East Central College — Missouri S&T
Economics BS
Transfer Guide Effective as of Fall 2025

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
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	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 11	General Chemistry I and Lab (5) or College Physics I and Lab (5) or General Physics I and Lab (5) or Intro to Astronomy (3) or Intro to Geology (3) or other physical science lecture *Lab satisfies science lab requirement below.	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 physical science lecture *Lab satisfies science lab requirement below.	3
BIO 111 or BIO 121 or EVR 103 or BIO 122	General Biology and Lab* (5) or Principles of Biology I and Lab* (5) or Intro to Environmental Science (3) or Principles of Biology II and Lab* (5) or other biological science lecture *Lab satisfies science lab requirement below.	3	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*or BIO SCI 1173 or BIO SCI 1223, 1229*	General Biology (3) and Lab* (2) or Principles of Biology (3) and Lab* (2) or Intro to Environmental Sciences (3) or Biodiversity (3) and Lab* (1) or other biological science lecture *Lab satisfies science lab requirement below.	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
*A maximum of 7 hours applies to the sciences degree requirement. Any additional credit hours apply to degree totals as general elective credit.					
	Total Hours	7		Total Hours	7

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 CS 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 Will be substituted for STAT 3111.	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					
9 additional hours as specified below					
*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 Understanding and Appreciation or Theatre via Video	3
ENG 210 or ENG 211or ENG 221 or ENG 222	Survey British Lit: Beginnings - 1784 or Survey British Lit: Romantic - Present or Survey American Literature: Beginnings - 1865 or Survey American Literature: 1865 - Present	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222	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	3
Behavioral and Social Sciences					
Take all courses.					
PSC 102*	**US Government I: National and State***	3	**POL SCI 1200***	**American Government*** *Satisfies the Missouri state government requirement.	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
Humanities, Arts, and Social Sciences					
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
	Total Hours	15		Total 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.
Students are not required to complete all courses on this guide before transferring to Missouri S&T.