 62,000	\$ 67,100	\$ 80,000
3-5	n/a	78,300	70,400
6-9	77,000	82,200	79,000
10-14	132,000	102,200	115,000
15-19	n/a	119,500	112,500
20+	116,300	111,800	n/a

American Association of Petroleum Geologists, 2005

Western's Petroleum Geology program:

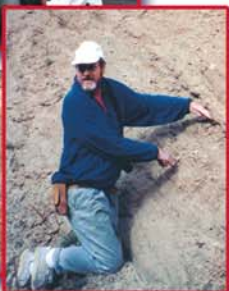
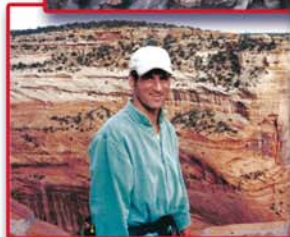
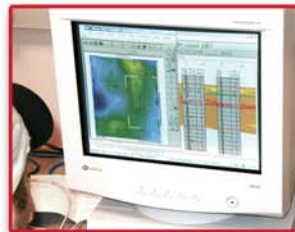
- Provides students a solid academic foundation
- Combines classroom and field study with current industry technology
- Fosters professional contact with industry geoscientists
- Promotes industry internships for early career reinforcement
- Mentors students toward relevant graduate programs

Wired for the 21st Century

The Petroleum Geology program is housed in Hurst Hall, one of the most technologically sophisticated science buildings in Colorado.

In recent years the petroleum industry has made investments in Western's program totaling more than \$750,000.

- P.R.A. BasinMod: Petroleum systems modeling
- GeoPlus Petra: Well log correlation, petrophysics and mapping
- S.M.T. Kingdom Suite: 2D/3D seismic interpretation and modeling
- GLS LithoTect: Seismic depth conversion and cross-section balancing
- GeoTools QuickDip: Statistical Curvature (SCAT) dipmeter analysis
- Midland Valley 2D Move: Balanced cross-section modeling
- Midland Valley 3D Move: 3D structural analysis, mapping and volumetrics
- N.G.A. GMsys: Interactive gravity and magnetics modeling



Petroleum Geology is part of a diverse curriculum

- Geology Emphasis
- Geoarchaeology Emphasis
- Educational Licensures

Successful Placement

- Into Leading Graduate Programs
- Into Industry and Government Entry-level Jobs and Internships
(over 20 job placements in the first three years of the program)

Geology Computing Facilities

PETROLEUM GEOLOGY LAB

- Dell Power Edge Server
- Exabyte Tape Drive
- Gateway 700L Workstations
- Dell Mobile Workstation

GIS AND GEOLOGY INSTRUCTIONAL LAB

- Gateway GIS Server
- 13 seats for interactive instruction

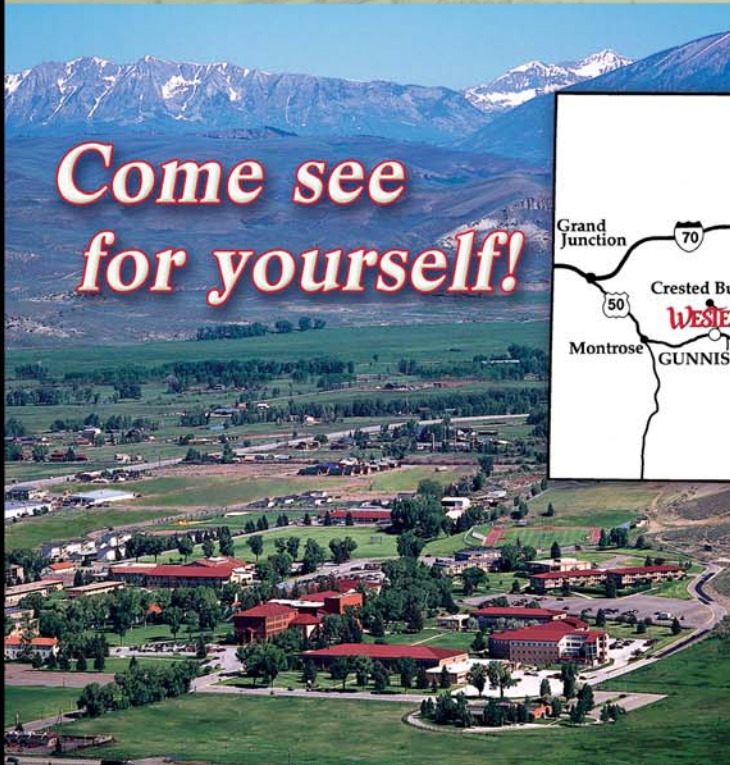
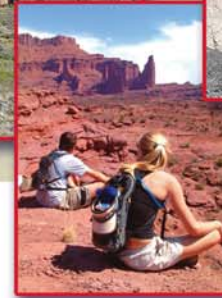
GEOLOGY STUDENT LAB

- Connected to Petroleum/GIS servers
- Night and weekend access

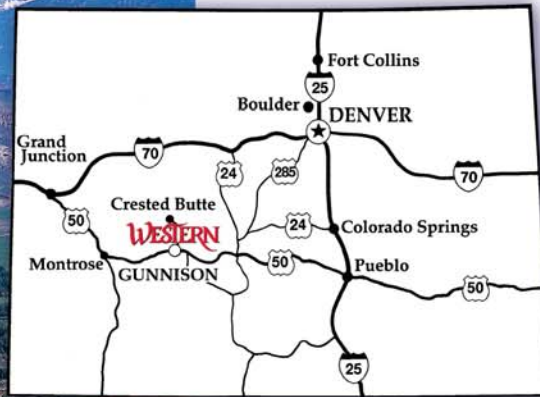
Western State College of Colorado

Western is located in the heart of the Rocky Mountains, in what one geology professor describes as "one of the greatest outdoor labs in the world."

Not only is the geology spectacular and the archaeology fascinating, recreational opportunities are abundant. Western students come from throughout Colorado, from every state in the nation, and from many foreign countries to experience Western's life in the Gunnison country.



Come see for yourself!



Approximate driving times:
Denver • 4 hrs
Colorado Spring • 3 hrs
Grand Junction • 2.5 hrs

Commuter and direct flights operate year-round into Gunnison.

WESTERN

STATE COLLEGE OF

COLORADO

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