Undergraduate Curriculum in Agricultural Systems Technology
Agricultural and Biosystems Management Option
2021-2022 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	BIOL 101 or 211	Life Science Biology Requirement (FSSS)
3	ACCT 284	Financial Accounting (FSSS)	3	ECON 230	Farm Business Management (FS)
3	ENGL 250	Writ/Oral/Vis/Elec Composition (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)
4	TSM 363	Electric Power and Electronics (FS)	3	TSM 370	Occupational Safety (FS)
3		English - See list (FSSS)	3		Life Science - See list (FSSS)
3		US Diversity - See list (FSSS)	3		Elective (FSSS)

Summer - R	TSM 397	Internship In Technology (FSSS)

Fourth Year (28 cr.)

	Semester 7 (16 cr.)			Semester 8 (12 cr.)	
2	TSM 399	Work Experience in Technology (FSSS)	3	TSM 330	Ag Machinery and Power Mgmt (S)
2	TSM 415	Applied Project Management (FS)	3	TSM 416	Technology Capstone (FS)
3	TSM 433	Precision Agriculture (F)	3		International Perspective - See list
3	TSM 455	Feed Processing and Technology (F)	3		Elective (FSSS)
3		Humanities			
3		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.