

**Chemistry – Pre-Pharmacy Concentration – ARTICULATION**  
**(Meets admissions requirements for all regional PharmD programs)**

2024-2025 Undergraduate Catalog

<b>Semester 1 - Fall</b>				
	Credits	Major	Pre-Pharm	GEP
CHEM 201 – General Chemistry I	4	X	X	C
BIOL 149/159 – General Biology	4		X	C
ENGL 101 – First-Year Composition	3		X	CS1
MATH 236 – Calculus I	4	X	X	CS3
ORIE 101 – Intro. To Higher Education	1			
CHEM 191 – Intro. Seminar in Chem.	1	X		
<b>Semester Total</b>	<b>17</b>			

<b>Semester 2 - Spring</b>				
	Credits	Major	Pre-Pharm	GEP
BIOL 304 – Microbiology	4	X	X	
CHEM 202 – General Chemistry II	4	X	X	
MATH 237 – Calculus II	4	X		
ECON 200 or 201/211 – Economics	3		X	D
<b>Semester Total</b>	<b>15</b>			

<b>Semester 3 - Fall</b>				
*Fall Only	Credits	Major	Pre-Pharm	GEP
BIOL 310* – Cell Biology	4	X		
BIOL 321* – Anatomy & Physiology I	4	X	X	
CHEM 311 – Organic Chemistry I	3	X	X	
CHEM 312 – Organic Chemistry Lab I	1	X	X	
IDIS 150 – FSU Colloquium	3			E
CHEM 304* - Comp. Tech.	2			TF
<b>Semester Total</b>	<b>17</b>			

<b>Semester 4 - Spring</b>				
**Spring Only	Credits	Major	Pre-Pharm	GEP
BIOL 322** – Anatomy & Physiology II	4	X	X	
CHEM 321 – Organic Chemistry II	3	X	X	
CHEM 322 – Organic Chemistry Lab II	1	X	X	
GEP Fine & Performing Arts	3		X	A
GEP Humanities	3		X	B
GEP Social Science	3		X	D
<b>Semester Total</b>	<b>17</b>			

<b>Semester 5 - Fall</b>				
*Fall Only	Credits	Major	Pre-Pharm	GEP
CHEM 320* - Quantitative Analytical	4	X		
CHEM 455* - Biochemistry I	3	X	X	
MATH 109/110 or 280* Statistics	3	X	X	
PHYS 215* or PHYS 261*	4	X	X	E
GEP Identity and Difference	3	X		F
<b>Semester Total</b>	<b>17</b>			

<b>Semester 6 - Spring</b>				
**Spring Only	Credits	Major	Pre-Pharm	GEP
CHEM 305** – Research Methods	1	X		
CHEM 493 – Adv. Chem. Research	2	X		
CMST 102/112 or 122** Commun.	3	X	X	
ENGL 338/339 – Advanced Writing	3		X	CS2
PHYS 216** or PHYS 262**	4	X		
GEP Humanities	3		X	B
<b>Semester Total</b>	<b>16</b>			

<b>Semester 7 – Fall and Semester 8 - Spring</b>				
<b>First year of PharmD program (23 credits)</b>				
Please see appropriate Pharmacy School agreement for specific course requirements.				