

# Metropolitan Community Colleges — Missouri S&T

## Psychology BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

### Metropolitan Community Colleges

### Missouri S&T

#### Communication Skills (Take all courses)

ENGL 101	Composition and Reading I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	Composition and Reading II	3	ENGLISH 1160	Writing and Research	3
COMM 100	Fundamentals of Speech	3	SPMS 1185	Principles of Speech	3
Total Hours			Total Hours		
9			9		

#### Psychology and Social Sciences (Take all courses)

PSYC 140	General Psychology	3	PSYCH 1101	General Psychology	3
PSYC 144	Adjustment & Personality	3	PSYCH 4501	Abnormal Psychology or <i>Department approved Psychology elective</i>	3
POLS 136	Introduction to American Politics	3	POL SCI 1200	American Government	3
GEOG 105	World Geography	3	HISTORY 2110	World Regional Geography	3
HIST 133	Foundations of Western Civilization	3	HISTORY 1100	Early Western Civilization <small>(applies to S&amp;T degree as world history elective)</small>	3
HIST 134	Western Civilization II	3	HISTORY 1200	Modern Western Civilization <small>(applies to S&amp;T degree as world history elective)</small>	3
HIST 120 or HIST 121	United States History to 1865 or United States History since 1865	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
ECON 211 or ECON 210	Microeconomics or Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
Total Hours			Total Hours		
24			24		

#### Humanities (Select 12 hours to include one course from each section.)

ART 108 or MUSI 108 or SPDR 106	Survey of Art or Music Appreciation or Theater Appreciation	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre via Video	3
PHIL 100	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
ENGL 220 or ENGL 222 or ENGL 254 or ENGL 260 or ENGL 262/268	British Literature to 1750 or American Literature I or World Literature I or African-American Literature or Women's Lives and Autobiography/Women's Literature <small>(or other literature elective)</small>	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2242 or ENGLISH 2245 or	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or Literature by Women or African American Literature <small>(or other literature elective)</small>	3
Additional elective in art, music, theatre, philosophy, literature, foreign language, or etymology		3	Additional elective in art, music, theatre, philosophy, literature, foreign language, or etymology		3
Total Hours			Total Hours		
12			12		

#### Mathematics and Sciences (Take all courses)

MATH 110 or MATH 120	Intermediate Algebra or College Algebra <small>(or higher level math)</small>	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra <small>(or higher math elective)</small>	3
MATH 115	Statistics	3	STAT 1115	Statistics for the Social Sciences	3
CHEM 111* or PHYS 130* or PHYS 220* or PHYS 106 or GEOL 101	General College Chemistry I* (5) or General Physics I* (5) or Engineering Physics I* (5) or General Astronomy (4) or Physical Geology (5) <small>(or other physical science lecture)</small> <small>*Note: Lab satisfies science lab requirement below.</small>	4-5	CHEM 1310, 1319* or PHYSICS 1145 or PHYSICS 1135* or PHYSICS 1505, 1509* or GEOLOGY 1110	General Chemistry I (4) and Lab* (1) or College Physics I (3) or Engineering Physics*(4) or Introductory Astronomy (3) and Lab* (1) or Physical and Environmental Geology (3) <small>(or other physical science lecture)</small> <small>*Note: Lab satisfies science lab requirement below.</small>	3-5
BIOL 101* or BIOL 123*	General Biology* (5) or General Biology for Majors I* (4) <small>(or other biological science)</small> <small>*Note: Lab satisfies science lab requirement below.</small>	4-5	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*	General Biology (3) and Lab* (2) or Principles of Biology (3) and Lab* (2) <small>(or other biological science lecture)</small> <small>*Note: Lab satisfies science lab requirement below.</small>	3-5
One lab course from any physical or biological science if not taken with lecture course above.		1-2	One lab course from any physical or biological science if not taken with lecture course above.		1-2
CSIS 123 or ENGR 204	Programming Fundamentals or Programming for Engineers and Scientists <small>(or other computer programming elective)</small>	3	CS 1971, 1981 or CS 1972, 1982	Intro to Programming Method and Lab or Intro to MATLAB Programming and Lab <small>(or other computer programming elective)</small>	3
Total Hours			Total Hours		
16			16		

#### Teacher Certification Requirements (Take all courses)

EDUC 100	Introduction to Education	2	EDUC 1040	Perspectives in Education	2
EDUC 270	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSYC 241	Human Development	4	PSYCH 3310	Developmental Psychology	3
EDUC 285	Education of Exceptional Learners	3	PSYCH 4310	Psychology of the Exceptional Child	3
Total Hours			Total Hours		
12			11		

**Professional Requirements for Teacher Education Program: Please view all program requirements at <https://teachereducation.mst.edu/secondaryeducation/>.**

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

**77**

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.