State Fair Community College — Missouri S&T

Biological Sciences BA with Secondary Education Teacher Certification
Transfer Guide Effective as of Fall 2025

	State Fair Community College			<u>Missouri S&T</u>		
		Commun	ication Skills			
ENGL 101	English Composition I		all courses.	Expedition and Argumentation		2
ENGL 101 ENGL 102 or	English Composition I English Composition II or	3	ENGLISH 1120 ENGLISH 1160 or	Exposition and Argumentation Writing and Research or		3
ENGL 102 01	Technical Writing	3	ENGLISH 3560	Technical Writing		3
COM 101	Public Speaking	3	SPMS 1185	Principles of Speech		3
		al Hours 9		Total Ho		9
		Socia	Sciences			
			all courses.			
POLS 101	American/National Government	3	POL SCI 1200	American Government		3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology		3
		al Hours 6		Total Ho		6
		Hur	nanities			
	Select 9 hours to include at least one course			usic or theatre) philosophy literature		
		in each of the foll	ART 1180 or	Art Appreciation or		
ART 101 or	Art Appreciation or	0	MUSIC 1150 or	Music Appreciation or		•
MUS 101 or THEA 107	Music Appreciation or Intro to Theatre	3	THEATRE 1190	Theatre via Video		3
				or other fine art		
PHIL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	:	3
LIT 112 or LIT 107 or	World Literature or American Literature or	3	ENGLISH 1211 or ENGLISH 1221 or	World Literature I or American Literature Elective or		3
LIT 107 01 LIT 109	British Literature or other literature	3	ENGLISH 1231	British Literature Elective or other literature		3
2.1.100		al Hours 9	2.102.011.1201	Total Ho	urs	9
			s and Sciences			
MATH 112	Intermediate Algebra or higher math	3	MATH 1103	Fundamentals of Algebra or higher math		3
CHEM 123	General Chemistry I with Lab	5	CHEM 1310, 1319	General Chemistry I and Lab		5
CHEW 123	General Chemistry I with Lab	5	CHEW 1310, 1319	General Chemistry Fand Lab		5
CHEM 124	General Chemistry II with Lab	5	CHEM 1320, 1510*	General Chemistry II (3) and Qualitative Analysis (2) *CHEM 1510 is not an S&T degree reguirement. Will transfer as general cre	dit.	3
BIO 112 or BIO 125	Principles of Biology with Lab or General Biology (4) MOTR BIOL 150L	5	BIO SCI 1113, 1219 or BIO SCI 1213, 1219	General Biology and Lab or Principles of Biology and Lab MOTR BIOL 150L		4
	To	al Hours 18		Total Ho	urs ´	15
		Additional Dec	ree Requirements			
			e maximum transfer credit ho	ours shown below.		
	50,001 auamona. 00 a. 0.	o to total up to ill		College Physics I (4) or		
PHYS 105 or	College Physics I with Lab or	5	PHYSICS 1145 or	Astronomy (3)		3
EASC 120	Intro to Astronomy	ŭ	PHYSICS 1505	Satisfies a 3-hour science requirement. Any additional credits apply to degre	е	Ū
EASC 118	Environmental Geology	3	GEOLOGY 1110	totals as general elective credit. Physical and Environmental Geology		3
BIO 210	Principles of Genetics with Lab	4	BIO SCI 2223	General Genetics		3
CHEM 221	Organic Chemistry I with Lab	5	CHEM 2210	Organic Chemistry I		3
CHEM 222	Organic Chemistry II with Lab	5	CHEM 2220	Organic Chemistry II		3
HIST 108	World Civilization Before 1500	3	HISTORY 1100	Early Western Civilization		3
HIST 109	World Civilization After 1500	3	HISTORY 1200	Modern Western Civilization		3
MATH 119 or	Statistical Reasoning or			Statistics for Social Sciences I or		
	Statistical Reasoning or Business Statistics or	2	STAT 1115 or	Computational Problem Solving		2
MATH 127 or CIS 120 or	Business Statistics or Programming in Python or	3	STAT 1115 or CS 1500	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is		3
MATH 127 or CIS 120 or	Business Statistics or	3		Computational Problem Solving		3
MATH 127 or CIS 120 or	Business Statistics or Programming in Python or	3		Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any		3
MATH 127 or	Business Statistics or Programming in Python or Programming in C#		CS 1500	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any		3
MATH 127 or CIS 120 or	Business Statistics or Programming in Python or Programming in C#	eacher Certific	CS 1500	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any		3
	Business Statistics or Programming in Python or Programming in C#	eacher Certific Take a	CS 1500 ation Requirements	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit.		
MATH 127 or CIS 120 or CIS 155 or EDUC 209	Business Statistics or Programming in Python or Programming in C# To Foundations of Education	eacher Certific	CS 1500	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable, Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society		3 1
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience	eacher Certific Take a 3 3	ation Requirements all courses. EDUC 1074	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I		3 1
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology	eacher Certific Take a 3 3 3	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology		3 1 3
