

Missouri S&T — China University of Petroleum, Beijing

Geology and Geophysics BS Transfer Guide

Effective Fall 2012

The following course work will apply to Missouri S&T degree requirements as outlined below. All curriculum and transfer content is subject to university, school, departmental, and faculty review and approval on an ongoing basis.

		China University of Petroleum, Beijing			Missouri S&T			
		CUP #	Title	Hours	S&T #	Title	Hours	
Mathematics and Science	Mathematics and Science (Take all courses)							
		100616M001	Advanced Mathematics (I)	6		MATH 014 and MATH 015	Calculus for Engineers I and Calculus for Engineers II	4
		100616M002	Advanced Mathematics (II)	6		MATH 022 and 204	Calculus with Analytic Geometry III and Elementary Differential Equations <i>(apply toward degree as science and engineering electives)</i>	7
		100616M003	Linear Algebra	3		MATH 208	Linear Algebra I <i>(applies toward degree as science and engineering elective)</i>	3
		100616M004	Probability and Statistics	3.5		STAT 215	Engineering Statistics	3
		100627M001	University Physics I	4		PHYS 021	General Physics I	4
		100627M002	Experiment of College Physics I	2		PHYS 022	General Physics Lab I	1
		100627M003	University Physics II	4		PHYS 025	General Physics II	4
		100627M004	Experiment of College Physics II	1.5		PHYS 026	General Physics Lab II	1
		100617E001	University Chemistry I	4.5		Chem 1, 2	General Chemistry and Lab	4
		100617T016	University Chemistry II	2.5		Chem 221	Organic Chemistry I	4
		100514M001					General Credit <i>(A maximum total of 4 credits of general credit will apply toward degree as free electives.)</i>	
		Y50514X001	Introduction to Computer Technology Practice	3		GNCR		3
		100101E001	General Geology	3		GEOL 51, 53	Physical and Environmental Geology and Lab	4
		100101E013	Modern Stratigraphy and Historical Geology	3		GEOL 52, 54	Evolution of the Earth and Lab	4
		10010E002	Lithogenous Mineralogy	3.5		GEOL 113	Mineralogy and Crystallography	4
		10010E003	Structural Geology	4		GEOL 220	Structural Geology	4
		10010E004	Paleontology	2.5		GEOL 227	Systematic Palaeontology <i>(applies toward degree as geology elective)</i>	3
	10010E006	Igenous and Metamorphic Petrology	2		GEOL 130	Igneous and Metamorphic Petrology	4	
	10010E008	Sedimentology Petrography	4		GEOL 223,224	Stratigraphy and Sedimentation and Lab	4	
	100101P002	General Geology Field Trip	2		GEOL 373	Field Geology	3	
Social Sciences & Humanities	Social Sciences and Humanities							
		100844M002	Outline of Modern Chinese History / Essentials of Modern Chinese History*	2			Social Sciences Elective* <i>*Department will substitute for Social Sciences Elective</i>	3
			Morality Education and Fundamentals of Law*	3			Humanities Elective* <i>*Department will substitute for Humanities Elective</i>	3
			Principles of Marxism*	3			Social Sciences Elective* <i>*Department will substitute for Social Sciences Elective</i>	3
			Introduction to Mao-Ze-dong Thoughts and Theoretical System of the Chinese Characteristic Socialism*	4			Social Sciences Elective* <i>*Department will substitute for Social Sciences Elective</i>	3
Maximum Semester Credit Hours to be Transferred to Missouri S&T Degree							69	
<p>Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T. Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree. complete all courses on this guide before transferring to Missouri S&T.</p>							<p>Students must Students are not required to</p>	