

Missouri S&T — China University of Geosciences, Beijing

Petroleum Engineering 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 Geosciences, Beijing		Missouri S&T			
CUGB #	Title	Hours	S&T #	Title	Hours
Mathematics and Science (Take all courses)					
Mathematics and Science	Advanced Mathematics I and Advanced Mathematics II	12	MATH 014, 015, 022	Calculus for Engineers I and II and Calculus with Analytic Geometry III	12
	Linear Algebra	2	Math 208	Linear Algebra	3
	Probability and Mathematics Statistics A	3	STAT 215	Engineering Statistics	3
	Equations of Mathematical Physics and Special Functions	2	MATH 325	Partial Differential Equations	3
	College Chemistry	3.5	CHEM 001,002	General Chemistry I and Lab* <small>*Department will substitute for Chem 1,2</small>	5
	Fundamentals of Computers/Computer Science	4		General Credit	4
	Computer High-Level Language C++	4	CS 74,78	Intro to Programming and Lab (C++) (science elective)	3
	Introduction to Earth Science B	4	GEOL 051 and 053	Physical and Environmental Geology and Lab	4
	Geophysical Well Logging and Interpretation	3	Pet Eng 232	Well Logging I	3
Social Sciences and Humanities					
Social Sciences & Humanities	Essentials of Modern Chinese History*	2		Social Sciences Elective* <small>*Department will substitute for Social Sciences Elective</small>	3
	Morality Education and Fundamentals of Law*	3		Humanities Elective* <small>*Department will substitute for Humanities Elective</small>	3
	Principles of Marxism*	3		Social Sciences Elective* <small>*Department will substitute for Social Sciences Elective</small>	3
	Introduction to Mao-Ze-dong Thoughts and Theoretical System of the Chinese Characteristic Socialism*	4		Social Sciences Elective* <small>*Department will substitute for Social Sciences Elective</small>	3
Maximum Semester Credit Hours to be Transferred to Missouri S&T Degree					69
<p style="text-align: center;">Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T. Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree. Students are not required to complete all courses on this guide before transferring to Missouri S&T.</p>					