Jefferson College — Missouri S&T Biological Sciences BS Transfer Guide Effective as of Fall 2024

THT 100 Theatre Appreciation 3 THEATRE 1190 Theatre via Video 3 ENG 130 English Life and Literature I 3 ENGLISH 1211 British Literature I: The Beginnings to 1800 3 ENG 175 American Literature I 3 ENGLISH 1221 American Literature: 1600 to 1865 3 ENG 215 World Literature before 1650 3 ENGLISH 1231 World Literature I 3 PHL 102 Intro to Philosophy 3 PHILOS 1105 Self and World: Intro to Philosophy 3 Fine Arts Other fine art, literature, or philosophy 3 Fine Arts Other fine art, literature, or philosophy 3 Mathematics and Sciences		Jefferson College		Missouri S&T		
Ministry			Communi	cation Skills		
Page			Take al	I courses.		
No. Social Science		English Composition II	3		Writing and Research	3
		Total F		0.	Total Hours	s 6
HIST 702 or Annalesance to Early Mode Europe work work ref or HIST 1704 or US History 10 Reconstruction or ST 1704 or US and Misconscondoval and construction or ST 1704 or US and Misconscondoval and construction or ST 1704 or US 2004 or Reconstruction or ST 1704 or US 2004 or Reconstruction or ST 1704 or Re						
HIST 104 or US Hatory to Reconstruction or HIST 104 or US Hatory thore Reconstruction or PSC 102 US and Missouri Government Natural Missouri Government Natural Missouri History (Since 1877 or Natural Missouri Government	HST 202 or		to include on			
ECO 1101 Macroeconomics 3	HST 103 or HST 104 or	US History I to Reconstruction or US History II from Reconstruction or US and Missouri Govt. and Constitution At least one of these courses is required to satisfy a State of Missouri	3	HISTORY 1300 or HISTORY 1310 or	American History to 1877 or American History Since 1877 or American Government At least one of these courses is required to satisfy a State of Missouri	3
ECO 101 Macroeconomics Control General Phychology 3 Social Science PSYCH 1101 General Biology (5) or			3			3
Other economics, history, political science, sociology, psychology. Total Hours 9 Psy						
Social Science Psychology. Total Hours 9 Social Science Psychology. Total Hours						
Art 101	Social Science	psychology.		Social Science	psychology.	
National Select		Total H			Total Hours	3 9
ART 101						
THT 100	ART 101	Art Appreciation			Art Appreciation	3
ENG 130 English Life and Literature 3 ENGLISH 1211 British Literature 1 Beginnings to 1800 3 ENG 15 American Literature 3 ENG 15 American Literature 1 Bot 1686 3 BENG 15 BEN	MUS 121	· ·				
ENG 175						
ENG 215 World Literature before 1850 3 PHL 102 Intro to Philosophy 3 3 PHL 102 Intro to Philosophy 3 3 PHL 102 Intro to Philosophy 3 3 PHL 105 Self and World: Intro to Philosophy 3 10 Self and World: Intro to Philosophy 10 Self and World: Intro to Philos						
PHL 102						
Fine Arts						
BIO 101 or General Biology (5) or BIO 103 Biology for Majors I (4) 4 BIO SCI 1113, 1219 or BIO 103 Biology for Majors I (4) 4 BIO SCI 1213, 1219 Principles of Biology and Lab or Principles of Biology and Lab Principles of Biology and	Fine Arts	Other fine art, literature, or philosophy	3		Other fine art, literature, or philosophy	-
BIO 101 or General Biology (5) or Biology for Majors I (4) a BIO SCI 1213, 1219 or Principles of Biology and Lab or Survey of Calculus or Calculus I Survey of Calculus I Survey of Calculus or Calculus I Survey of Calculus I Survey of Calculus I Survey of Calculus or Calculus I Survey of Calculus In Calculus I Survey of Calculus In Calculus I Survey of Calculus In Calculus In Calculus I Survey of Calculus In Calculus In Calculus I Survey of Calculus In Cal					Total Hours	3 6
BIO 101 or Bio 103 General Biology (5) or Bio 103 Bio 103 General Biology for Majors (4) BIO SCI 11113, 1219 or Bio 103 General Biology and Lab or Bio SCI 1213, 1219 Principles of Biology and Lab or Principles of Biology and Lab or Principles of Biology for Majors (4) MTH 161 or Calculus I Warth 1212 or Survey of Calculus or Calculus I Warth 1212 or MATH 1212 or Survey of Calculus I Warth 1212 or MATH 1214 Calculus I CHM 111 General Chemistry II General Chemistry I		N T				
