

Crowder College — Missouri S&T

Biological Sciences BA with Secondary Education Teacher Certification

Transfer Guide Effective as of Fall 2026

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	Advanced English Composition or Technical Report Writing	3	ENGLISH 1160 or ENGLISH 3560	Writing and Research or Technical Writing	3
COMM 104	Fundamentals of Speech	3	SPMS 1185	Principles of Speech	3
		Total Hours			Total Hours
		9			9

Social Sciences

Take all courses.

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			Total Hours
		6			6

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 Appreciation or Theatre via Video	3
PHIL 101 or PHIL 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
ENGL 240 or ENGL 230 or ENGL 222	British Literature I or Survey of American Literature I or World Literature I or any literature with prerequisite of no more than English Composition I.	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or any literature with prerequisite of no more than ENGLISH 1120.	3
		Total Hours			Total Hours
		9			9

Mathematics and Sciences

Take all courses.

MATH 125 or MATH 135 or BSAD 236 or MATH 130	Quantitative Reasoning or Algebra for Calculus or Business Statistics or Elementary Statistics or higher math or statistics	3	MATH 1110 or MATH 1140 or STAT 1115	Mathematical Reasoning and Modeling or College Algebra or Statistics for the Social Sciences or higher math or statistics	3
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) *CHEM 1510 is not an S&T degree requirement. Will transfer as general credit.	3
BIOL 101	General Biology	4	BIO SCI 1113, 1219	General Biology and Lab	4
		Total Hours			Total Hours
		17			15

Additional Degree Requirements

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

PHYS 105	Descriptive Astronomy	3	PHYSICS 1505	Astronomy (3) Satisfies a 3-hour science requirement. Any additional credits apply to degree totals as general elective credit.	3
GEOL 115	Intro to Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
HIST 101	Principles of Biology II equivalent	3	BIO SCI 1223, 1229	Biodiversity and Lab	5
HIST 102	Western Civilization I	3	HISTORY 1100	Early Western Civilization	3
MATH 130 or BSAD 236 or COMP 111	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
	Elementary Statistics or Business Statistics or Intro to Computer Science Or other statistics or computer class. Statistics preferred; computer class is acceptable.	3	STAT 1115 or STAT 1115 or COMP SCI 1971, 1981	Statistics for Social Sciences I or Statistics for Social Sciences I or Intro to Programming Method and Lab Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit.	3

Teacher Certification Requirements

Take all courses.

EDUC 125	Intro to Education	3	EDUC 1074	Education in a Diverse Society	3
EDUC 251	Teaching Profession with Field Experience	3	EDUC 1104	Teacher Field Experience I	1
EDUC 231	Educational Psychology	3	EDUC 2102 or PSYCH 2300	Educational Psychology	3
PSYC 211	Lifespan Development	3	PSYCH 3310	Developmental Psychology	3
EDUC 240	Education of Exceptional Learners	3	EDUC 2310 or PSYCH 4310	Education of the Exceptional Child or Psychology of the Exceptional Child	3
		Total Hours			Total Hours
		15			13

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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2026.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.