

B.S. Animal Science

Pre-Veterinary Roadmap

(Catalog 2025-current)

Have questions?...Contact us!
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 Department Chair: Dr. Amanda McKeith

Year 1		Year 2		Year 3		Year 4	
GE- 1A ENGL 5A or ENGL 10	GE- 1A English 5B—take a course from year 2 if completed ENGL 10	GE- 3B Humanities	GE- 6 Ethnic Studies	PLSI 2	ASCI 71	GE- UD 4 ANTH 116W Pre-reqs: GE 1, 4, & PLSI 2	GE- UD 3 Arts & Humanities Pre-reqs: GE 1 & 3
GE- 2 MATH 11 or 11L (Recommended)	GE- 1C COMM 3, 7, or 8	ASCI 35 Pre-Req: 30 units Earned	GE- 4B AGBS 1 or ECON 40 (Recommended)	ASCI 125	ASCI 145 Pre-Req: BIOL 12 or BIOL 1A	ASCI 135 Pre-Req: ASCI 35	GE- UD 2/ UD 5 Physical Universe & Its Life Forms Pre-reqs: GE 1, 2, & 5
GE- 1B Critical Thinking	GE- 4A HIST 11 or 12	GE- 5B BIOL 1A (Required) C grade or higher	BIOL 1B Pre-Req: Biol 1A	LD ASCI Production	ASCI 155	ASCI 165 Pre-Req: BIOL 20	ASCI 101
ASCI 68 Pre-Vett Orientation (Required) C grade or higher	GE- 5A CHEM 1A (Required) C grade or higher	CHEM 1B	BIOL 20 Pre-Req: Chem 3A or Chem 1A	CHEM 128A Pre-reqs: Chem 1B with a C grade or higher	CHEM 128B Pre-reqs: Chem 128A with a C grade or higher	CHEM 150 Pre-reqs: Chem 8 or Chem 128A	ASCI 156 Pre-Req: ASCI 155
ASCI 1 Intro Animal Sci. (Required) C grade or higher	LD ASCI Production	GE - 3A Arts	AUGR (select one) -Multicul./International - Arts/Humanities -Lifelong/Self Understanding	PHYS 2A Pre-reqs: DS 71 or Math 6	Chem 129A Pre-reqs: Chem 8 or Chem 128A with a C grade or higher	ASCI 186	ELECTIVE

**Lower Division (LD) ASCI
Production Courses
(6 units)**

- Spring: ASCI 41, 61
- Spring and Fall: ASCI 12, 21, 31, 51, 91

**Additional University Graduation
Requirements (AUGR):**

- 1 class (3 units) required
 - Lifelong/Self Understanding :
ASCI 67 Required

Important: To be Eligible for Pre-Vet Preparation, you must complete the following courses or their equivalents with a **C or better in each of the course**, CR/NC grades are not accepted.

ASCI 1 - Intro Animal Science
 ASCI 68 - Pre-Vet Orientation
 BIOL 1A - Intro Biology with Lab
 CHEM 1A - General Chemistry with Lab

Must have a **3.2 Cumulative GPA**

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.
- To enroll in **PHYS 2A**, you must complete one of the following courses first: Math 6, DS 71 (recommended), or Math 75
- Recommend **PHYS 2B** - may be required for veterinary school.
- 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**
- Complete Second Semester Advising workshop in the Spring semester

Year 2

- Start developing professional resume
- attend career fairs and seek internship/industry experiences
- Pre-Vet Admission Students ONLY:
 - See a JCAST Academic Counselor to Transition to Pre-Vet Preparation

Year 3

- Transfer Students: complete your My Degree Plan
- Attend career fairs and seek internships/industry experiences
- 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