

## Undergraduate Curriculum in Agricultural Systems Technology

### Agricultural and Biosystems Management Option

2019-2020 Catalog – Total Credits 120

#### First Year (31 cr.)

Semester 1 (16 cr.)			Semester 2 (15 cr.)		
1	TSM 110	Introduction to Technology (F)	1	TSM 111	Experiencing Technology (FS)
3	TSM 116	Introduction to Design (FS)	3	TSM 115	Solving Technology Problems (FS)
3	ENGL 150	Crit. Think. and Comm.(FSSS)	3	MATH 151	Calculus for Business and Social Sciences (FSSS)
1	LIB 160	Library Instruction (FSSS)	5	PHYS 111	General Physics and Lab (FSSS)
3	MATH 145	Applied Trigonometry (FS)	3	ECON 101	Principles of Microeconomics (FSSS)
4	CHEM 163	College Chemistry (FS)			
1	CHEM 163L	Lab in College Chemistry (FS)			

#### Second Year (29 cr.)

Semester 3 (14 cr.)			Semester 4 (15 cr.)		
1	TSM 201	Preparing for Workplace Seminar (FS)	2	TSM 322	Preservation of Grain Quality (S)
3	TSM 210	Fundamentals of Technology (FS)	1	TSM 322L	Preservation of Grain Quality Lab (S)
1	TSM 214	Managing Technology Projects (FS)	3	STAT 104	Introduction to Statistics (FSSS)
3	TSM 270	Principles of Injury Prevention (FS)	3	ECON 230	Farm Business Management (FS)
3	ENGL 250	Writ/Oral/Vis/Elec Composition (FSSS)	3	BIOL 101; 211; 212; or 251	Life Science Biology Requirement (FSSS)
3	ACCT 284	Financial Accounting (FSSS)	3		Speech Communication- See list (FSSS)

#### Third Year (31 cr.)

Semester 5 (16 cr.)			Semester 6 (15 cr.)		
3	TSM 325	Biorenewable Systems (F)	3	TSM 310	Total Quality Improvement (FS)
3	TSM 327	Animal Production Systems (F)	3	TSM 324	Soil and Water Conservation Mgmt (S)
3	ENGL	English - See list (FSSS)	3		Elective (FSSS)
4	TSM 363	Electric Power and Electronics (FS)	3		Life Science - See list (FSSS)
3		US Diversity - See list (FSSS)	3	TSM 370	Occupational Safety (FS)

<b>Summer - R</b>	<b>TSM 397</b>	<b>Internship In Technology (FSSS)</b>
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#### Fourth Year (29 cr.)

Semester 7 (15 cr.)			Semester 8 (14 cr.)		
3	TSM 433	Precision Farming Systems (F)	3	TSM 416	Technology Capstone (FS)
2	TSM 399	Work Experience in Technology (FSSS)	3	TSM 330	Ag Machinery and Power Mgmt (S) (FSSS)
2	TSM 415	Applied Project Management (FS)	3		Humanities - See list (FSSS)
3	TSM 455	Feed Processing and Technology (F)	3		International Perspective - See list
5		Elective (FSSS)	2		Elective (FSSS)

“See list” – Refer to your Degree Audit (available in Access+) for options for each list.

**NOTE:** This is an example four-year plan. Your actual semester schedules may vary.