



## ANIMAL SCIENCE

### Science Option - Veterinary Preparation, B.S. (120 Units)

Valid for Catalog Years: 2018/2019 to 2020/2021

\*Official planning guide approved by the Jordan College of Agricultural Sciences & Technology

For assistance or to schedule an advising appointment, please contact the **Department of Animal Sciences & Agricultural Education** at 559-278-2971, Agricultural Sciences 232  
**Jordan College Advising & Career Development Center:**  
 559-278-4019, Agricultural Sciences 110

	Freshman		Sophomore		Junior		Senior	
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
Units	16-17	16-17	15	18-19	27-36		13-14	16-18
<b>Milestones</b>	Complete My Degree Plan	Complete Asci 1 with a grade of C or better  Complete 2nd semester freshman advising requirement  Complete foundation GE courses (A1, A2, A3 and B4)	Start developing professional resume  Attend career fairs and seek internship / industry experience opportunities	Attend career fairs and seek internship / industry experience opportunities  Transition from Pre-Vet to Veterinary Preparation Option	Complete My Degree Plan (transfer students only)  Attend career fairs and seek internship / industry experience opportunities  Fulfill Upper Division Writing Requirement	Complete GE ePortfolio and mandatory advising requirement  Attend career fairs and seek internship / industry experience opportunities	Verify all graduation requirements will be met by end of spring semester	Apply for graduation
<b>General Education</b>	<b>A2 (3 Units)</b> Written Communication *Must pass with a C or better	<b>A1 (3 Units)</b> Oral Communication *Must pass with a C or better	<b>B3</b> <b>CHEM 1AL (2 Units) Lab</b> [Pre-Req: CHEM 1A (may be taken concurrently)]	<b>C2 (3-4 Units)</b> Humanities	<b>C1/C2 (3-4 Units)</b> Arts or Humanities	<b>IC (3-4 Units)</b> Arts & Humanities	<b>ID (3-4 Units)</b> Social, Political, & Economic Institutions	<b>IB (3 Units)</b> Physical Universe & Its Life Forms *PLANT 105 recommended
	<b>A3 (3 Units)</b> Critical Thinking *Must pass with a C or better; NSCI 4 recommended	<b>C1 (3-4 Units)</b> Arts		<b>D2 (3 Units)</b> American Government				
	<b>B4 (3-4 Units)</b> Quantitative Reasoning *Must pass with a C or better; DS 71 or MATH 75 recommended	<b>D1 (3 Units)</b> American History		<b>D3 (3 Units)</b> Social Science *AGBS 1 recommended				

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	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring
	16-17	16-17	15	18-19	27-36		13-14	16-18
Major	<b>GE Area E ASCI 67 (3 Units)</b> Lifelong Understanding & Self Development	<b>GE Area B2 BIOL 1A (4 Units)</b> Life Sciences	<b>GE Area B1 CHEM 1A (3 Units)</b> Physical Sciences [Pre-Req: High school chemistry. May be taken concurrently: GE B4; CHEM 1AL] *Not open to students with credit in CHEM 1B	<b>BIOL 20 (4 Units)</b> [Pre-Req: CHEM 1A or 3A] *Not open to students with credit in BIOL 120 <b>OR</b> <b>BIOL 120 (4 Units)</b> [Pre-Req: BIOL 1A & 1B; CHEM 8 or 128A; or BIOL 11 & CHEM 150]	<b>ASCI 71 (3 Units)</b> [Pre-Req: ASCI 1 (may be taken concurrently)]	<b>ASCI 101 (3 Units)</b> [Pre-Req: ASCI 1]	<b>ASCI 135 (3 Units)</b> [Pre-Req: ASCI 35]	<b>PHYS 2A (4 Units)</b> [Pre-Req: DS 71, MATH 75, MATH 70, or department permission]
	<b>ASCI 1 (3 Units)</b>	<b>ASCI 21, 31, 41, 51,61 or 91 (3 Units)</b> *See course catalog for prerequisite requirements	<b>ASCI 21, 31, 41, 51,61 or 91 (3 Units)</b> *See course catalog for prerequisite requirements	<b>CHEM 1B (3 Units)</b> [Pre-Req: CHEM 1A & 1AL (both passed with a C or better); CHEM 1BL (may be taken concurrently)]	<b>ASCI 125 (3 Units)</b> [Pre-Req: ASCI 1]	<b>ASCI 145 (4 Units)</b> [Pre-Req: BIOL 10 or 12]	<b>ASCI 165 (3 Units)</b> [Pre-Req: BIOL 20 or 120]	
	<b>ASCI 68 (1 Unit)</b>		<b>BIOL 1B (3 Units)</b> [Pre-Req: CBIOL 1A; first-time enrollees must take BIOL 1BL concurrently]	<b>CHEM 1BL (2 Units)</b> [Pre-Req: C CHEM 1B (may be taken concurrently)]	<b>ASCI 155 (3 Units)</b>	<b>CHEM 129A (2 Units)</b> [Pre-Req: CHEM 8 or 128A (passed with a C or better; may be taken concurrently)]	<b>ASCI 186 (1 Unit)</b> [Pre-Req: Senior standing or instructor permission; 12 upper division units in the major]	