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience	eacher Certific Take a 3 3	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310	Computational Problem Solving Or other statistics or computer class. Statistics preferred: computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology		3 1
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology	eacher Certific Take a 3 3 3	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310 EDUC 2310 or	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable, Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or		3 1 3
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220 PSY 210	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12	eacher Certific Take 3 3 3 3 3 3	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Statisfies a 5-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or Psychology of the Exceptional Child		3 1 3 3
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220 PSY 210	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12	eacher Certific Take : 3 3 3 3	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310 EDUC 2310 or	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable, Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or		3 1 3 3
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220 PSY 210 EDUC 228	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12	eacher Certific Take a 3 3 3 3 3 3 3 4 1 1 1 1 1 1 1 1 1 1 1 1	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310 EDUC 2310 or PSYCH 4310	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable, Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or Psychology of the Exceptional Child Total Ho		3 1 3 3
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220 PSY 210 EDUC 228	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 To irements for Teacher Education Program: Please vi	Take a 3 3 3 3 3 3 alal Hours 15 ew all program received.	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310 EDUC 2310 or PSYCH 4310	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or Psychology of the Exceptional Child Total Holeducation.mst.edu/secondaryeducation/.	urs 1	3 1 3 3 3
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220 PSY 210 EDUC 228	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 To	Take a 3 3 3 3 3 3 alal Hours 15 ew all program received.	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310 EDUC 2310 or PSYCH 4310	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or Psychology of the Exceptional Child Total Holeducation.mst.edu/secondaryeducation/.	urs 1	3 1 3 3
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220 PSY 210 EDUC 228 Professional Requi	Business Statistics or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 To Irements for Teacher Education Program: Please vi Maximum credit hours to be Experience to the program of	Take a 3 3 3 3 3 all Hours 15 ew all program rece e transferred to	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310 EDUC 2310 or PSYCH 4310 quirements at https://teacher. o Missouri S&T degree	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable. Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or Psychology of the Exceptional Child Total Hole education.mst.edu/secondaryeducation/.	urs 1	3 1 3 3 3 13 688 udents
MATH 127 or CIS 120 or CIS 155 or EDUC 209 EDUC 205 EDUC 220 PSY 210 EDUC 228 Professional Requi	Business Statistics or Programming in Python or Programming in Python or Programming in C# To Foundations of Education Teaching Profession with Field Experience Educational Psychology Lifespan Development Education of Exceptional Learners Pre K-12 To irements for Teacher Education Program: Please vi Maximum credit hours to b cy requirements: The last 60 hours of any Missouri S&T deg permission from Missouri S&T to apply more than the maximum	Take a 3 3 3 3 3 all Hours 15 ew all program rece e transferred to the must be complete and credit hours listed	ation Requirements all courses. EDUC 1074 EDUC 1104 EDUC 2102 or PSYCH 2300 PSYCH 3310 EDUC 2310 or PSYCH 4310 quirements at https://teacher. o Missouri S&T degree	Computational Problem Solving Or other statistics or computer class. Statistics preferred; computer class is acceptable, Satisfies a 3-hour computer science/statistics requirement. Any additional credit hours apply to degree totals as general elective credit. Education in a Diverse Society Teacher Field Experience I Educational Psychology Developmental Psychology Education of the Exceptional Child or Psychology of the Exceptional Child Total Hourself Computer Security Comput	urs 1	3 1 3 3 3 13 688 udents

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2025. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.