## Moberly Area Community 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.

Line   Line   Composition		Moberly Area Community College			Missouri S&T		
Lead-101		Co	ommunic	cation Skills			
Life   Life   Composition   In or Public Spending   3   SPANE   160			Take all	courses.			
Purple   P	LAL 101	Composition I	3	ENGLISH 1120	-	3	
Total Hours	LAL 102 or SPK 101	·	3		Principles of Speech	3	
Biology or	Foreign Language	3 semesters of same language OR 2 semesters of each of two different	12	Foreign Language	3 semesters of same language OR 2 semesters of each of two different	12	
Solicy   Biology or   4   Biology   General Biology and Lab or   4   Biology   General Biology for Majors   4   Biology   General Biology and Lab or   4   Biology   General Biology and Lab or   4   Biology   General Biology and Lab   4   Biology   General Biology   General Chemistry   Iard Lab   4   Biology   General Chemistry   Iard Lab			18			18	
Bill Old Or	Major Requirements						
Biol 155   General Blookoy for Majors I   4   Biol Sci 1213, 1219   Principles of Biology and Lab   4			Take all				
Second   Command   Second			4		0,	4	
Total Hours 18  Total Hours 19  Total Hours 19	BIO 160		4			4	
Total Hours 18    Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 18   Total Hours 19   Total	PHY 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5	
Solect 9 hours to include a least one course in each of the Tollowing a reass: fine arts (art, music, or theatre), philosophy, literature.  ART 101 or Art Survey and Appreciation of Art Survey and Appreciation of International Survey to 1750 or English Literature Survey to 1750 or American Literature Survey to 1750 or American Literature Survey to 1750 or Senior 1701 or American Literature Survey to 1750 or English Literature Survey to 1750 or English Literature Survey to 1750 or Senior 1701 or American Literature Survey to 1750 or English Literature Survey to 1750 or Senior 1701 or American Literature Survey to 1750 or English Literature Survey to 1750 or English Literature Survey to 1750 or Senior 1701 or American Literature Survey to 1750 or English Literature Survey to 1750 or Senior 1701 or American Literature Survey to 1750 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Literature Survey to 1750 or Senior 1701 or English Senior 1701 or Senior 1701 o	PHY 122	General Chemistry II	5	CHEM 1320, 1510*		3	
Select 9 hours to Include college algebra or higher math.  MATH 1140		Total Hours	18		Total Hours	16	
MTH 101 College Algebra	Math and Physical Sciences						
PHY 182 or General Astronomy (3) or General Physics (10) 9-5 PHYSICS 1505 or PHYSICS 1145 College Physics (3) expenses or general Physics or gener		Select 9 hours to	include co	ollege algebra or higher mat	th.		
PHY 181 General Physics I (5) 5-9 PHYSICS 1145 College Physics (4) or amer physics 3 Physics or Geology 4 4 GEOLOGY 1110 Physics or geology 3 3 Physics or Geology Other physics or geology 6 3 Physics or Geology Other physics or geology 7 Other physics or geology 7 Other physics or geology 8 3 Mathematics Other mathematics higher than college algebra. 3 Mathematics Other mathematics of the college of	MTH 101	College Algebra	3	MATH 1140	College Algebra or higher math	3	
PHY 163 Geology Other physics or geology. Other physics or geology. Other physics or geology. Other physics or geology. Other mathematics higher than college algebra. 3 Physics or Geology Other mathematics higher than college algebra. 3 Physics or Geology Other physics or geology. Other mathematics higher than college algebra. 3 Physics or Geology Other physics or geology. 9 Physical and Environmental Geology or omer geology. 9 Physical Sciences Physical Center of College algebra. 3 Physics of Geology Other Physics or geology. 9 Physical Environmental Geology or omer geology. 9 Physical Environmental Geology or One Physical Environmental Environmental Geology or One Physical Environmental Enviro	PHY 162 or		3-5		, , ,	3-4	
Physics of Geology Mathematics Other mathematics higher than college algebra. 3	PHY 163		4			3	
Total Hours   Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatre), philosophy, literature.	Physics or Geology	Other physics or geology.		Physics or Geology	Other physics or geology.		
