

Animal Health Science, B.S.: 120 units 2019-2020 Academic Year

	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
Year 1	AHS 1104 Orientation and Careers in Animal Health Science	Prereq: AHS major.	2	AHS 1129 Handling, Restraint and Nursing Care of Domestic Animals	Coreq: AHS 1129L.	3	
	CHM 1210 General Chemistry I (B1)	Prereq: C or better in MAT 12, 105, 106, 112, 114, 115, 116, 120, 125, 130, 191, 214, 216, 224, MAT 1050, MAT 1052, MAT 1060, MAT 1140, MAT 1150, MAT 1200, MAT 1250, MAT 1300, MAT 1310, MAT 1910, MAT 2140, MAT 2240, MAT 2250, STA 120, or STA 1200; or C- or better Coreq: CHM 1210L.	3	AHS 1129L Handling, Restraint and Nursing Care of Domestic Animals Laboratory	Coreq: AHS 1129.	2	
	CHM 1210L General Chemistry Laboratory I (B3)	Prereq: C or better in MAT 12, 105, 106, 112, 114, 115, 116, 120, 125, 130, 191, 214, 216, 224, MAT 1050, MAT 1052, MAT 1060, MAT 1140, MAT 1150, MAT 1200, MAT 1250, MAT 1300, MAT 1310, MAT 1910, MAT 2140, MAT 2240, MAT 2250, STA 120, or STA 1200; or C- or better Coreq: CHM 1210.	1	STA 1200 Statistics with Applications (B4) (Success Marker)	Prereq: SAT, ELM, ALEKS, ACT, IRW, GE Area B4; C or better in MAT 106, MAT 1060, MAT 125, MAT 1250, MAT 191, MAT 1910, MAT 105, MAT 1050, or STA 1300; or C- or better in MAT 1051.	3	
	MAT 1050 College Algebra (Success Marker)	Prereq: CO Category I, CO Category II, CO Category III, SAT \geq 570, MDTP \geq 14, MAT 1060, MAT 106, MAT 1250, MAT 125, MAT 1910, MAT 191, STA 1200, STA 120, ALEKS \geq 46, ACT \geq 23, MAT 12, or ESM 12.	3	BIO 1150 Basic Biology (B2)	Coreq: BIO 1150L.	3	
	GE Area A2: Written Communication (Success Marker)		3	BIO 1150L Basic Biology Laboratory (B3)	Coreq: BIO 1150.	1	
	GE Area A1: Oral Communication		3	CHM 1220 General Chemistry II (B1)	Prereq: C- or better in CHM 1210, CHM 122 or CHM 122B; and C- or better in CHM 1210L, CHM 122L or CHM122LB. Coreq: CHM 1220L.	3	
			0	CHM 1220L General Chemistry Laboratory II (B3)	Prereq: C- or better in CHM 1210, CHM 122 or CHM 122B; and C- or better in CHM 1210L, CHM 122L or CHM122LB. Coreq: CHM 1220.	1	
	Total Units		15	Total Units		16	

Year 2	Fall		Units	Spring		Units	Comments
	Courses	Requirements/Comments		Courses	Requirements/Comments		
	AHS 2202 Clinical Anatomy and Physiology	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L; CHM 121 or CHM 1210, and CHM 121L or CHM 1210L. Coreq: AHS 2202L, AHS 2208, AHS 2208L, and AHS 2210.	3	AHS 3235 Laboratory Procedures and Clinical Pathology	Coreq: AHS 3235L.	3	
AHS 2202L Clinical Anatomy and Physiology Laboratory	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L; CHM 121 or CHM 1210 and CHM 121L or CHM 1210L. Coreq: AHS 2202, AHS 2208, AHS 2208L, and AHS 2210.	1	AHS 3235L Laboratory Procedures and Clinical Pathology Laboratory	Coreq: AHS 3235.	1		
AHS 2210 Veterinary Office Procedures, Terminology and Law	Prereq: AHS 104 or AHS 1104. Coreq: AHS 2202, AHS 2202L, AHS 2208, and AHS 2208L.	3	AHS 3305 Parasitology and Animal Diseases	Prereq: BIO 115, BIO 1150, BIO 121, or BIO 1210; and BIO 115L, BIO 1150L, BIO 121L, or BIO 1210L. Coreq: AHS 3305L.	3		
AHS 2208 Diagnostic Imaging	Prereq: AHS 202 or AHS 2202 and AHS 202L or AHS 2202L. Coreq: AHS 2208L.	1	AHS 3305L Parasitology and Animal Diseases Laboratory	Prereq: BIO 115, BIO 1150, BIO 121, or BIO 1210; and BIO 115L, BIO 1150L, BIO 121L, or BIO 1210L. Coreq: AHS 3305.	1		
AHS 2208L Diagnostic Imaging Laboratory	Prereq: AHS 202 or AHS 2202 and AHS 202L or AHS 2202L. Coreq: AHS 2208.	2	BIO 2060 Basic Microbiology	Prereq: BIO 123/BIO 123L, BIO 1220/BIO 1220L, BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A, or BIO 1150/BIO 1150L. Coreq: BIO 2060L.	3		
GE Area A3: Critical Thinking		3	BIO 2060L Basic Microbiology Laboratory	Prereq: BIO 123/BIO 123L, BIO 1220/BIO 1220L, BIO 122/BIO 122L/BIO 1220C, BIO 115/BIO 115L/BIO 115A, or BIO 1150/BIO 1150L. Coreq: BIO 2060.	1		
GE Area D1: U.S. History American Ideals		3	AG 1010 Agriculture & The Modern World (D3)		3		
		0			0		
Semester Total Units			16	Semester Total Units		15	

