



Term 1	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
17-117 OR 17-120	Precalculus OR Calculus	Precalc: Minimum ACT Math 22 or high school GPS of 3.5 Calculus I: Precalculus OR Precalculus Algebra AND Trigonometry OR ACT Math score of 27 or high school GPA 3.9	4-5	
04-106/107	Principles of Biology & Lab		4	
77-101	University Seminar		1	
10-111	Composition I		3	
24-114/115	General Chemistry I & Lab		4	Enrolling in General Chemistry 112/113 should be considered prior to General Chemistry I if a rigorous high school Chemistry background is absent. Similar considerations without proficiency in high school Algebra II.
<b>Total Hours</b>			<b>16-17</b>	
Term 2	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
10-112	Composition II	Composition I	3	
24-116/117	General Chemistry II & Lab	General Chemistry I & Lab	5	
04-140	General Microbiology	Principles of Biology & Lab OR General Biology & Lab OR General Chemistry I & Lab	4	
17-120	Calculus I	Precalculus OR Precalculus Algebra AND Trigonometry	4	Students with 27 ACT math score are eligible to begin with Calculus I. Most pharmacy schools require Calculus I. Refer to pharmacy program of interests.
<b>Total Hours</b>			<b>16</b>	
Term 3	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-342/343	Organic Chemistry I & Lab	General Chemistry II & Lab	4	
04-350	Genetics	Principles of Biology & Lab	4	
29-102	Fundamentals of Oral Communication		3	
17-121	Calculus II	Calculus I	5	
<b>Total Hours</b>			<b>16</b>	

**1** = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

**2** = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

**3** = a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

**4** = a milestone courses taken in final year to complete degree requirements.



Term 4	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-344/345	Organic Chemistry II & Lab	Organic Chemistry I & Lab	4	
	American Experience		3	
04-310	Cell Biology	Principles of Biology & Lab AND General Chemistry I & Lab AND General Chemistry II & Lab	4	Recommended to have Organic Chemistry I & Lab
10-220	Intro to Literature		3	
<b>Total Hours</b>			<b>14</b>	
Term 5	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
08-103	General Psychology		3	
24-110/111 OR 25-120/121	General Physics I & Lab OR Classical Physics I & Lab	General: Mathematical Modeling OR Precalc OR Precalculus Algebra OR Calculus I Classical: Calculus I	4-5	
24-322/323	Analytical Chemistry & Lab	General Chemistry II & Lab	4	
24-562	General Biochemistry		3	
<b>Total Hours</b>			<b>14-15</b>	
Term 6	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
25-112/113 OR 25-230/231	General Physics II & Lab OR Classical Physics II & Lab	General: Mathematical Modeling OR Precalc OR Precalculus Algebra OR Calculus I Classical: Calculus II AND Classical Physics I & Lab	4-5	
	Western Experience		3	
24-552/555 OR 24-522/523	Advanced Inorganic Chemistry & Lab OR Instrumental Analysis & Lab	Adv Inorg: Physical Chemistry I Instrumental: Analytical Chemistry & Lab	4	
24-436	Medicinal Chemistry I	Permission of Instructor	3	Taught ONLINE through University of Kansas
	Elective		2	
<b>Total Hours</b>			<b>13-14</b>	
Term 7	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-532/533	Physical Chemistry I & Lab	General Chemistry II & Lab AND Classical Physics I AND Calculus II	4	
24-438	Medicinal Chemistry II	Permission of Instructor	3	Taught ONLINE through University of Kansas
	Behavioral & Social Science		3	
	Global Experiences		3	
	Digital Literacy		3	
<b>Total Hours</b>			<b>16</b>	

**1** = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.


**2** = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.


**3** = a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.


**4** = a milestone courses taken in final year to complete degree requirements.




Term 8	Course Title/Description	Pre-requisite	Cr Hrs	Milestone/Notes
24-534/535	Physical Chemistry II & lab	Physical Chemistry I &* Lab	4	
24-592	Chemistry Seminar		1	
24-552/555 OR 24-522/523	Advanced Inorganic Chemistry & Lab OR Instrumental Analysis & Lab	Adv Inorg: Physical Chemistry I Instrumental: Analytical Chemistry & Lab	4	
	Fine Arts		3	
	Elective		3	
<b>Total Hours</b>			<b>15</b>	

 = a milestone course completed by end of year 1 to remain on pace to finish degree requirements in four years.

 = a milestone course completed by end of year 2 to remain on pace to finish degree requirements in four years.

 = a milestone course completed by end of year 3 to remain on pace to finish degree requirements in four years.

 = a milestone courses taken in final year to complete degree requirements.