

East Central College — Missouri S&T

Psychological Science BA with Secondary Education Teacher Certification in Social Sciences

Transfer Guide Effective as of Fall 2025

East Central College

Missouri S&T

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
		Total Hours	6	Total Hours	

Psychological Science and Social Sciences

Take all courses.

PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
PSY 252	Adolescent Psychology	3	PSYCH 3311	Psych and Educational Devel of the Adolescent	3
PSY 224	Abnormal Psychology	3	PSYCH 4501	Abnormal Psychology or department-approved psychology elective	3
HST 101	US History to 1865	3	HISTORY 1300	American History to 1877	3
HST 102	US History 1865-1945	3	HISTORY 1310	American History since 1877	3
PSC 102	US Government I: National and State	3	POL SCI 1200	American Government	3
GRY 101	World Geography	3	HISTORY 2110	World Regional Geography	3
ECO 102 or ECO 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
		Total Hours	24	Total Hours	

Humanities

Select one course from each section.

ART 101 or MUS 101 or THE 101	Art Appreciation or Music Appreciation or Theatre Appreciation	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre via Video	3
PHL 101	Introduction to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy or other philosophy	3
ENG 210 or ENG 221 or ENG 124 or ENG 214 or ENG 215	Survey British Lit: Beginnings to 1784 or Survey American Lit: Colonial to 1865 or World Literature I or Women's Literature or African-American Literature (or other literature)	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 or other literature	3
Humanities	Additional elective in art, music, theatre, philosophy, literature, foreign language, or etymology	3	Humanities	Additional elective in art, music, theatre, philosophy, literature, foreign language, or etymology	3
		Total Hours	12	Total Hours	

Mathematics and Sciences

Select a total of 12 hours to include one course from each section.

MTH 110 or MTH 183 BUS 210 or MTH 150	Intermediate Algebra or College Algebra or higher math Basic Business Statistics or Statistics	3	MATH 1103 or MATH 1140 STAT 1115	Fundamentals of Algebra or College Algebra or higher math Statistics for the Social Sciences I	3
BIO 111 or BIO 121	General Biology and Lab* (5) or Principles of Biology I and Lab* (5) or other biological science lecture	3	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*	General Biology (3) and Lab* (2) or Principles of Biology (3) and Lab* (2) or other biological science lecture *The lab is not a degree requirement. Will transfer as general elective credit.	3
CHM 111 or PHY 111 or PHY 211, 212 or PHY 102 or GEO 101	General Chemistry I and Lab or College Physics I and Lab or General Physics I and Lab* or Introductory Astronomy or Intro to Geology *The lab is not required for the S&T degree. It will transfer as a general elective.	3	CHEM 1310, 1319* or PHYSICS 1145 or PHYSICS 1135 or PHYSICS 1505 or GEOLOGY 1110	General Chemistry I (4) and Lab* (1) or College Physics I (4) or Engineering Physics* (4) or Introductory Astronomy (3) or Physical and Environmental Geology* (3) or other physics, geology, or chemistry. *The lab is not a degree requirement. Will transfer as general elective credit.	3-5

A maximum of 12 hours applies to mathematics and sciences degree requirements. Any additional credit hours apply to degree totals as general elective credit.

Total Hours 12

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Teacher Certification Requirements

Take all courses.

EDU 201 or EDU 214	Foundations of Education or Multicultural Education	3	EDUC 1074	Education in a Diverse Society	2
EDU 190 or EDU 212	CDA Capstone-Childcare Practicum or Teaching Professional/Field Experience	3	EDUC 1104	Teacher Field Experience I	1
EDU 241	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3
PSY 250	Human Development	3	PSYCH 3310	Developmental Psychology	3
EDU 244	Education of the Exceptional Learner	3	EDUC 2310 or PSYCH 4310	Education of the Exceptional Child or Psychology of the Exceptional Child	3
		Total Hours	15	Total Hours	

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.

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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.