BIO 103 Biology for Majors I (4) MTH 161 or Calculus for Business and Social Sciences or Calculus I Total Hours MTH 180 Calculus I General Chemistry I Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Select additional courses to total up to the maximum transfer credit hours set on receive special permission from Missouri S&T residency requirements: The last 60 hours of any Missouri S&T residency requirements: The last 60 hours of any Missouri S&T to apply more than the maximum credit hours is guide before transferring to Missouri S&T. BIO 201 Servery of Calculus or MATH 1212 or Survey of Calculus or MATH 1214 Calculus I CHM 2112 Calculus I MATH 1212 or Survey of Calculus or MATH 1214 Calculus I CHEM 1310, 1319 General Chemistry II and Lab 5 CHEM 1320, 1510* CHEM 1320, 1510* CHEM 2210, 2219 Organic Chemistry II and Lab 4 CHEM 2210, 2219 Organic Chemistry II and Lab 4 CHEM 2220, 2229 Organic Chemistry II and Lab 4 CHEM 2220, 2229 Organic Chemistry II and Lab 4 PHYSICS 1145 or College Physics I MOTR 105. In 145 or College Physics I MOTR 105. In 145 or College Physics I MOTR 105. In 145 or College Physics II MOTR 105. In 145 or College Physics II MOTR 105. In 145 or College Physics II The combination of 3C PHY 111 and 112 is equivalent to the combination of 3St 4 PHYSICS 2135 or Engineering Physics II The combination of 3C PHY 111 and 112 is equivalent to the combination of 3St 4 PHYSICS 1145 or College Physics II or PHYSICS 2145 or College Physics II or PHYSICS 2145 or PHYSICS 2135 or Engineering Physics II Maximum credit hours to be transferred to Missouri S&T degree requirements. Select additional courses to total up to the maximum transfer credit hours shown below. Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T. Students are not required to complete all courses on this guide before transferring to Missouri S&T.	DIO 404 or	Canaral Biology (E) or			Caracal Diology and Lab as	
MTH 180 Calculus I CHM 111 General Chemistry I General Chemistry I General Chemistry I General Chemistry II Genera	BIO 103	Biology for Majors I (4)	4	BIO SCI 1213, 1219	Principles of Biology and Lab	4
CHM 112 General Chemistry II 5 CHEM 1320, 1510* General Chemistry II (3) and Lab (2) Note: Chem 1510 is not an SăT degree requirement. Will transfer as general 3 orcedit. CHM 200 Organic Chemistry II 5 CHEM 2210, 2219 Organic Chemistry II and Lab 4 CHM 201 Organic Chemistry II 5 CHEM 2220, 2229 Organic Chemistry II and Lab 4 CHM 201 Organic Chm 201 Organic Chemistry II and Lab 4 CHM 201 Organic Chemistry	MTH 180	Calculus I		MATH 1214	Calculus I	
CHM 112 General Chemistry II 5 CHEM 1320, 1510* Note: Chem 1510 is not an S&T degree reguirement. Will transfer as general 3 credit. CHM 200 Organic Chemistry I 5 CHEM 2210, 2219 Organic Chemistry I and Lab 4 CHM 201 Organic Chemistry II 5 CHEM 2220, 2229 Organic Chemistry II and Lab 4 PHY 111 or Elementary College Physics I MOTR 150L (5) or 4 PHY SICS 1145 or College Physics I MOTR 150L (5) or 9HY 223 General Physics I (4) or 9HY 312* or Elementary College Physics II* (4) or 9HY 224 General Physics II Total Hours 37 PHYSICS 2135 Engineering Physics II or PHYSICS 1145 and 2145. Both courses must be taken to receive full credit. Total Hours 37 Total Hours 32 Additional Degree Requirements Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics 4 BIO SCI 2223 General Genetics 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. 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.	CHM 111	General Chemistry I	5	CHEM 1310, 1319		5
CHM 201 Organic Chemistry II or Elementary College Physics I MOTR 150L (5) or PHY 111 or Elementary College Physics I MOTR 150L (5) or PHY 223 General Physics I (4) or PHY 112° or Elementary College Physics II* (4) or PHY 224 General Physics II Total Hours 37 Total Hours 37 Additional Degree Requirements Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics Maximum credit hours to be transferred to Missouri S&T degree requirements: The combination of JC PHY 111 and 112 is equivalent to the combination of S&T degree requirements. Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics 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 degree. Students are not required to complete all courses on this guide before transferring to Missouri S&T. Students are not required to complete all courses on this guide before transferring to Missouri S&T.	CHM 112	General Chemistry II	5	CHEM 1320, 1510*	*Note: Chem 1510 is not an S&T degree reguirement. Will transfer as general	3
PHY 111 or Elementary College Physics I MOTR 150L (5) or PHY 223 General Physics I (4) PHY 2124 General Physics II (4) or Elementary College Physics II* (4) or PHY 224 General Physics II Total Hours 37 Fotal Hours 37 Fotal Hours 4 BIO 201 Genetics General Physics II Select additional courses to total up to the maximum transfer credit hours shown below. Maximum credit hours to be transferred to Missouri S&T degree requirements. Maximum credit hours of any Missouri S&T degree must be completed at Missouri S&T. Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed all courses on this guide before transferring to Missouri S&T. Students are not required to complete all courses on this guide before transferring to Missouri S&T.		,			,	
