

East Central College — Missouri S&T

Economics BS

Transfer Guide Effective as of Fall 2026

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

East Central College

Missouri S&T

Communications and General Education

Take all courses.

ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 104	Business Writing	3	ENGLISH 1600	Intro to Technical Communication <small>Applies to degree as Gen Ed communication requirement.</small>	3
CIV 202 or HST 101 or HST 102	European Civilization II or US History to 1877 or US History Since 1877	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization or American History to 1877 or American History Since 1877	3
MTH 170	College Algebra	3	MATH 1140	College Algebra	3
Total Hours		12	Total Hours		12

Natural Sciences General Education Requirement

Select 7* hours to include 1 living science lecture, 1 physical science lecture, and 1 lab.

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 <small>or other physical science lecture*</small> <small>*Lab satisfies science lab requirement below.</small>	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) <small>or other physical science lecture</small> <small>*Lab satisfies science lab requirement below.</small>	3
BIO 111 or BIO 121 or EVR 103	General Biology and Lab* (5) or Principles of Biology I and Lab* (5) or Intro to Environmental Science (3) <small>or other biological science lecture*</small> <small>*Lab satisfies science lab requirement below.</small>	3	BIO SCI 1113, 1219* or BIO SCI 1213, 1219* or BIO SCI 1173	General Biology (3) and Lab* (2) or Principles of Biology (3) and Lab* (2) or Intro to Environmental Sciences (3) <small>or other biological science lecture</small> <small>*Lab satisfies science lab requirement below.</small>	3
Science Lab	One lab course from any physical or biological science if not taken with lecture course above.	1	Science Lab	One lab course from any physical or biological science if not taken with lecture course above.	1
Total Hours		7	Total Hours		7

*A maximum of 7 hours applies to the sciences degree requirement. Any additional credit hours apply to degree totals as general elective credit.

Major Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

ACC 101	Fundamentals of Accounting	3	BUS 1210	Financial Accounting	3
ECO 102	Principles of Microeconomics	3	ECON 1100	Principles of Microeconomics	3
ECO 101	Principles of Macroeconomics	3	ECON 1200	Principles of Macroeconomics	3
CIS 143 or EGR 221, 222	Implementing Info Systems-User Perspective (3) or C++ Program Engineers and Lab (4)	3	IST 1551 or COMP SCI 1971	Implementing Info Systems: User Perspective or Intro to Programming Methodology	3
MTH 180	Survey Calculus	3	MATH 1212	Survey of Calculus	4
MTH 242	Engineering Statistics	3	STAT 3115	Engineering Statistics <small>Will be substituted for STAT 3111.</small>	3
Electives	Maximum Free Electives	6	Electives	Maximum Free Electives	6

Humanities, Arts, and Social Sciences General Education Requirements

From the options listed in each group below, select 15 hours to include
6 hours Humanities and Fine Arts from at least two specific disciplines and
6 hours Behavioral and Social Sciences.

*At least one course must be selected from HISTORY 1200, 1300, 1310, or POL SCI 1200 to satisfy the State of Missouri government requirement.

Humanities and Fine Arts

Select 3 hours from each option below.

ART 101 pr 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
ENG 210 or ENG 211 or ENG 221 or ENG 222 or ENG 124	Survey British Lit: Beginnings - 1784 or Survey British Lit: Romantic - Present or Survey American Literature: Beginnings - 1865 or Survey American Literature: 1865 - Present or World Literature I	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231 or ENGLISH 2230	British Literature I: The Beginnings to 1800 or British Literature II: 1800 to Present American Literature: 1600 to 1865 or American Literature: 1865 to Present or World Literature I: Beginnings to The Renaissance or Literature and Film	3

Behavioral and Social Sciences

PSYCH 1101 and POL SCI 1200 are required.

PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
PSC 102*	US Government I: National and State* <small>*Satisfies the State of Missouri government requirement.</small>	3	POL SCI 1200*	American Government* <small>*Satisfies the State of Missouri government requirement.</small>	3

Humanities, Arts, and Social Sciences

SPMS 1185 is required.

COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
Total HASS Hours		15	Total HASS Hours		15

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.
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