Pre-Veterinary with any major

Freshman Year

FallCreditsBIOL 150General Biology I Laboratory48 150Land General Biology I Laboratory4K1121General Chemistry I Laboratory4MATH 103College Algebra3Major/Essential Studies/Group 1** courses4Credits15Spring8BIOL 151General Biology II Laboratory4K1511and General Biology II Laboratory4K1511and General Biology II Laboratory4K122Land General Chemistry II Laboratory4K122Land Organic Chemistry I4K341Land Organic Chemistry I4K341Land Organic Chemistry I4K342LOrganic Chemistry II Laboratory4BIOL 315Genetics3Major/Essential Studies/Group 1 or 2** courses9Credits16Spring16Junior Year16Fail17PHYS 211College Physics I4BIOL 442Physiology of Organs and Systems Laboratory4Major/Essential Studies/Group 1, 2, or 3** courses7Credits155Spring1212PHYS 212College Physics II4BIAD 301Biochemistry		Total Credits	120-121
BIOL 150 General Biology I & 150L and General Chemistry I & 121L and General Chemistry I MATH 103 College Algebra 3 Major/Essential Studies/Group 1** courses 4 Credits 15 Spring BIOL 151 General Biology II & 151L and General Biology II Laboratory 4 & 122L and General Chemistry II Laboratory 7 Major/Essential Studies/Group 1** courses 7 Credits 15 Sophomore Year Fail CHEM 341 Organic Chemistry II Laboratory 8 Major/Essential Studies/Group 1 or 2** courses 9 Major/Essential Studies/Group 1 or 2** courses 9 Credits 16 Spring 1 CHEM 342 Organic Chemistry II Laboratory 4 & 342L and Organic Chemistry II Laboratory 1 BIOL 315 Genetics 3 Major/Essential Studies/Group 1 or 2** courses 9 Credits 16 Spring 2 CHEM 342 Organic Chemistry II Laboratory 8 BIOL 341 Cell Biology 3 Major/Essential Studies/Group 1 or 2** courses 9 Credits 16 Junior Year Fail 9 PHYS 211 College Physics I 4 BIOL 442 Physiology of Organs and Systems 4 & 442L and Physiology of Organs and Systems 5 Laboratory 3 Major/Essential Studies/Group 1, 2, or 3** courses 7 Credits 15 Spring 1 PHYS 212 College Physics II 4 BIMD 301 Biochemistry 3 Major/Essential Studies/Group 1, 2, or 3** courses 5-6 Credits 12-13 Senior Year Fail 1 Major/Essential Studies/Group 2 or 3** courses 15 Credits 15 Spring 1 BIMD 302 General Microbiology Lecture 4 & 302L and		•	
BIOL 150 General Biology I & 150L and General Chemistry I & 121L and General Chemistry I Laboratory MATH 103 College Algebra 3 Major/Essential Studies/Group 1** courses Credits Spring BIOL 151 General Biology II & 151L and General Chemistry II & 151L and General Biology II Laboratory CHEM 122 General Chemistry II Laboratory CHEM 122 General Chemistry II Laboratory CHEM 122 General Chemistry II Laboratory Credits 15 Sophomore Year Fall CHEM 341 Organic Chemistry I Laboratory Credits 3 Major/Essential Studies/Group 1 ** courses Major/Essential Studies/Group 1 or 2** courses Major/Essential Studies/Group 1 or 2** courses Spring CHEM 342 Organic Chemistry II Laboratory BIOL 315 Genetics Major/Essential Studies/Group 1 or 2** courses Credits 16 Spring CHEM 342 Organic Chemistry II Laboratory BIOL 341 Cell Biology Major/Essential Studies/Group 1 or 2** courses 9 Credits 16 Junior Year Fall PHYS 211 College Physics I BIOL 442 Physiology of Organs and Systems 4 442L and Physiology of Organs and Systems 5 Spring PHYS 212 College Physics II Aligor/Essential Studies/Group 1, 2, or 3** courses 7 Credits 12-13 Senior Year Fall Major/Essential Studies/Group 2 or 3** courses 5-6 Credits 12-13 Senior Year Fall Major/Essential Studies/Group 2 or 3** courses 5 Spring BIMD 302 General Microbiology Lecture 4			12
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BIOL 150 General Biology I 4			1
Fall Credits			4
Freshman Year			Credits

*The combination of the Pre-Veterinary Medicine Program with a major in the College of Arts and Sciences can usually be finished in 4 years if both major and Pre-Vet classes are started the first year (the Communication Sciences and Disorders major is an exception). The combination of the Pre-Medicine

program with a major outside of the College of Arts and Sciences, such as most majors within the John D. Odegard School of Aerospace Sciences, the College of Engineering and Mines, the Nistler College of Business and Public Administration, the College of Nursing and Professional Disciplines, the College of Education and Human Development, and the School of Medicine and Health Sciences, may take longer. Students should meet with their Health Sciences advisor and major advisor regularly to ensure all requirements are met by the time of graduation

**Courses for Groups 1, 2, and 3:

Group 1 courses are required: COMM 110, ENGL 110, ENGL 130, MATH 146, a Statistics course

Group 2 courses are good electives: COMM 212, COMM 380, MED 205, PHE 101, PHE 102, PHE 103, PHIL 120, PHIL 245, PHIL 251, PSYC 111, ECON 201, MGMT 300

Group 3 courses are upper level science electives:

Fall courses: BIMD 328, BIOL 332/L, BIOL 364/L, BIOL 378/L, BIOL 390, BIOL 420

Spring courses: BIOL 312/L, BIOL 333, BIOL 338, BIOL 341/L, BIOL 369/L, BIOL 376/L, BIOL 380, BIOL 415, BIOL 426

***Can substitute BIOL 442/L with BIMD 220/L: Anatomy & Physiology I *if* BIMD 221/L: A&P II is also taken. Note that BIMD 220/221 is human anatomy & physiology; BIOL 442 is preferred.

Students may opt to take a lighter credit load (12-13) the semester of the GRE exam (typically spring semester junior year).