

B.S. Animal Science

Pre-Professional Roadmap

(Catalog 2025-current)

Have questions?...Contact us!
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Animal Sciences and Agricultural Education Dept.
 Location: Ag Sciences Building, room 232
 PH: .559.278.2971
 Department Chair: Dr. Amanda McKeith

Year 1

GE- 1A ENGL 5A or ENGL 10	GE- 1A English 5B—take a course from year 2 if completed ENGL 10
GE- 2 MATH 11 (Required)	GE- 1C COMM 3, 7, or 8
GE- 1B Critical Thinking	GE- 5A CHEM 3A or Chem 1A (Required)
GE- 3A Arts	GE- 4A HIST 11 or 12
ASCI 1 Intro Animal Sci. (C grade or Higher)	LD ASCI Production

Year 2

GE- 4B AGBS 1 or ECON 40 (recommended)	AUGR (select one) -Multicul./International - Arts/Humanities -Lifelong/Self Understanding
GE- 3B Humanities	GE- 6 Ethnic Studies
GE- 5B BIOL 1A OR BIOL 12 (Required)	Optional Additional Requirements
ASCI 71	ASCI 35 Pre-Reqs: 30 units Earned
LD ASCI Production	PLSI 2

Year 3

Optional Additional Requirements	Advance Production Courses
CHEM 8 or CHEM 128A Pre-Reqs: Chem 3A or Chem 1B (C or better)	Chem 129A Pre-reqs: Chem 8 or 128A with a C grade or higher
AUGR (select one) -Multicul./International - Arts/Humanities -Lifelong/Self Understanding	BIOL 20 Pre-Reqs: Chem 3A or Chem 1A
ASCI 125	ASCI 135 Pre-Reqs: ASCI 35
ASCI 145 Pre-Reqs: BIOL 12 or BIOL 1A	ASCI 155

Year 4

GE- UD 4 ANTH 116W Pre-reqs: GE 1, 4, & PLSI 2	GE- UD 3 Arts & Humanities Pre-reqs: GE 1 & 3
CHEM 150 Pre-reqs: Chem 8 or Chem 128A	ASCI 101
ASCI 165 Pre-Reqs: BIOL 20	Professional Development Course
ASCI 186	ASCI 156 Pre-Reqs: ASCI 155
Advance Production Management	GE- UD 2/ UD 5 Physical Universe & Its Life Forms Pre-reqs: GE 1, 2, & 5

Lower Division (LD) ASCI Production Courses (6 Units):

- Spring: ASCI 41
- Fall and Spring: ASCI 12, 21, 31, 51, 91

Advance (Avd.) Production Management Courses (6 Units):

- Fall: ASCI 161, 171
- Spring: ASCI 131, 151, 172, 191
- Fall and Spring: 121, 175

Optional Additional Courses (6 units):

- AGBS 28 or BA 18, AGBS 31 or ACCT 4A, AGBS 117, 120, AGRI 100H, 101H, 110, 120, 130, 140, Plant 20, 121, 122, 71 or 172 or 171

Professional Development Courses (3 units):

- ASCI 102, 180, 182 (2 units), 183, 190, or 194I

Additional University Graduation Requirements (AUGR):

- 2 classes (6 units) required
 - Lifelong/Self Understanding : **ASCI 67** recommended

Notes:

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Important Notes:

- **Meet with a JCAST Academic Counselor every semester.**
- **ENGL 5A & 5B** are a two-semester sequence. If you've taken **ENGL 10** in your first semester, you do not need to take ENGL 5B.
- **ASCI 1-** taken as soon as possible-- it's a prerequisite for most ASCI courses.
- **ANTH 116W** is recommended—it double counts for **GE Area UD-D** and the **Upper-Division Writing Requirement** (must pass with a grade of **C or better**).
- **Upper-division ASCI courses** are for **juniors** and **seniors** only.
- **ASCI 186** should be taken during your last year or final semester.
- Advance Production courses have Pre-requisites.
 - EX: ASCI 21 required for ASCI 121; ASCI 31 required for ASCI 131
- A **2.0 GPA** is required in your campus, major, and cumulative GPA to graduate.

**** This roadmap is for guidance only. The sequence of classes may vary depending on course availability and what you're able to enroll in each semester.****

Year 1

- Create a My Degree Plan with a JCAST Counselor
- Complete all Foundation GE courses
 - English
 - Math
 - Critical Thinking
 - Communication
- Complete **ASCI 1** with a **C or better**
- Freshman Only: Complete Second Semester Advising Hold workshop in the Spring semester

Year 2

- Start developing professional resume
- attend career fairs and seek internship/industry experiences opportunities

Year 3

- Transfer Students: complete your My Degree Plan
- Attend career fairs and seek internships/industry experiences opportunities
- Complete Mandatory Advising Hold
- Fulfill upper division writing Requirement by the end of year three

Year 4

- Verify all graduation requirements - ensure all are met by the end of spring semester
- Lat semester: Apply for graduation
 - complete graduation application
 - sign up for spring commencement