

Jefferson College — Missouri S&T

Environmental Science BS
Transfer Guide Effective as of Fall 2024

<u>Jefferson College</u>		<u>Missouri S&T</u>
Communication Skills		
Take all courses.		
ENG 101	English Composition I	3
ENG 102	English Composition II	3
Total Hours		6
	ENGLISH 1120	Exposition and Argumentation
	ENGLISH 1160	Writing and Research
Total Hours		6
Mathematics and Science		
Take all courses.		
MTH 161 or MTH 180	Calculus for Business and Social Sciences (3) or Calculus I (5)	3
CHM 111	General Chemistry I	5
CHM 112	General Chemistry II	5
PHY 111 or PHY 223	Elementary College Physics I (5) MOTR PHYS 150L OR General Physics I (4)	4
PHY 105	Physical Geology	4
BIO 109	Ecology and Environmental Conservation	3
BIO 1201	Genetics	4
Total Hours		28
MATH 1212 or MATH 1214	Survey Calculus or Calculus I	4
CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 1320, 1510*	General Chemistry II (3) and Lab (2) <small>*CHEM 1510 is not an S&T degree requirement. Will transfer as general credit.</small>	3
PHYSICS 1145 or PHYSICS 1135	College Physics I MOTR PHYS 150L OR Engineering Physics I	4
GEOLOGY 1110	Physical and Environmental Geology	3
BIO SCI 1173	Intro to Environmental Sciences	3
BIO SCI 2223	General Genetics	3
Total Hours		25
Social Sciences and Humanities		
Take all courses.		
HST 202 or HST 103 or HST 104	Renaissance to Early Mod Europe MOTR WCIV 102 OR US History I to Reconstruction or US History II from Reconstruction	3
PSC 102	US and Missouri Govt. and Constitution	3
ECO 102	Microeconomics	3
PHL 202	Ethics	3
Total Hours		12
HISTORY 1200 or HISTORY 1300 or HISTORY 1310	Modern Western Civilization MOTR WCIV 102 OR American History to 1877 or American History Since 1877	3
POL SCI 1200	American Government	3
ECON 1100	Principles of Microeconomics	3
PHILOS 1130	How Should I Live? An Intro to Ethics	3
Total Hours		12
Additional Degree Requirements		
Select additional courses to total up to the maximum transfer credit hours shown below.		
Electives	Free Electives	5
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Maximum credit hours to be transferred to Missouri S&T degree requirements.		61
<p style="text-align: center; font-size: small;">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.</p>		
<p style="text-align: center;">This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2024. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.</p>		