State Fair Community College — Missouri S&T

Environmental Science BS with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2023

	State Fair Community College			Missouri S&T		
		unicatio	n Skills (Take all cou			
ENGL 101		3	ENGLISH 1120	<u> </u>		2
	English Composition I			Exposition and Argumentation		3
ENGL 102	English Composition II	3	ENGLISH 1160	Writing and Research		3
COM 101	Public Speaking	3	SPMS 1185	Principles of Speech		3
	Total Hours	9			Total Hours	9
	Soc	ial Scier	nces (Take all course	es)		
POLS 101	American/National Government	3	POL SCI 1200	American Government		3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology		3
HIST 108 or	World Civilization Before 1500 or		HISTORY 1100 or	Early Western Civilization or		
HIST 109 or	World Civilization After 1500 or	3	HISTORY 1200 or	Modern Western Civilization or		3
HIST 101 or	US History Before 1877 or	ŭ	HISTORY 1300 or	American History to 1877 or		Ŭ
HIST 102	US History Since 1877	•	HISTORY 1310	American History since 1877	T	•
	Total Hours	9	/ -		Total Hours	9
		umanitie	es (Take all courses)			
ART 101 or	Art Appreciation or	3	ART 1180 or	Art Appreciation or		3
MUS 101	Music Appreciation		MUSIC 1150	Music Appreciation		
PHIL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy		3
LIT 112 or	World Literature or		ENGLISH 1231 or	World Literature I or		
LIT 107 or	American Literature or	3	ENGLISH 1221 or	American Literature: 1600 to 1865 or		3
LIT 109	British Literature (or other literature elective)		ENGLISH 1211	British Literature I: The Beginnings to (or other literature elective)	1800	
	Total Hours	9		(or other merature elective)	Total Hours	9
	Mathema	tics and	Sciences (Take all c	ourses)		
MATH 114	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra (or higher math)		3
CHEM 123				· · · g - · · · · g - · · · · (- · · · · · · · · · · · · ·		
	General Chemistry Lwith Lab	5	CHEM 1310	General Chemistry I		4
	General Chemistry I with Lab Intro to Biology with Lab or	_		General Chemistry I		4
BIO 112 or BIO 125	General Chemistry I with Lab Intro to Biology with Lab or Biology I with Lab	5 5	CHEM 1310 BIOL 1113, 1219	General Chemistry I General Biology (3) and Lab (2)		
BIO 112 or	Intro to Biology with Lab or	5		•		4 5
BIO 112 or BIO 125	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab	5 5	BIOL 1113, 1219	General Biology (3) and Lab (2)		4
BIO 112 or BIO 125 PHYS 105 or	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours	5 5 18	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4)	Total Hours	4 5
BIO 112 or BIO 125 PHYS 105 or	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours	5 5 18	BIOL 1113, 1219 PHYSICS 1145 or	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4)	Total Hours	4 5 3
BIO 112 or BIO 125 PHYS 105 or	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours	5 5 18	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4)	Total Hours	4 5 3
BIO 112 or BIO 125 PHYS 105 or PHYS 118	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours	5 5 18 fication	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses)	Total Hours	4 5 3 15
BIO 112 or BIO 125 PHYS 105 or PHYS 118	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif	5 5 18 fication 3	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education	Total Hours	4 5 3 15
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology	5 5 18 fication 3	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102)	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology	Total Hours	4 5 3 15 2 3
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours	5 5 18 fication 3 3 3 3	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310 PSYCH 4310	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child	Total Hours Total Hours	4 5 3 15 2 3 3
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours	5 5 18 fication 3 3 3 3	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child		4 5 3 15 2 3 3 3
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours	5 18 fication 3 3 3 12 ajor/Add	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310 PSYCH 4310 itional Requirements	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child	Total Hours	4 5 3 15 2 3 3 3
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours Ma	5 18 fication 3 3 3 12 ajor/Add	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310 PSYCH 4310 itional Requirements	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child	Total Hours	4 5 3 15 2 3 3 3
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210 EDUC 228	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours Ma Select additional courses to total	5 5 18 fication 3 3 3 12 ajor/Add tal up to 3	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310 PSYCH 4310 itional Requirements the maximum transf	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child ser credit hours shown below.	Total Hours	4 5 3 15 2 3 3 3 11
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210 EDUC 228	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours Ma Select additional courses to tot World Regional Geography	5 5 18 fication 3 3 3 12 ajor/Add tal up to	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310 PSYCH 4310 itional Requirements the maximum transf	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child er credit hours shown below. World Regional Geography	Total Hours	4 5 3 15 2 3 3 3 11
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210 EDUC 228 GEOG 101 ECON 102 or ECON 101 BIO 126	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours MacSelect additional courses to tot World Regional Geography Principles of Microeconomics or Principles of Macroeconomics Biology II with Lab	5 5 18 fication 3 3 3 12 ajor/Add tal up to 3	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310 PSYCH 4310 itional Requirements the maximum transf HISTORY 2110 ECON 1100 or	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child er credit hours shown below. World Regional Geography Principles of Microeconomics or	Total Hours	4 5 3 15 2 3 3 3 11
BIO 112 or BIO 125 PHYS 105 or PHYS 118 EDUC 209 EDUC 220 PSY 210 EDUC 228 GEOG 101 ECON 102 or ECON 101	Intro to Biology with Lab or Biology I with Lab College Physics I with Lab or General Physics I with Lab Total Hours Teacher Certif Foundations of Education Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 Total Hours Ma Select additional courses to total World Regional Geography Principles of Microeconomics or Principles of Macroeconomics	5 5 18 fication 3 3 3 12 ajor/Add tal up to 3	BIOL 1113, 1219 PHYSICS 1145 or PHYSICS 1135 Requirements (Take EDUC 1040 PSYCH 2300 (EDUC 2102) PSYCH 3310 PSYCH 4310 itional Requirements the maximum transf HISTORY 2110 ECON 1100 or ECON 1200	General Biology (3) and Lab (2) College Physics I (3)or Engineering Physics I (4) all courses) Perspectives in Education Educational Psychology Developmental Psychology Psychology of the Exceptional Child er credit hours shown below. World Regional Geography Principles of Microeconomics or Principles of Macroeconomics	Total Hours	4 5 3 15 2 3 3 3 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.

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.

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This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2023. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.