

BACHELOR OF SCIENCE IN GEOLOGY

<u>REQUIRED CORE CLASSES</u>		<u>CREDITS</u>
GEOL 101	Introduction to Geology	5
GEOL 201	Climate & Water	3
GEOL 202	Natural Hazards & Tectonics	3
GEOL 203	Earth History	3
GEOL 210	Intro to Geologic Field Methods	4
GEOL 320	Rocks & Minerals	5
GEOL 346	Mineralogy	5
GEOL 360	Structural Geology	5
GEOL 370	Sedimentology & Stratigraphy	5
GEOL 384	Ocean, Atmosphere, & Climate	4
GEOL 487	End of Major Review	1
GEOL 489	Geologic Field Methods	6

<u>ELECTIVE MENU</u>		<u>CREDITS</u>
GEOL 304	Geological Sciences Seminar	1
GEOL 306	Communicating Geology	4
GEOL 351	Pacific Northwest Geology	3
GEOL 371	Paleobiology	4
GEOL 377	Regional Natural History	5
GEOL 382	Earth Resources & Pollution	4
GEOL 386	Geomorphology	5
GEOL 388	Field Trips	1-3
GEOL 415	Earthquake Geology	5
GEOL 423	The Cryosphere	5
GEOL 425	Environmental Geochemistry	5
GEOL 432	Field Geodetic Techniques	3
GEOL 434	Petroleum Geology	5
GEOL 441	Climate Variability & Change	5
GEOL 445	Hydrogeology	5
GEOL 453	Seismology	5
GEOL 456	Geodynamics	5
GEOL 470	Fluvial Geomorphology	4
GEOL 472	Coastal Geomorphology	4
GEOL 474	Quaternary Geology	4
GEOL 475	Petrography & Petrogenesis	5
GEOL 476	Advanced Sedimentology	4
GEOL 478	Volcanology	5
GEOL 483	Isotope Geochemistry	5
GEOL 484	Geochronology	5
GEOL 493	Field Methods Env. Geology	4

MINIMUM ELECTIVE TOTAL 20

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<u>ALLIED SCIENCES</u>		<u>CREDITS</u>
MATH 172	Calculus I	5
MATH 173	Calculus II (or MATH 211 Stats)	5
CHEM 181	General Chemistry I (& lab)	5
CHEM 182	General Chemistry II (& lab)	5
PHYS 181	General Physics I (& lab)	5
PHYS 182	General Physics II (& lab)	5
MINIMUM ALLIED TOTAL		30

Core Total	49
Minimum Elective Total	20
Minimum Allied Total	30

total for BS in Geology 99 credits

Graduating Seniors:

CWU requires a minimum of 60 Upper Division credits.
(300 or 400 level courses)

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