

B.S. GEOLOGY

Checklist for _____ 2008

	Credit hours	When completed
___ GEO 165 Geology I	3	_____
___ GEO 169 General Geology Lab	1	_____
___ GEO 210 Geology II	3	_____
___ GEO 370 Structural Geology	4	_____
___ GEO 411 Mineralogy	4	_____
___ GEO 421 Petrology	4	_____
___ GEO 459 Seminar in Geosciences.....	1	_____
___ GEO 461 Field Geology (or equiv).....	3	_____
___ GEO 300/400 courses with labs	16	(may incl. 4 hrs GIS)
_____		_____
_____		_____
_____		_____
_____		_____
___ CHEM 115/125 General Chemistry I	4	_____
___ CHEM 116/126 General Chemistry II.....	4	_____
___ PHYS 230/232 University Physics I	5	_____
___ or PHYS 121/123 College Physics I	4	_____
___ PHYS 231/233 University Physics II	5	_____
___ or PHYS 122/124 College Physics II	4	_____
___ MATH 122 University Calculus-I.....	4	_____
___ or MATH 120 Survey of Calculus-I.....	3	_____
___ MATH 123 University Calculus-II.....	4	_____
___ or MATH 121 Survey of Calculus-II.....	3	_____
___ A course in Statistics (200-level or above)...3		_____

and...

___ WRITING requirement: take any one of GEO 330, 335, or 400 (in addition to required GEO 421 and 370). These courses can also qualify as 300/400 electives.

TRANSFER CREDITS _____ YEAR GRADUATED _____

CCC requirements

Writing_____ (English 100 or equivalent)

Math_____ (fulfilled)

Foreign Language _____ (see College Catalog)

Arts_____

Humanities_____

Social Sciences_____ & _____

Natural Science_____ & _____ (fulfilled)

American History _____

Western Civilization_____

Non-Western Civilization_____

Speaking Intensive _____ GEO 345 (also counts as major elective), and
_____required GEO 459

Upper Level (6 hrs; **waived with minor**) _____

66 hours beyond major:_____

B.S. Geology majors are encouraged to obtain a masters degree (M.S.) in a geoscience discipline to be fully competitive for professional positions. The current view that metallic, fossil fuel, and water resources are reaching critical profitable extraction potential suggests that employment opportunities for geoscientists of all types will continue to grow well into the foreseeable future. Current and pending environmental concerns are another area where the skills of well-trained geoscientists will be in demand. The best way to fully prepare for success in the geosciences is to work hard in all your undergraduate classes (including math, chemistry, and physics) and to augment that knowledge with a strong post-graduate experience.