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<b>Major</b>			<b>BIOL 1BL (1 Unit)</b> [Pre-Req: CFirst-time enrollees must take BIOL 1B concurrently]		<b>CHEM 8 (3 Units)</b> [Pre-Req: CHEM 1B or 3A] <b>OR</b> <b>CHEM 128A &amp; 128B (6 Units)</b> *See course catalog for prerequisite requirements		<b>CHEM 150 (3 Units)</b> [Pre-Req: CHEM 3B, 8, or CHEM 128A & 128B]	
			<b>ASCI 35 (3 Units)</b> [Pre-Req: ASCI 1 (may be taken concurrently)]					
<b>Additional Graduation Requirements</b>						<b>UDWS (0-4 Units)</b> *Upper Division Writing Exam OR "W" Course (must pass with a C or better)		<b>MI (3 Units)</b> Multicultural/International
								<b>Elective</b>
								<b>Elective</b>

**FOOTNOTES:**

**Prerequisites/Corequisites:** Other restrictions may apply. Please see your course catalog for detailed prerequisite/corequisite requirements.

**Grade Requirements:** CR/NC grading is not permitted for courses included in the major unless the courses have been designated CR/NC grading only.

**Electives (5-8 units):** Students must earn a minimum of 120 units total to graduate. The number of required elective units may vary, depending on the amount of units earned from major and GE courses.

**Upper Division Writing Skills requirement (UDWS):** All undergraduate students must demonstrate competency in writing skills by passing the Upper Division Writing Exam (UDWE) or by obtaining a C or better in an approved upper division writing course, identified by the letter "W."

**Substitutions:** If substitutions/exceptions/waivers are made for any major courses that also meet GE and/or the Multicultural/International graduation requirement, the student is responsible for completing additional courses to satisfy the respective areas (GE and/or MI). This also includes the upperdivision writing requirement.

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	<b>A3 (3 Units)</b> Critical Thinking *Must pass with a C or better; NSCI 4 recommended	<b>C1 (3-4 Units)</b> Arts		<b>D2 (3 Units)</b> American Government				<b>MI (3 Units)</b> Multicultural/International
	<b>B4 (3-4 Units)</b> Quantitative Reasoning *Must pass with a C or better; DS 71 or MATH 75	<b>D1 (3 Units)</b> American History		<b>D3 (3 Units)</b> Social Science *AGBS 1 recommended				
Major	<b>GE Area E</b> <b>ASCI 67 (3 Units)</b> Lifelong Understanding & Self Development	<b>GE Area B2</b> <b>BIOL 1A (4 Units)</b> Life Sciences	<b>GE Area B1</b> <b>CHEM 1A (3 Units)</b> Physical Sciences [Pre-Req: High school chemistry. May be taken concurrently: GE B4; CHEM 1AL] *Not open to students with credit in CHEM 1B	<b>BIOL 20 (4 Units)</b> [Pre-Req: CHEM 1A or 3A] *Not open to students with credit in BIOL 120 <b>OR</b> <b>BIOL 120 (4 Units)</b> [Pre-Req: BIOL 1A & 1B; CHEM 8 or 128A; or BIOL 11 & CHEM 150]	<b>ASCI 71 (3 Units)</b> [Pre-Req: ASCI 1 (may be taken concurrently)]	<b>ASCI 101 (3 Units)</b> [Pre-Req: ASCI 1]	<b>ASCI 135 (3 Units)</b> [Pre-Req: ASCI 35]	<b>PHYS 2A (4 Units)</b> [Pre-Req: DS 71, MATH 75, MATH 70, or department permission]

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