RRT 101 or Af Survey and Appreciation I or Fundamentals of Music or 3 a Music Appreciation or Music Order Affect Survey from 1750 or Heather Appreciation Or Music Appreciation Or Theather Appreciation Or Theather Appreciation Or Survey from 1750 or English Literature Survey from 1750 or English Literature Survey from 1750 to Present or American Literature Survey from 1870 to Present or Survey from 1870 to Present or American Literature Survey from 1870 to Present or Survey from 1870 to Present or American Literature Survey from 1870 to Present or Survey from 1870 to Present or American Literature Survey from 1870 to Present or English 1221 or American Literature Survey from 1870 to Present or Survey from 1870 to Pre	Mathematics			Mathematics	0 0		
Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatro), philosophy, literature.  ART 102 or Art Survey and Appreciation 1 or ART 1180 or Art Appreciation or Art Survey and Appreciation or The Fundamentals of Music or Music 1180 or Music 1180 or Music		Total Hours		anities	i otal i louis	9	
ART 101 or Art Survey and Appreciation I or Art 102 or Art Survey and Appreciation I or I or Music Or Art 100 or Art Appreciation or I or Fundamentals of Music or I Music Or Or Or Or American Literature Survey to 1870 or 1870 to Present or English Literature II: 1800 to Present Or American Literature 1800 to 1865 or American Literature 1800 to 1805 or American Literature 1800 to 1865 or American Literature 1800 to 1805 or American		Soloct 9 hours to include at least one course in each o			nucic or theatre) philosophy literature		
ART 102 or Muss of the Music of Purpose and Appreciation or Fundamentals of Music or Fundamental Enterature Survey to 1750 or Fundamental Enterature Survey to 1750 or Fundamental Enterature Survey from 1750 to Present or Fundamental Enterature Survey from 1750 to Pre	ART 101 or		i the follow	ving areas. Time arts (art, in	iusic, or theatre, philosophy, interature.		
Mush Appreciation or   The ATRE 1190   The atre via Video   The Appreciation   The Appr	ART 102 or	· · · · · · · · · · · · · · · · · · ·			· ·		
DRM 120 Theatre Appreciation Lat 150 or English Literature Survey to 1750 or English Literature Survey from 1750 to Present or English Literature Survey from 1750 to Present or English Literature Survey from 1750 to Present or American Literature Survey from 1750 to Present or American Literature Survey from 1870 to Present or American Literature Survey from 1870 to Present or Anti-120 or American Literature Survey from 1870 to Present or Anti-121 or American Literature Survey from 1870 to Present or Engl.IsH 1221 or American Literature: 1800 to 1855 or 3 Lat 1210 A Survey of World Literature I Brown 1870 to Present or Engl.IsH 1223 to World Literature: 1855 to 1865 and World: Intro to Philosophy or Intro to Logic Intro to Logic Phillos 1115 or Self-and World: Intro to Philosophy or Intro to Logic Phillos 1115 or Intro to Logic Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.  Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.  ECN 102 or Microeconomics or Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.  ECN 101 Macroeconomics or Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.  ECN 102 or Microeconomics or Select 100 American Government 3 Polysic 100 Or Principles of Macroeconomics or Polysic 100 Or Principles of Macroeconomics or Select 100 Or Principles of Macroeconomics or Total Hours 9 Polysic 100 Or Principles of Macroeconomics 100 Or Principles of Ma			3			3	
LAL 151 or LAL 120 or American Literature Survey from 1750 to Present or Ala 121 or American Literature Survey to 1870 or American Literature Survey to 1870 or American Literature Survey from 1870 to Present or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1221 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1221 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1221 or American Literature: 1865 to Present or ENGLISH 1221 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or American Literature: 1865 to Present or ENGLISH 1222 or ENGLISH 122	DRM 120	Theatre Appreciation					
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LAL 210 A Survey of World Literature I Intro to Philosophy or Intro to Philosophy or Intro to Philosophy or Intro to Logic Int	LAL 131 or	,	3			3	
PHI 150 or Intro to Philosophy or Intro to Logic	LAL 121 or	·					
PHI 151 Intro to Logic		·					
Social Sciences  Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.  ECN 102 or Microeconomics or Macroeconomics or Principles of Macroeconomics or Principles	PHI 151	· ·	3			3	
Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.  ECN 102 or Microeconomics or Macroeconomics or Macroeconomics or Macroeconomics or Macroeconomics or Macroeconomics or Macroeconomics or Principles of Macroeconomics or		Total Hours			Total Hours	9	
ECN 102 or Microeconomics or Macroeconomics or Macroeconomics or Macroeconomics or ECN 101 Macroeconomics 3 ECN 1101 Macroeconomics 3 ECN 1200 Principles of Macroeconomics 3 POL SCI 1200 American Government 3 PSY 101 General Psychology 3 PSYCH 1101 General Psychology 3 PSYCH 1101 General Psychology 3 PSYCH 1101 General Psychology 3 Total Hours 9 Tota							
