



BS-RWFM – Rangeland Management Track
 College of Agriculture & Life Sciences
 Ann Pool, Sr. Academic Advisor |
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2021-2022 Transfer Course Sheet
 Minimum GPA | 2.5
 Minimum Transferable Hours | 24
 Second-Choice Major Eligible | NO

Required Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
Mathematics for Business & Social Sciences	3	MATH 1324	MATH 140
Business Math II	3	MATH 1325	MATH 142
Zoology or Introductory Biology I*	4	BIOL 1413 or 1406 or 1407	BIOL 107 or 111 or 112
Chemistry I	4	CHEM 1411	CHEM 119

- ***Must make a grade of C or better in BIOL 111, BIOL 112**
- Transfer applicants are encouraged to complete [University Core Curriculum](#) coursework found in the [Undergraduate Catalog](#)
- Students may have to complete College Algebra (MATH 1314) at their institution before taking MATH 1324 or 1325.
- College Algebra is a transferable course but **will not** satisfy the Mathematics requirements in this degree plan.

Recommended Coursework for Admission

Course Name	Hrs.	TCCNS	TAMU
Horticultural Science and Practices	3	AGRI 1315, AGRI 1415*, HORT 1301, HORT 1401*	HORT 201
Horticultural Science and Practices Laboratory	1	HORT 1101, AGRI 1115, HORT 1401*, AGRI 1415*	HORT 202

The recommendations below represent what a typical TAMU student's schedule looks like during the first four semesters. If working to complete an Associate's Degree before transferring, please align your degree plan to satisfy TAMU degree requirements. You may not have to complete the coursework in the sequence below but this major requires or recommends specific coursework to be completed.

First Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
ENGL 1302	ENGL 104	Composition and Rhetoric	3
	ESSM 201	Exploring Ecosystem Science	1
MATH 1324	MATH 140	Mathematics for Business & Social Sciences	3
	RENH 205	Fundamentals of Ecology	3
	RENH 215	Fundamentals of Ecology Lab	1
		Directed Elective	3
Total			14

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
AGRI 1315, 1415, HORT 1301, 1401	HORT 201	Horticultural Science and Practices	3
HORT 1101, AGRI 1115, HORT 1401, AGRI 1415	HORT 202	Horticultural Science and Practices Laboratory	1
MATH 1325	MATH 142	Business Calculus	3
HIST 1301	HIST 105	History of United States	3
ENGL 2311 or SPCH 1315	ENGL 210 or COMM 203	Technical and Business Writing or Public Speaking	3
Total			13

Second Year

FALL SEMESTER

TCCNS	TAMU	Course Name	Hrs.
	ESSM 314	Principles of Rangeland Management Around the World	3
GOVT 2305	POLS 206	National Government	3
HIST 1302	HIST 106	History of United States	3

SPRING SEMESTER

TCCNS	TAMU	Course Name	Hrs.
CHEM 1411 (1311/1111)	CHEM 119	Chemistry I	4
AGRI 2317	AGEC 105	Introduction to Agricultural Economics	3
GOVT 2306	POLS 207	State Government	3



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BIOL 1413 or 1406 or 1407	BIOL 107 or 111 or 112	Zoology or Introductory Biology I or Introductory Biology II	4
	RWFM 202	Concepts in Applied Plant Biology	3
Total			16

ESSM 301	Wildland Watershed Management	3
Total		13

- Consider taking courses that fulfill the 3 hours of [International and Cultural Diversity requirement](#) and 3 hours of [Cultural Discourse course requirement](#) when completing the Social and Behavioral Sciences, free electives and Creative Arts requirements.
- Must make a grade of C or better in [BIOL 111](#), [BIOL 112](#), and all ECCB major core coursework ([ESSM 201](#), [ESSM 304](#), [ESSM 311](#), [ESSM 485](#), [REN 205](#), [WFSC 302](#), [WFSC 304](#), [WFSC 403](#), and [WFSC 433](#).)

Coursework Timeline

- Competitive applicants will have the required coursework completed by the application deadline.
- Applicants to the summer/fall term **may be** asked to submit spring final grades, this is not a guarantee.
- Summer coursework **will not** be considered for summer/fall applicants.
- Fall coursework **will not** be considered for spring applicants.
- Applicants to the spring term should have the required coursework completed by the end of Summer II semester before applying.

Additional Information

- Applicants are encouraged to contact an academic advisor if they have any questions.
- For information regarding Transfer Course Equivalency, please refer to the following website: <https://compassx-sb.tamu.edu/HCA/ssb/transferCourseEquivalency/#/>
- Must make a grade of C or better in [BIOL 111](#), [BIOL 112](#), and all ECCB major core coursework ([ESSM 201](#), [ESSM 304](#), [ESSM 311](#), [ESSM 485](#), [REN 205](#), [WFSC 302](#), [WFSC 304](#), [WFSC 403](#), and [WFSC 433](#).)

Career & Educational Opportunities

The Rangeland Management track combines the disciplines of ecology and range management to enhance the production, conservation, function, and stewardship of rangelands. The breadth and diversity of rangelands requires that knowledge and technology be drawn from numerous disciplines in a systems approach; therefore, students majoring in the Rangeland Management track are prepared to integrate knowledge and technology to manage rangelands for sustainable utilization. Emphasis is placed on the effective management for the goods and services provided by these rangeland ecosystems. The enrichment of the undergraduate program develops a student educational experience and provides relevant science and management knowledge combined with experiential learning under real world situations that lead to skills and the fostering of life-long innovation and creativity in the management of rangelands. The Rangeland Management track prepares students for a broad array of employment opportunities upon completion of the program including, but not limited to, land management agencies, non-governmental organizations, environmental and natural resources consulting, industry, and ranch/range management within the private sector. For more information please visit careercenter.tamu.edu.

Transfer Course Sheet Notes

1. Admission preference is given to applicants with the highest GPA and the most appropriate courses completed.
2. Transfer applicants are encouraged to complete [University Core Curriculum](#) coursework found in the [Undergraduate Catalog](#) unless specified above.
3. This Transfer Course Sheet was supported in a partnership between The Office of Admissions and the College of Agriculture & Life Sciences at Texas A&M University with the Undergraduate Catalog having the most extant and definitive information.