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## DIVISION OF AGRICULTURE

Requirements for Students for Academic Year 2020-2021

ASSOCIATES of SCIENCE

**Major: Agriculture**

GENERAL EDUCATION REQUIREMENTS 37 HOURS (Minimum) (Check Catalog listings for prerequisites)*		
Area	Hours	To be selected from:
English Composition	6	ENGL 1113 Comp I ENGL 1213* Comp II
American History	3	HIST 1483 US History to 1865 <i>or</i> HIST 1493 US History since 1865
US Government	3	POLS 1113 Amer. Federal Government
Mathematics	3	Any college level mathematics
Natural Sciences (N) Must include one Laboratory Science (L)	6-9	Science (one must be a lab science) BIOL 1113 Intro to Environmental Science BIOL 1114 General Biology BIOL 1314 Anatomy and Physiology I BIOL 1324 Anatomy and Physiology II BIOL 1404 General Botany BIOL 1604* General Zoology BIOL 2104* Human Anatomy BIOL 2114* Human Physiology BIOL 2124* General Microbiology BIOL 1313 Human Ecology CHEM 1315* General Chemistry I CHEM 1515 General Chemistry II CHEM 2013 Organic Chemistry GEOL 1114 General Geology GPS 1103 General Physical Science PHYS 1114 General Physics I* PHYS 1214 General Physics II* PHYS 2014 Engineering Physics I* PHYS 2114 Engineering Physics II* HORT 1013 Introduction to Horticulture AGRO 2124 Fundamentals of Soil Science NREM 1014 Intro to Natural History AGRO 1113 Land, Life & the Environment ( <i>BIOL 1114 &amp; CHEM 1315 Recommended</i> )
Humanities	6	Any course designated (H) (See course descriptions for designations.) HUMN 1113 Art Appreciation HUMN 1123 Music Appreciation HUMN 2113 Ancient World-Mid Ages HUMN 2223 Renaissance – Present HUMN 2413 World Literature* HUMN 2300 Special Topics HORT 2653 Introduction to Floral Design AGRI 2423 Analysis of American Agriculture HIST 1323 Modern Civilizations HIST 1223 Early Civilizations
Social & behavioral Sciences (S)	3	Any Course designated (S) (See course descriptions for designations.) <i>AGEC 1113 recommended.</i>
Computer Literacy	3	COMS 1133 Fund. Of Computer Usage AGRI 2113 Microcomputers in Agriculture
Additional General Education	4-7	Courses designated A, H, N, or S preferred; may include program courses
AGRICULTURE PROGRAM REQUIREMENTS 26 HOURS		
College Orientation	1-2	AGRI1111 Agriculture Orientation AGRI 2041 Career Dev. In Agriculture

<b>EMPHASIS AREA</b>	15-25	Course suggestions only; may take any combination of Academic Agriculture courses.
Agriculture Economics/Agribusiness Emphasis		BUSN 2543; BUSN 2643; BUSN 2113; AGRO 1213 OR HORT 1013 OR NREM 1113; AGRO 1113 OR AGRO 2124; ANSI 1124 OR FDSC 1133; NREM 1014 OR NREM 2013; AGEQ 2313
Agriculture Communication Emphasis		AGCM 2113; AGLE 2303; AGRO 1213; ANSI 1124; BUSN 2543; ANSI 2253 OR FDSC 2253; AGRO 1113 OR NREM 2013; FDSC 2233
Agriculture Education Emphasis		AGRO 1213; AGRO 2124; ANSI 1124; HORT 1013; NREM 2013; ANSI 2253 OR FDSC 2253 OR FDSC 1133; ANSI 2123
Agriculture & Biosystems Engineering Emphasis		AGRO 2124; BIOL 2124; PHYS 1114; PHYS 1214
Agriculture Leadership Emphasis		AGLE 1511; AGLE 2303; AGLE 2403; ANSI 1124; NREM 2013; ANSI 2253 OR FDSC 2253; OR FDSC 1133; AGRO 1213 OR HORT 1013
Animal Science Emphasis		AGRO 1213; ANSI 1124; ANSI 2112; ANSI 2253; ANSI 2233; BUSN 2543; ANSI 2123
ANSI: Ranch Operations Emphasis (Terminal)		AGRO 2124; CHEM 1515; AGRM 1002; AGRM 2012; AGRM 2103; ANSI 2233
Equine Science Emphasis (Terminal)		AGEQ 1225; AGEQ 1235; AGEQ 2225; AGEQ 2235; AGEQ 1113; AGEQ 1123; AGEQ 2123; AGEQ 2133; AGEQ 1401
Food Science Emphasis		FDSC 1133; FDSC 2253; CHEM 1515; BIOL 2124; FDSC 2233
Horticulture Emphasis		HORT 1013; AGRO 2124; HORT 2513; HORT 2613; BIOL 1404; AGRI 2313
Natural Resources & Wildlife Ecology & Management Emphasis		AGRO 2124; NREM 1012; BIOL 1604; BIOL 1404; NREM 2013; NREM 1014; NREM 2134
NREM Criminal Justice Emphasis		CJPS 1303; CJPS 2013; CJPS 2023; CJPS 2033; CJPS 2043
Plant and Soil Science Emphasis		AGRO 1213; AGRO 2013; AGRO 2124; BIOL 1404; CHEM 1515; AGRO 1113
Pre-Veterinary Emphasis		BIOL 1604; BIOL 2124 CHEM 1515; PHYS 1114; PHYS 1214.
<b>Guided Electives</b>	0-10	Any course(s) not already taken above (AGCM, AGEQ, AGED, AGEQ, AGRI, AGRM, AGRO, ANSI, FDSC, HORT, or NREM preferred).Maximum 3 hours allowed for Special Topics (ST) courses towards a degree.
Consult an Agriculture Advisor for appropriate course selections.		Courses from Liberal Arts, or Communications. Physical Educations activity courses do not count toward graduation.
Courses used in Agriculture Program Requirements cannot be used for General Education Requirements and vice versa (i.e. courses may only be counted once)		*Course has prerequisite. See Course Description section of catalog.
<b>Total Hours: 61</b>		