ECN 101 Macroeconomics 3 ECON 1200 Principles of Macroeconomics 3 PCS 105 Intro to American Government 3 POL SCI 1200 American Government 3 PSYCH 1101 General Psychology 3 PSYCH 1101 General Psychology 5  Total Hours 9 Total Hours 9  Additional Degree Requirements  Select additional courses to total up to the maximum transfer credit hours shown below.  STAT 3111 or Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics requirement. (79) Your 1115*  PHY 222 Organic Chemistry I 5 CHEM 2210, 2219* Organic Chemistry I Western Civilization I 3 HISTORY 1100 Early Western Civilization 3 HISTORY 1100 Modern Western Civilization I 3 HISTORY 1200 Modern Western Civilization 3  Maximum credit hours to be transferred to Missouri S&T degree requirements.  Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.	ECN 102 or		ollowing th				
PSY 101 General Psychology Total Hours 9 PSYCH 1101 General Psychology Total Hours 9  Additional Degree Requirements  Select additional courses to total up to the maximum transfer credit hours shown below.  MTH 215 or Intro to Probability and Statistics or Elementary Statistics  Total Hours  STAT 3111 or Statistics for the Social Sciences I* (3)) STAT 1115* Salisfies a computer science/statistics for the Occial Sciences I* (3)) Span Statistics for the Social Sciences I* (3) Statistics a computer science/statistics requirement. Credit hours apply to degree totals as indicated for each course.  *Will be substituted for STAT 3111.  PHY 222 Organic Chemistry I (3) and Lab* (1) *The lab is not a degree requirement, transfers as general elective credit.  ### Additional Degree Requirements ### Additional Degree Requirement Statistics ### Additional Courses to total up to the maximum transfer credit hours apply to degree totals as indicated for each course.  **Will be substituted for STAT 3111.  **Organic Chemistry I (3) and Lab* (1) **The lab is not a degree requirement, transfers as general elective credit.  ### Additional Degree Requirement Statistics or the Statistics or complete at Missouri S&T.  **Mill be substituted for STAT 3111.  **The lab is not a degree requirement, transfers as general elective credit.  **The lab is not a degree requirement, transfers as general elective credit.  **The lab is not a degree requirement, transfers as general elective credit.  **The lab is no	ECN 101		3			3	
Additional Degree Requirements  Select additional courses to total up to the maximum transfer credit hours shown below.  MTH 215 or Intro to Probability and Statistics or Elementary Statistics  MTH 215 or Organic Chemistry I  PHY 222 Organic Chemistry I  Western Civilization I  Western Civilization II  Maximum credit hours to be transferred to Missouri S&T degree requirements.  Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.	PCS 105						
Additional Degree Requirements  Select additional courses to total up to the maximum transfer credit hours shown below.  MTH 215 or MTH 169 Intro to Probability and Statistics or Elementary Statistics  MTH 222 Organic Chemistry I  Organic Chemistry I  Western Civilization I  HST 101 Western Civilization II  MSATIFY 102 Western Civilization II  MSATIFY 103 Maximum credit hours to be transferred to Missouri S&T degree requirements.  MISSOURI S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.	PSY 101		-	PSYCH 1101			
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Intro to Probability and Statistics or Elementary Statistics  MTH 215 or MTH 169  Intro to Probability and Statistics or Elementary Statistics  A STAT 3111 or Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics requirement. Credit hours apply to Satisfies a computer science/statistics requirement. Credit hours apply to Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics requirement. Credit hours apply to Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics requirement. Credit hours apply to Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics requirement. Credit hours apply to Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics requirement. Credit hours apply to Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics requirement. Credit hours apply to Statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3)) Satisfies a computer science/statistics for the Social Sciences I* (3) Satisfies a computer science/statistics for the Social Sciences I* (3) Satisfies a computer science/statistics for the Social Sciences I* (3) Satisfies a computer science/statistics for the Social Sciences I* (3) Satisfies a computer science/statistics for the Social Sciences I* (4) Satisfies a computer science/statistics for the Social Sciences I* (4) Satisfies a computer science/statistics for the Social Sciences I* (4) Satisfies a computer science/statistics for the Social Scien					ours shown below.		
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PHY 222 Organic Chemistry I	MTH 169	Elementary Statistics		SIAI 1115*	degree totals as indicated for each course.		
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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.	HST 102	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3	
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