

B.S. Animal Science Dairy Science Roadmap

(Catalog 2025-current)

Have questions?...Contact us!
 JCAST Advising and Career Development Center Location: Ag Sciences Building, room 110
 PH:559.278.4019
 Email: jordanadvising@mail.fresnostate.edu

Animal Sciences and Agricultural Education Dept.
 Location: Ag Sciences Building, room 232
 PH: .559.278.2971
 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	ASCI 71	ASCI 35 Pre-Reqs: 30 units Earned	BIOL 20 Pre-Reqs: Chem 3A or Chem 1A	GE- UD 3 Arts & Humanities Pre-reqs: GE 1 & 3	GE- UD 4 ANTH 116W (recommended) Pre-reqs: GE 1, 4, & PLSI 2	ASCI 165 Pre-Reqs: BIOL 20
GE- 2 MATH 11 (Recommended)	GE- 5B BIOL 10 OR BIOL 12 (Required)	GE- 5A CHEM 3A (Required)	GE- 3B Humanities	ASCI 155	ASCI 101	Optional Additional Requirements	GE- UD 2/ UD 5 Physical Universe & Its Life Forms Pre-reqs: GE 1, 2, & 5
GE- 1C COMM 3, 7, or 8	GE- 4A HIST 11 or 12	GE- 4B AGBS 1 or ECON 40 (Required)	Optional Additional Requirements	ASCI 161 Typically offered in Fall Only Pre-reqs: ASCI 61	ASCI 125	ASCI 145 Pre-Reqs: BIOL 12 or BIOL 1A	Professional Development Course
ASCI 1 Intro Animal Sci. (C grade or Higher)	GE- 3A Arts	Optional Additional Requirements	GE- 6 Ethnic Studies	ASCI 146 Typically offered Odd Fall Semester Only Pre-Reqs: ASCI 61 & Chem 3A	ASCI 175	ASCI 186	ASCI 163 Typically offered Even Spring Semester Only Pre-Reqs: ASCI 135
GE- 1B Critical thinking	ASCI 61 Spring Only	LD ASCI Production	PLSI 2	ASCI 135 Pre-Reqs: ASCI 35	ASCI 164 Typically offered in Spring Only	ASCI 156 Pre-Reqs: ASCI 155	

Lower Division (LD) ASCI Production Courses (3 Units):

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

Optional Additional Courses (9 units):

- AGBS 28 or BA 18, AGBS 31 or ACCT 4A, AGBS 71 or Plant 99, 117, 120, AGRI 100H, 101H, 110, 120, 130, 140, CHEM 8, 150, Plant 20, 121, 122, 71 or 172 or 171

Professional Development Courses (3 units):

- ASCI 102, 180, 181, 182 (2 units), 183, 190, or 194I

Additional University Graduation Requirements (AUGR): Major is exempt.

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.
- 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
- Juniors: 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