

## 2019-2020 PHARMACY OPTION, LIBERAL ARTS A.A.

## Roadmap

Year One							
First Semester				Second Semester			
Course	Title	Crd.		Course	Title	Crd.	
<b>General Education: Communication</b>				<b>General Education: Communication</b>			
ENC 1101	English Composition I	3	<input type="checkbox"/>	ENC 1102	English Composition II	3	
<b>General Education: Mathematics</b>				<b>General Education: Philosophy/Religion</b>			
MAC 2311	Calculus/Anal Geometry I	4	<input type="checkbox"/>	<b>Select One:</b> FRE 2200 - 2nd Yr French I PHH 2060 - Intro to Classical Philosophy PHI 2002 - Intro Mod/Contem Philosophy PHI 2010 - Introduction to Philosophy PHI 2600 - Ethics PHI 2620 - Environmental Ethics PHI 2635 - Biomedical Ethics REL 2000 - Introduction to Religion REL 2121 - Intro Religion in America REL 2300 - Religions of the World REL 2315 - Eastern Religions SPN 2200 - Second-Year Spanish I		3	<input type="checkbox"/>
<b>General Education: Physical Science</b>							
CHM 1045	General Chemistry	3	<input type="checkbox"/>				
<b>General Education: Physical Science</b>							
CHM 1045L	General Chemistry Laboratory	1	<input type="checkbox"/>				
<b>General Education: Biological Science</b>							
BSC 2010	Biology for Science Majors I	3	<input type="checkbox"/>				
<b>General Education: Biological Science</b>							
BSC 2010L	Biology for Sci Majors I Lab	1	<input type="checkbox"/>				
<b>General Education: Visual and Performing Arts</b>							
<b>Select One:</b> ARH 2000 - Understanding Visual Arts ARH 2050 - Art History Criticism I ARH 2051 - Art History Criticism II ARH 2060 - History of Architecture MUL 2010 - Understanding Music MUL 2110 - Survey of Music Literature MUL 2010H - Hrs Undrstd Music THE 2000 - Understanding Theatre THE 2071 - Survey of Film THE 2000 - Understanding Theatre		3	<input type="checkbox"/>	CHM 1046	Gen Chem & Qual Analysis	3	<input type="checkbox"/>
				CHM 1046L	Gen Chem & Qual Analysis Lab	1	<input type="checkbox"/>
				BSC 2011	Biology for Science Majors II	3	<input type="checkbox"/>
				BSC 2011L	Biology for Sci Majors II Lab	1	<input type="checkbox"/>
				<b>Total</b>		<b>14</b>	
<b>Total</b>		<b>18</b>					

Year Two								
First Semester				Second Semester				
Course	Title	Crd.		Course	Title	Crd.		
<b>General Education: Literature</b>				PHY 2054	College Physics II	3	<input type="checkbox"/>	
<b>Select One:</b> AML 2010 - American Literature-Civil War AML 2020 - Am Lit Reconst-Present AML 2600 - African-American Literature ENG 2111 - Literature and Film ENL 2012 - English Literature I ENL 2022 - English Literature II LIT 2000 - Introduction to Literature LIT 2040 - World Drama LIT 2090 - Contemporary Literature LIT 2110 - World Lit/Ancient-Renaissance LIT 2120 - World Lit/Enlightnmt-Present LIT 2380 - Women in Literature				3			<input type="checkbox"/>	
				PHY 2054L	College Physics II Lab	1	<input type="checkbox"/>	
				<b>General Education: History</b>				
				<b>Select One:</b> EUH 1000 - Western Civilization I EUH 1001 - Western Civilization II AMH 2010 - United States History I AMH 2020 - United States History II			3	<input type="checkbox"/>
				<b>General Education: Behavioral Science</b>				
				<b>Select One:</b> PSY 2012 - General Psychology SYG 2000 - Principles of Sociology ANT 2000 - Introduction to Anthropology ECO 2013 - Principles of Economics, Macro			3	<input type="checkbox"/>
CHM 2210	Organic Chemistry I	3	<input type="checkbox"/>					
CHM 2210L	Organic Chemistry Laboratory	2	<input type="checkbox"/>					
<b>General Education: Physical Science</b>				CHM 2211	Organic Chemistry II	4	<input type="checkbox"/>	
PHY 2053	College Physics I	3	<input type="checkbox"/>	<b>Total</b>				
<b>General Education: Physical Science</b>				<b>14</b>				
PHY 2053L	College Physics I Lab	1	<input type="checkbox"/>					
<b>General Education: Government</b>								
<b>Select One:</b> CPO 2002 - Comparative Government POS 2041 - Amer National Government POS 2112 - State and Local Government				3			<input type="checkbox"/>	
<b>Total</b>		<b>14</b>						

### Program Notes

All pharmacy schools in the state of Florida and most others require a year of Organic Chemistry and their accompanying labs. If applying to a private or out-of-state pharmacy school, it is prudent to know their specific pre-requisite courses. Some of the additional courses required by in-state pharmacy schools may not be offered at Gulf Coast because they are considered upper division courses.

**University of Florida** In addition to above and 1 year organic chemistry with labs require the following additional courses: Biochemistry (BCH4014), Microbiology (MCB3020), Anatomy & Physiology I & lab (BSC 2085 & 2085L), Anatomy & Physiology II & lab (BSC 2086 & 2086 L) & Introduction to Public Speaking (SPC 1608). The biochemistry and microbiology are offered by distance learning. UF also requires the PCAT.

**Florida A&M University** in addition to above and 1 year organic chemistry with labs require the following additional courses: A & P I and Lab (BSC 2085 & 2085L), A & P II & Lab (BSC 2086 & 2086L), Statistics (STA 2023), Microbiology, Biochemistry, and an Afro-American cultural course.

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University of South Florida in addition to above and 1 year organic chemistry with labs require the following additional courses: Statistics (STA 2023), Microbiology, Cell/molecular biology, Biochemistry, Genetics, and Economics.

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**Recommended academic map assumes:**

1. Readiness for college-level English
  2. Readiness for Calculus I
  3. Readiness for General Chemistry
  4. No previous credit earned
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