

Missouri S&T — St. Charles Community College

Chemistry BA Transfer Guide

Effective Fall 2014

The following course work will apply to Missouri S&T degree requirements as outlined below.

Students are not required to complete all course work before transferring to Missouri S&T.

St. Charles Community College				Missouri S&T			
	SCC #	Title	Hours		S&T #	Title	Hours
Communication Skills	Communication Skills (Take all courses)						
	ENG 101	English Composition I	3		ENGLISH 1120	Exposition and Argumentation	3
	ENG 102	English Composition II	3		ENGLISH 1160	Writing and Research	3
	SPE 101	Oral Communications	3		SPMS 1185	Principles of Speech	3
		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12			Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
	Total Hours				Total Hours		21
Mathematics and Sciences	Mathematics and Sciences (Take all courses)						
	MAT 180	Calculus and Analytic Geometry I	5		MATH 1208	Calculus with Analytic Geometry I	5
	MAT 230	Calculus and Analytic Geometry II	5		MATH 1221	Calculus with Analytic Geometry II	5
	CHM 115	General Chemistry I and Lab	5		CHEM 1310, 1319	General Chemistry I and Lab	5
	CHM 116	General Chemistry II	5		CHEM 1320, 1510	General Chemistry II and Qualitative Analysis	5
	Total Hours				Total Hours		20
Humanities	Humanities (Select 3 hours)						
	ART 1001	Art Appreciation	3		ART 1180	Art Appreciation	3
	MUS 111	Music Appreciation	2		MUSIC 1150	Music Understanding and Appreciation	3
	THE 122	Introduction to Theatre	3		THEATRE 1190	Theatre Appreciation	3
	LIT 250	English Literature Before 1800	3		ENGLISH 1211	British Literature I: The Beginnings to 1800	3
	LIT 210	American Literature From 1620 - 1865	3		ENGLISH 1221	American Literature: 1600 to 1865	3
	PHL 101	Introduction to Philosophy	3		PHILOS 1105	Intro to Philosophy	3
		<i>See your advisor for course options</i>				Other fine art, literature, or philosophy elective	
	Total Hours				Total Hours		3
Social Sciences	Social Sciences (Select 6 hours)						
	ECO 120 or ECO 110	Principles of Microeconomics or Principles of Macroeconomics	3		ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
	POL 101	American Government	3		POL SCI 1200	American Government	3
	PSY 101	Introduction to Psychology	3		PSYCH 1101	General Psychology	3
	HIS 101	US History to 1877	3		HISTORY 1300	American History to 1877	3
	HIS 102	US History Since 1877	3		HISTORY 1310	American History since 1877	3
		<i>See your advisor for course options</i>				Other economics, political science, psychology, or sociology	
		Total Hours				Total Hours	
Additional Degree Requirements	Additional Degree Requirements (Select up to 13 hours)						
	PHY 250	Engineering Physics I	5		PHYSICS 1111, 1119	General Physics I and Lab	5
	PHY 251	Engineering Physics II	5		PHYSICS 2111, 2119	General Physics II and Lab	5
	MAT 240	Calculus and Analytical Geometry III	5		MATH 2222	Calculus with Analytic Geometry III	4
	CHM 240	Organic Chemistry I	3		CHEM 2210, 2219	Organic Chemistry I and Lab	5
	CHM 241, 243	Organic Chemistry II and Org Chem I Lab	5		CHEM 2220, 2229	Organic Chemistry II and Lab	5
	HIS 145	Western Civ, Ancient and Medieval Heritage	3		HISTORY 1100	Early Western Civilization	3
	HIS 146	Western Civilization of Modern Europe	3		HISTORY 1200	Modern Western Civilization	3
		Total Hours				Total Hours	

Maximum credit hours to be transferred to Missouri S&T degree requirements.

60

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.