

Transfer Program in Geology

Listed below are the courses offered at Vermilion Community College that apply to the Bachelor of Science degree in Geology at the University of Minnesota Duluth. After successful completion of the listed Vermilion courses, students may complete the B. S. in Geology with additional full-time study at UMD.

Vermilion Community College Courses to Complete	cr	UMD Requirements Satisfied by Vermilion Courses	cr.
Engl 1511 College Composition	4	Comp 1120 College Writing	3
Chem 1522 General Chemistry I	5	Chem 1151 General Chemistry I	5
Chem 1523 General Chemistry II	5	Chem 1152 General Chemistry II	5
Geol 1557 Physical Geology	4	Geol 1110 Introductory Geology*	5
Math 1561 Calculus & Analyt Geom. I	5	Math 1296 Calculus I	5
Phys 2561 Engineering Physics I	5	Phys 1201 Mechanics	4
Phys 2562 Engineering Physics II	5	Phys 1202 Heat and Electricity	4
Liberal Education Electives/Minor Reg.	27		
*First two years include 9 cr Liberal Education			

Courses to Complete at UMD:

Stat 2411 Statistical Methods	3	Geol 3520 Structural Geology	4
Geol 2100 Geol. Computer Applications	1	Geol 3530 Field and Computer Methods	3
Geol 2210 Geomorphology	3	Geol 3710 Intro to Geochemistry	3
Geol 2311 Mineralogy and Petrology I	4	Geol 4810 Global Geophysics	3
Geol 2312 Mineralogy and Petrology II	4	Geol 4500 Field Geology	6
Geol 2315 Mineral Resource Geology	2	Geol Electives, Upper Division	9
Geol 3110 Environmental Geology	2	Comp 3150 Advanced Writing: Science	3
Geol 3410 Stratigraphy-Sedimentation	3	Minor Field Courses & Remaining Liberal Education	

Bachelor of Science in Geology

Geology is the study of the earth, particularly the outer layer known as the earth's crust. Geology graduates have pursued a wide variety of careers including minerals exploration, governmental research and mapping agencies, petroleum exploration, environmental geology, and hydrogeology. Recent UMD B.S. graduates are gaining employment with environmental engineering firms which focus on hydrogeology, ground water resources, land use, and resource planning. Many students will also continue their studies to the Master of Science level before pursuing a career.

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Further Information:

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