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Year 3	AHS 3263 Companion Animal Nursing and Surgical Skills	Coreq: AHS 3263L.	2	AHS 4407 Critical Care, Advanced Surgical Assisting and Anesthesiology	Prereq: AHS 202 or AHS 2202; AHS 202L or AHS 2202L; AHS 208 or AHS 2208; AHS 263 or AHS 3263; AHS 263L or AHS 3263L; AHS 305 or AHS 3305; AHS 305L or AHS 3305L; AHS 307 or AHS 3307 and AHS 307L or AHS 3307L. Coreq: AHS 4407L.	2	<i>Graduation Writing Test must be taken before completion of 75 units.</i>
	AHS 3263L Surgical Nursing Skills Laboratory	Prereq: AHS 3235/AHS 3235L, AHS 2202/AHS 2202L, and AHS 2208/AHS 2208L. Coreq: AHS 3263.	1	AHS 4407L Critical Care, Advanced Surgical Assisting and Anesthesiology Laboratory	Prereq: AHS 202 or AHS 2202; AHS 202L or AHS 2202L; AHS 208 or AHS 2208; AHS 208L or AHS 2208L; AHS 263 or AHS 3263; AHS 263L or AHS 3263L; AHS 305 or AHS 3305; AHS 305L or AHS 3305L; AHS 307 or AHS 3307 and AHS 307L or AHS 3307L. Coreq: AHS 4407.	2	
	AHS 3307 Clinical Pharmacology	Prereq: AHS 2202, AHS 2202L, AHS 2208, AHS 2208L, AHS 3235, and AHS 3235L. Coreq: AHS 3307L.	3	AHS 4408L Surgical Recovery, Nursing and Critical Care Laboratory	Coreq: AHS 4407 and AHS 4407L.	2	
	AHS 3307L Clinical Pharmacology Laboratory	Prereq: AHS 2202, AHS 2202L, AHS 2208, AHS 2208L, AHS 3235, and AHS 3235L. Coreq: AHS 3307.	1	GE Area C2: Literature, Modern Languages, Philosophy and Civilization		3	
	AHS 2410 Clinical Internship I	Prereq: AHS 129 or AHS 1129 and AHS 129L or AHS 1129L.	1	GE Area D2: U.S. Constitution and California Government		3	
	AVS 2211 Drugs and Society (E)		3	GE Area C1 or GE Area C2	Prereq: Select either C1: Visual and Performing Arts or C2: Literature, Modern Languages, Philosophy and Civilization course	3	
	GE Area C1: Visual and Performing Arts		3			0	
	<i>Take the Graduation Writing Test</i>						
Semester Total Units			14	Semester Total Units		15	

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Year 4	AHS 2220 Clinical Nutrition	Prereq: BIO 115 or BIO 1150; BIO 115L or BIO 1150L; CHM 121 or CHM 1210 and CHM 121L or CHM 1210L. Coreq: AHS 2220L.	2	AHS 3369 Lab Animal Management	Prereq: AHS 104 or AHS 1104; AHS 129 or AHS 1129; AHS 129L or AHS 1129L; and junior or senior standing. Coreq: AHS 3369L.	2		
	AHS 2220L Clinical Nutrition Laboratory	Prereq: BIO 115L or BIO 1150L and CHM 121L or CHM 1210L. Coreq: AHS 2220.	1	AHS 3369L Laboratory Animal Management Laboratory	Prereq: AHS 104 or AHS 1104; AHS 129 or AHS 1129; AHS 129L or AHS 1129L; and junior or senior standing. Coreq: AHS 3369.	1		
	AHS 4450 Veterinary Economics and Hospital Management	Prereq: Junior Standing.	1	AHS 4420 Advanced Clinical Internship II	Prereq: AHS 442 or AHS 4410.	1		
	AHS 4410 Clinical Internship II	Prereq: AHS 245 or AHS 2410.	1	GE Area B5: Science and Technology Synthesis		3		
	AG 4010 Ethical Issues in Food, Agricultural and Apparel Industries (D4, C3)	Prereq: Junior or Senior Standing; and completion of GE Area A2.	3	Unrestricted Elective		1		
	Emphasis Required Core	Select from Curriculum Sheet	3	GE Area D4: Social Science Synthesis	or GE Area C3: Art and Humanities Synthesis	3		
	Emphasis Required Core	Select from Curriculum Sheet	3	Emphasis Required Core	Select from Curriculum Sheet	3		
	AVS 4610 Senior Seminar	Prereq: Senior Standing.	1			0		
	<i>File an application to graduate</i>							
	Semester Total Units			15	Semester Total Units		14	
Total Units						120		