

Crowder College — Missouri S&T

Biological Sciences BA

Transfer Guide Effective as of Fall 2025

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

Crowder College

Missouri S&T

Communication Skills

Take all courses.

ENGL 101	English Composition	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102 or ENGL 203 or COMM 104	Advanced English Composition or Technical Report Writing or Fundamentals of Speech	3	ENGLISH 1160 or ENGLISH 3560 or SPMS 1185	Writing and Research or Technical Writing or Principles of Speech <small>Applies to degree as Gen Ed Communication requirement.</small>	3
Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12	Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12

Total Hours 18

Total Hours 18

Major Requirements

Take all courses.

BIOL 101	General Biology	4	BIO SCI 1113,1219	General Biology and Lab	4
CHEM 111	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 112	General Chemistry II	5	CHEM 1320, 1510*	General Chemistry II (3) and Qualitative Analysis (2) <small>*CHEM 1510 is not a degree requirement, transfers as general elective credit.</small>	3

Total Hours 14

Total Hours 12

Math and Physical Sciences

Select 9 hours to include college algebra or higher math.					
MATH 135	Algebra for Calculus or higher math	3	MATH 1140	College Algebra or higher math	3
PHYS 105	Descriptive Astronomy or other physics	4	PHYSICS 1505	Introductory Astronomy (3) or other physics	3-4
GEOL 115	Intro to Geology	4	GEOLOGY 1110	Physical and Environmental Geology or other geology	3
Physics or Geology Mathematics	Other physics or geology. Other mathematics higher than college algebra.	3	Physics or Geology Mathematics	Other physics or geology. Other mathematics higher than college algebra.	3
	Total Hours	9			Total Hours 9

Humanities

Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatre), philosophy, literature.

ART 101 or MUSC 101 or TA 205	Art Appreciation or Music Appreciation or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ENGL 240 or ENGL 245 or ENGL 230 or ENGL 235 or ENGL 222	British Literature I or British Literature II or Survey of American Literature I or Survey of American Literature II or World Literature I	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231	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	3
PHL 101 or PHL 201	Intro to Western Philosophy or Logic	3	PHILOS 1105 or PHILOS 1115	Self and World: Intro to Philosophy or Logic and Reasoning: An Introduction	3
	Total Hours	9			Total Hours 9

Social Sciences

Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.

ECON 202 or ECON 201	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PLSC 103	National, State, Local Government	3	POL SCI 1200	American Government	3
PSYC 101	General Psychology	3	PSYCH 1101	General Psychology	3

Total Hours 9

Total Hours 9

Additional Degree Requirements

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

BSAD 236 or MATH 130 or COMP 111	Business Statistics (3) or Elementary Statistics (3) or Intro to Computer Science (4)	3-4	STAT 1115* or COMP SCI 1971, 1981	Statistics for the Social Sciences I* (3) or Intro to Programming Method and Lab (3) Satisfies a computer science/statistics requirement. Credit hours apply to degree totals as indicated for each course. <small>*Will be substituted for STAT 3111.</small>	3-4
HIST 101	Western Civilization I	3	HISTORY 1100	Early Western Civilization	3
HIST 102	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3

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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