

Lake Superior State University—Transfer Guide

Gaylord Regional Center

Transfer Major: Bachelor of Science Degree Geology

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North Central Michigan College		LSSU Equivalency		LSSU Bachelor of Science Degree Geology	
MACRAO Requirements	28	MACRAO Requirements	28	Courses to Complete Degree	
GEOL 101 Physical Geology	4	GEOL 121 Physical/Historical GEOL 1	4	GEOL 218 Structural Geology & Tectonics	5
GEOL 102 Historical Geography	4	GEOL 122 Physical/Historical GEOL 2	4	GEOL 223 Mineralogy and Petrology	5
				GEOL 280 Intro to Field Geology	3
				GEOL 315 Geoenvironmental Systems	5
				GEOL 318 Tectonic Systems	5
				GEOL 323 Geochemical Systems	4
				GEOL 325 Clastic Systems	4
				GEOL 411 Hydrologic Systems: Surface and Groundwater	4
				GEOL 431 Geophysical Systems	5
				GEOL 445 Carbonate Systems	5
				GEOL 450 Geology Seminar 1	2
				GEOL 451 Geology Seminar 2	2
				GEOL 480 Advanced Field Geology	3
Support Courses		Support Courses		Support Courses	
CEM 121 Principles of Chemistry 1	5	CHEM 115 General Chemistry I	4+1		
CEM 122 Principles of Chemistry 2	5	CHEM 116 General Chemistry II	4+1		
PHY 210 General Physics 1	5	PHYS 221 Elements of Physics 1*	4+1		
PHY 211 General Physics 2	5	PHYS 222 Elements of Physics 2*	4+1		
MTH 119 College Algebra	4	MATH 111 College Algebra* or MATH 140 Precalculus Mathematics*	3-5		
		and			
MTH 121 Analytical Geometry and Calculus for Life	4	MATH 112 Calculus for Business and Life Sciences*	4		
MTH 200 Statistics	5	MATH 207 Principles of Statistical Methods or MATH 308 Probability and Mathematical Statistics or >>	3-4+1	BUSN 211 Business Statistics	3
Total NCMC CREDITS	69	Total LSSU Transfer Credits	66-70	Total LSSU Credits	55

APPROVED BY:

Dr. Barb Keller, Division Head, Division of Chemistry and Environmental Science, Geology, and Physics (Date)
Lake Superior State University

Students are encouraged to have earned MACRAO certification from North Central Michigan College. Students should work with their community college transfer counselor to verify MACRAO requirements.

*Students who have adequate preparation in mathematics are advised to take MATH 151 and MATH 152 in place of MATH 111 or MATH 140 and MATH 112, and to take PHYS 231-PHYS 232 in place of PHYS 221-PHYS 222.

Contact Ms. Kathleen Clarady, M.A., Transfer Specialist at LSSU for more information at 906-635-2808 or kclarady@lssu.edu
Lake Superior State University – Admissions Office 650 West Easterday Avenue Sault Sainte Marie, Michigan 49783

1-888-800-LSSU – www.lssu.edu

For more Course to Course equivalencies, visit www.lssu.edu/equivalency

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