PHY 223 General Physics I (4) or PHY 112* or Elementary College Physics II* (4) or PHY 224 General Physics II 4 PHYSICS 1135 Engineering Physics II* College Physics II* or PHYSICS 2145* or PHYSICS 2145* or PHYSICS 2135 Engineering Physics II or PHYSICS 2145* or PHYSICS 2135 Engineering Physics II or The combination of JC PHY111 and 112 is equivalent to the combination of S&t or PHYSICS 2135 Engineering Physics II The combination of JC PHY111 and 112 is equivalent to the combination of S&t or PHYSICS 2135 Engineering Physics II The combination of JC PHY111 and 112 is equivalent to the combination of S&t or PHYSICS 2135 Engineering Physics II The combination of JC PHY111 and 112 is equivalent to the combination of S&t or Total Hours 32 Additional Degree Requirements Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics J BIO SCI 2223 General Genetics 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. Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T. Students are not required to complete all courses on this guide before transferring to Missouri S&T.	CHM 201		5	•		4
PHY 112* or PHY 224 General Physics II Hysics 2135 PHYSICS 2145* or PHYSICS 2135 Physics II The combination of S&t PHY111 and 112 is equivalent to the combination of S&t PHYSICS 2145. Both courses must be taken to receive full credit. Total Hours 37 Additional Degree Requirements Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics 4 BIO SCI 2223 General Genetics 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. 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.			4			4
PHY 224 General Physics II 4 PHYSICS 2135 Engineering Physics II The combination of JC PHY111 and 112 is equivalent to the combination of S&t PHYSICS 1145 and 2145. Both courses must be taken to receive full credit. Total Hours 37 Additional Degree Requirements Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics 4 BIO SCI 2223 General Genetics 3 Maximum credit hours to be transfer red 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. Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T. Students are not required to complete all courses on this guide before transferring to Missouri S&T.						
Additional Degree Requirements Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics 4 BIO SCI 2223 General Genetics 3 Maximum credit hours to be transferred to Missouri S&T degree requirements. 64 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. Students are not required to complete all courses on this guide before transferring to Missouri S&T.	PHY 224	General Physics II	4	PHYSICS 2135	*The combination of JC PHY 111 and 112 is equivalent to the combination of S&t	. 4
Select additional courses to total up to the maximum transfer credit hours shown below. BIO 201 Genetics 4 BIO SCI 2223 General Genetics 3 Maximum credit hours to be transferred to Missouri S&T degree requirements. 64 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. Students are not required to complete all courses on this guide before transferring to Missouri S&T.		Total H	Hours 37		Total Hours	s 32
BIO 201 Genetics 4 BIO SCI 2223 General Genetics 3 Maximum credit hours to be transferred to Missouri S&T degree requirements. 64 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.		Add	itional Deg	ree Requirements		
Maximum credit hours to be transferred to Missouri S&T degree requirements. 64 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.		Select additional courses to	total up to the	maximum transfer credit h	nours shown below.	
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. required to complete all courses on this guide before transferring to Missouri S&T.	BIO 201	Genetics	4	BIO SCI 2223	General Genetics	3
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.		Maximum credit hours to be tr	aneforred to	o Missouri S&T dogr	oo roquiromonte	64
required to complete all courses on this guide before transferring to Missouri S&T.	Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T. must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.					
		required to complete al	II courses on this	s guide before transferring to Mis	issouri S&T.	0938.