

Degree Program	Major	Courses Required
Agriculture AA	Agriculture and Environmental Education	MATH 121
	Animal Science	MATH 124
	General Agriculture	MATH 124
	Horticulture	MATH 124
	Resources Management— Environmental and Natural Resources Economics	MATH 124 and STAT 211
	Pre-Veterinary Medicine	MATH 126 or 129, 128 (if needed)
Agriculture AAS	Agriculture Technology	MATH 121
	Equine Production and Management	MATH 121
	Sustainable Ag Entrepreneurship	MATH 121
Arts and Sciences AA	Biology, BA	MATH 150 and STAT 211
	Biology, BS	MATH 155 and STAT 211
	Chemistry, BA	MATH 155, 156
	Chemistry, BS	MATH 155, 156, 251
	Communication Studies	STAT 111 or STAT 211
	Criminology	MATH 121 and STAT 201 or MATH 124 and STAT 211
	English	MATH 121 or higher
	Environmental Geoscience	MATH 128 or higher
	General Studies	MATH 121 or higher
	Geology	MATH 126, 128, 155, 156 and STAT 211
	History	MATH 121 or higher
	Mathematics	MATH 155, 156, 251, 261
	Physics	MATH 155, 156, 251, 261
	Political Science	MATH 121 or higher
	Psychology	MATH 124 and STAT 201 or 211
	Sociology	MATH 121 and STAT 201 or MATH 124 and STAT 211
	Pre-Dentistry (Major in Biology)	MATH 155, STAT 211
	Pre-Forensic & Investigative Science	MATH 155, MATH 156, STAT 215
	Pre-Law (various majors)	Depends on major
	Pre-Medical Lab Science	MATH 126 or higher, STAT 211
	Pre-Medicine (Major in Biology)	MATH 155, STAT 211 or MATH 155, 156
	Pre-Nursing	MATH 124 and STAT 211
	Pre-Occupational Therapy	MATH 126, MATH 128, STAT 211
	Pre-Pharmacy	MATH 150 (or higher) and STAT 211
	Pre-Physical Therapy	MATH 126, 128, STAT 211
	Pre-Social Work	MATH 121
Business and Economics AA	Business Administration	MATH 124, 150, STAT 211 or MATH 155 and STAT 211
	Economics	MATH 124, 150, STAT 211 or MATH 126, 128, 155 and STAT 211

Business Management Technology AAS	Business Management Technology	MATH 124
Computer Information Systems AAS	Information Technology	MATH 124
Criminal Justice Studies AA	Criminal Justice Studies	MATH 121 or MATH 124
Criminal Justice Studies AAS	Criminal Justice Studies	MATH 121 or higher
Education AA	Birth through Pre-K Early Childhood	MATH 121
	Elementary Education	MATH 124
	Secondary Education	
	English emphasis	MATH 121 or higher
	Math emphasis	MATH 155, 156, 251, and 261
	Science emphasis	MATH 126 and 128, or MATH 129, or MATH 150
	Social Studies emphasis	MATH 121 or higher
	Physical Education—Athletic Coaching	MATH 121 or higher
	Physical Education—Teacher Emphasis	MATH 121 or higher
	Physical Education—Sport Management	MATH 121 or higher
Engineering AA	Aerospace Engineering	MATH 155, 156, 251, 261
	Biometric Systems	MATH 155, 156, 251, 261
	Civil Engineering	MATH 155, 156, 251, 261
	Computer Engineering	MATH 155, 156, 251, 261
	Electrical Engineering	MATH 155, 156, 251, 261
	Industrial Engineering	MATH 155, 156, 251, 261
	Mechanical Engineering	MATH 155, 156, 251, 261
Forestry AA	Recreation and Parks Management	MATH 124 and STAT 211
	Resources Management	MATH 124 and MATH 150, STAT 211
	Wildlife Resources	MATH 124 and STAT 211
	Wood Industries	MATH 124, 150, STAT 211
Journalism AA	Journalism	MATH 121 or higher
	Strategic Communications	MATH 121 or higher
Technical Studies AAS	General	MATH 121 or higher
Bachelor of Applied Science BAS	Emphasis in Business Management	STAT 111
	Emphasis in Criminal Justice	STAT 111
	Emphasis in CIS	STAT 111
	Emphasis in SAGE	MATH 121 or higher
Nursing BSN	Nursing	MATH 124 and STAT 211
Regents BA	Regents Bachelor of Arts	MATH 121 or higher