

Moberly Area Community College — Missouri S&T

Biological Sciences BA with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

Moberly Area Community College

Missouri S&T

Communication Skills (Take all courses)

LAL 101	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
LAL 102 or IND 120	Composition II or Technical Report Writing	3	ENGLISH 1160 or ENGLISH 3560	Writing and Research or Technical Writing	3
SPK 101	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours			Total Hours
		9			9

Social Sciences (Take all courses)

PCS 105	Intro to American Government	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
		Total Hours			Total Hours
		6			6

Humanities (Take all courses)

ART 101 or ART 102 or MUS 101 or MUS 102 or DRM 120	Art Survey and Appreciation I or Art Survey and Appreciation II or Fundamentals of Music 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
PHI 150 or PHI 151	Intro to Philosophy or Intro to Logic	3	PHILOS 1105 or PHILOS 1115	Intro to Philosophy or Intro to Logic	3
LAL 150 or LAL 120 or LAL 210 or LAL 255 or LAL 125	English Literature Survey to 1750 or American Literature Survey to 1870 or A Survey of World Literature I or Women's Literature or African-American Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2242 or ENGLISH 2245	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 elective)	3
		Total Hours			Total Hours
		9			9

Mathematics and Sciences (Take all courses)

MTH 101	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher math)	3
PHY 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHY 122	General Chemistry II	5	CHEM 1320	General Chemistry II	3
BIO 155	General Biology for Majors I	4	BIO SCI 1113 or BIO SCI 1213	General Biology or Principles of Biology	3
		Total Hours			Total Hours
		17			14

Additional Degree Requirements

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

PHY 181 or PHY 162	General Physics I (4) or General Astronomy (3)	3-4	PHYSICS 1145 or PHYSICS 1505	College Physics I or Astronomy	3
PHY 163	Geology	4	GEOLOGY 1110	Physical and Environmental Geology	3
BIO 160	General Biology for Majors II	4	BIO SCI 1223, 1229	Biodiversity and Lab	5
PHY 222	Elementary Organic Chemistry	5	CHEM 2210	Organic Chemistry I	4
HST 101	Western Civilization I	3	HISTORY 1100	Early Western Civilization	3
HST 102	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
MTH 160 or MTH 215	Elementary Statistics or Intro to probability and Statistics (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3	STAT 1115 or STAT 3111	Statistics for Social Sciences I or Statistical Tools for Decision Making (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3

Teacher Certification Requirements (Take all courses)

EDU 220	Foundations of Education in a Diverse Society	3	EDUC 1040	Perspectives in Education	2
EDU 245	Educational Psychology	3	PSYCH 2300 (EDUC 2102)	Educational Psychology	3
PSY 205	Human Lifespan Development	3	PSYCH 3310	Developmental Psychology	3
EDU 242	Educational of Exceptional Learners	3	PSYCH 4310	Psychology of the Exceptional Child	3
		Total Hours			Total Hours
		12			11

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.