

Moberly Area Community College — Missouri S&T
 Biological Sciences BA with Secondary Education Teacher Certification Transfer Guide
 Effective as of Fall 2020

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	Composition II or	3	ENGLISH 1160 or	Writing and Research or	3
IND 120	Technical Report Writing	3	ENGLISH 3560	Technical Writing	3
SPK 101	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours			Total Hours
					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

Humanities (Take all courses)

ART 101 or	Art Survey and Appreciation I or	3	ART 1180 or	Art Appreciation or	3
ART 102 or	Art Survey and Appreciation II or		MUSIC 1150 or	Music Appreciation or	
MUS 101 or	Fundamentals of Music or		THEATRE 1190	Theatre via Video	
MUS 102 or	Music Appreciation or	3	PHILOS 1105 or	Intro to Philosophy or	3
DRM 120	Theatre Appreciation		PHILOS 1115	Intro to Logic	
PHI 150 or	Intro to Philosophy or		ENGLISH 1211 or	British Literature I: The Beginnings to 1800 or	
PHI 151	Intro to Logic	3	ENGLISH 1221 or	American Literature: 1600 to 1865 or	3
LAL 150 or	English Literature Survey to 1750 or		ENGLISH 1231 or	World Literature I or	
LAL 120 or	American Literature Survey to 1870 or		ENGLISH 2242 or	Literature by Women or	
LAL 210 or	A Survey of World Literature I or		ENGLISH 2245 or	African American Literature	
LAL 255 or	Women's Literature or	9	(or other literature elective)		9
LAL 125	African-American Literature		(or other literature elective)		
		Total Hours			Total Hours
					9

Mathematics and Sciences (Take all courses)

MTH 101	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher level 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, 1510*	General Chemistry II and Qualitative Analysis*	3
BIO 155	General Biology for Majors I	4	BIO SCI 1213,1219	General Biology (3) and Lab (2)	5
		Total Hours			Total Hours
					17

Additional Degree Requirements (Select up to 20 hours)

PHY 181 or	General Physics I (4) or	3-4	PHYSICS 1145,1119* or	College Physics I (3) and Lab* (1) or	3
PHY 162	General Astronomy (3)		PHYSICS 1505	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 (3) and Lab (1)	4
PHY 222	Elementary Organic Chemistry	5	CHEM 2210,2219*	Organic Chemistry I (4) and Lab* (1)	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	Elementary Statistics or	3	STAT 1115 or	Statistics for Social Sciences I or	3
MTH 215	Intro to probability and Statistics		STAT 3111	Statistical Tools for Decision Making	
		Total Hours			Total Hours
					20

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	Educational Psychology	3
PSY 205	Human Lifespan Development	3	(EDUC 2102)		
EDU 242	Educational of Exceptional Learners	3	PSYCH 3310	Developmental Psychology	3
		Total Hours	PSYCH 4310	Psychology of the Exceptional Child	3
					Total Hours
					11

***Teacher certification notes:** An ACT of 22 or a 220 on the MoGEA is required for professional standing in the department. Students must pass the MoCA, maintain a 2.75 cumulative GPA, and a 3.0 content GPA to qualify for student teaching. Students completing this program will earn a BA in Biological Science.

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.