

TEXAS A&M UNIVERSITY-KINGSVILLE
COLLEGE OF AGRICULTURE & NATURAL RESOURCES
Bachelor of Science in Agriculture
Agriculture Science and Technology with Teaching Certification

Name: _____ Catalog: 2025-2026
K Number: _____ Telephone: _____

Courses	Grade	Hrs.	Sem.
GENERAL EDUCATION REQUIREMENTS			
ENGL 1301	_____	3	_____
ENGL 1302	_____	3	_____
MATH 1314	_____	3	_____
BIOL 1106	_____	1	_____
BIOL 1306	_____	3	_____
CHEM 1311/1111 or 1405	_____	4	_____
Lang / Phil / Cul	_____	3	_____
Creative Arts	_____	3	_____
HIST 1301	_____	3	_____
HIST 1302	_____	3	_____
POLS 2301	_____	3	_____
POLS 2302	_____	3	_____
Social/Behavioral	_____	3	_____
Communications	_____	3	_____
ENGL 2314	_____	3	_____
Total:		44	
Advanced:		0	

ADDITIONAL REQUIREMENTS

UNIV 1201	_____	2	_____
PLSS 1407	_____	4	_____
PLSS 3410	_____	4	_____
ANSC 1419	_____	4	_____
ANSC Advanced Elective	_____	3	_____
ANSC Advanced Elective	_____	3	_____
Total:		20	
Advanced:		10	

Courses	Grade	Hrs.	Sem.
MAJOR: AGRICULTURE SCIENCE			
AGSC 1451 - Intro to Agric Systems	_____	4	_____
AGSC 1352 - Welding	_____	3	_____
AGSC 3363 - Prog Plan in Ag Sci & Tech	_____	3	_____
AGSC 3367 - Intro to Sci and Tech	_____	3	_____
AGSC 4353 - Agric Building Requirements	_____	3	_____
AGSC 3352 - Agric Power and Machinery	_____	3	_____
AGSC 4362 - Designing Instruc in Ag Ed	_____	3	_____
AGSC 4361 - Meth Matls Tech Clrm Mgt (WI)	_____	3	_____
AGSC 4666 - Student Teach in Ag Sci and Tech	_____	6	_____
AGRI 4171 - Seminar	_____	1	_____
AGRI 4350 - Collective Leadership in AHRHS	_____	3	_____
AGBU 2301 or AGBU 2317	_____	3	_____
AGBU Advanced Elective	_____	3	_____
AGBU or ENVS or PLSS Advanced Elective	_____	3	_____
Total:		44	
Advanced:		22	

TEACHING CERTIFICATION

EDED 3313 - Child Development	_____	3	_____
EDED 3332 - Curr Mats Dev. & Plan	_____	3	_____
EDED 3304 - Intro to the Teaching Prof	_____	3	_____
EDSE 4349 - Foundations Special Educ (WI)	_____	3	_____
Total:		12	
Advanced:		12	

Advisor Date

All students must complete a writing intensive course with a C or better.
In addition to this plan, the student is responsible for fulfilling all
catalog requirements.

Chair Date

Dean Date

Creative Arts Options

AEEN 1302 - Architectural History II	3
ARTS 1303 - Art History I	3
ARTS 1304 - Art History II	3
MUSI 1305 - Exploration in Music History	3
MUSI 2306 - Intro to Music Hist and Lit	3
MUSI 2308 - History of Jazz	3
MUSI 2309 - History of Borderland Music	3
MUSI 2310 - History of Rock and Roll	3
THEA 2310 - Introduction to Theatre	3

Language/Philosophy/Culture Options

ANTH 2302 - Intro to Anthropology	3
ENGL 2342 - Intro to Literature	3
ENGL 2362 - Read in Short Story and Dram	3
HIST 2321 - World History to 1500	3
HIST 2322 - World History since 1500	3
MUSI 2320 - Music of Many Cultures	3
PHIL 1301 - Intro to Philosophy	3
SPAN 1313 - Elementary Spanish I	3
SPAN 1314 - Elementary Spanish II	3
SPAN 1373 - Spanish for Heritage Speakers	3
SPAN 2301 - Intermediate Spanish I	3
SPAN 2302 - Intermediate Spanish II	3
SPAN 2311 - Intermediate Spanish I	3
SPAN 2312 - Intermediate Spanish II	3
WGST 1301 - Intro to Gender Studies	3

Social/Behavioral Options

ANTH 2301 - Intro to Archeology	3
ECON 2301 - Principles of Macroeconomics	3
ECON 2302 - Principles of Microeconomics	3
EDKN 2335 - Sport in Global Society	3
EVEN 2372 - Envir Eng in a Global Society	3
POLS 2304 - Intro to Political Science	3
POLS 2340 - World Politics	3
PSYC 2301 - Intro to Psychology	3
SOCI 1301 - Principles of Sociology	3
SOCI 1306 - Social Problems	3
SOCI 2361 - Pluralistic Society	3

Communications Option

COMM 1307 - Intro to the Mass Media	3
COMS 1311 - Intro to Oral Communiaction	3
COMS 1315 - Bus and Professional Comm	3

Approved Advanced AG Elective Options

ANSC 3302 - Swine Management	3
ANSC 3304 - Beef Management	3
ANSC 3305 - Mkt. Class & Grade Livestock	3
ANSC 3306 - Equine Management	3
ANSC 3308 - Sheep & Goat Management	3
ANSC 3309 - Meat Preparation & Eval	3
ANSC 3310 - Processed Meats	3
ANSC 3333 - Domestic Animal Behavior	3
ANSC 3390 - Special Topics in Animal Science	3
ANSC 4301 - Growth Physiol of Livestock Sp	3
ANSC 4303 - Anatomy & Physiology of Dom. Animals	3
ANSC 4317 - Intensive Cattle Management	3
ANSC 4395 - Problems in ANSC	3
AGBU 3320 - Intro Systems Thinking Ag	3
AGBU 3350 - Marketing of Farm Products	3
AGBU 3370 - Agr. Sales and Consulting	3
AGBU 3371 - Farm Management	3
AGBU 4325 - Rangeland Resource Econ	3
AGBU 4350 - Agricultural Finance	3
PLSS 3318 - General Entomology	3
PLSS 3325 - Field Crop Production	3
PLSS 3334 - Weed Mgmt in Crops	3
PLSS 3344 - Vegetable Crop Production	3
PLSS 3381 - Crop Physiology	3
PLSS 4312 - Integrated Pest Mgmt.	3
PLSS 4326 - Hort Fruit Crop Production	3
PLSS 4328 - Intro Plant Pathology	3
PLSS 4329 - Soil Heath & Productivity	3
PLSS 4390 - Studies in Plant & Soil Sci	3
PLSS 4395 - Problems in PLSS	3
ENVS 3310 - Landuse Decisions	3
ENVS 3315 - Environmental Health	3
ENVS 4310 - Ecology Natural Environs	3
ENVS 4320 - Aquatic & Marine Ecosystems	3
ENVS 4395 - Research Environmental Sci	3

COMS 2374 - Professional Comm	3
ENGL 2374 - Professional Comm	3