

# B.S. Biochemistry/Chemistry (ACS Accredited)

BICH



	Freshman		Sophomore		Junior		Senior		
	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	
Chemistry	**General I <b>CHM 12500</b> <sub>5</sub>	^General II <b>CHM 12600</b> <sub>5</sub>	**Organic I <b>CHM 26505/26500</b> <sub>5</sub>	^Organic II <b>CHM 26605/26600</b> <sub>5</sub>	**Biochem. <b>CHM 53300</b> <sub>3</sub>	^Biotech <b>CHM 53800</b> <sub>3</sub>	**Anal. I <b>CHM 32100</b> <sub>4</sub>	^Physical II <b>CHM 37400</b> <sub>3</sub>	
			**Seminar <b>CHM 29400</b> <sub>1</sub>	Research <b>CHM 49900</b> <sub>2</sub>	Research <b>CHM 49900</b> <sub>2</sub>	Research (→) <b>CHM 49900</b> <sub>2</sub>	^Inorg. I <b>CHM 24100</b> <sub>4</sub>	**Physical I <b>CHM 37300</b> <sub>3</sub>	Physical Lab <b>CHM 37600</b> <sub>2</sub>
							Seminar <b>CHM 49400</b> <sub>1</sub>	^Inorg. II <b>CHM 34200</b> <sub>3</sub>	
Math	Calc I <b>MA 16100</b> <sub>5</sub>	Calc II <b>MA 16200</b> <sub>5</sub>	Calc III <b>MA 26100</b> <sub>4</sub>						
Science		Mechanics <b>PHYS 17200</b> <sub>4</sub>	Magnetism /Optics & Electricity <b>PHYS 272 or 241/252</b> <sub>4</sub>	STAT 301, 350 or 503 <sub>3</sub>	Cell Structure Function & <b>BIOL 231/232</b> <sub>5</sub>	Genetics & Molec Bio <b>BIOL 241/242</b> <sub>5</sub>	CS 158, 177 or 180 <sub>3-4</sub>		
English	Freshman Comp <b>ENGL 10600</b> <sub>4</sub> or <b>10800</b> <sub>3</sub>				Technical Writing/ Presentation				
Gen Ed				Gen Ed <sub>3</sub>	Gen Ed <sub>3</sub>			Gen Ed <sub>3</sub>	
Lang/Culture	Foreign Language <b>101</b> <sub>3</sub>	Foreign Language <b>102</b> <sub>3</sub>	<b>201 or</b> <sub>3</sub> Culture Diversity Study Abroad						
	Team Princ. <b>CHM 194</b> <sub>1</sub>							Multi-Disciplinary <sub>3</sub>	
Total Credits	17-18	17	17	13	17	15	12	14	

\*\*Fall only class; ^ Spring only class

Common Substitutions: CHM 125/126 = [115/116](#); MA 161/162 = [165/166](#); PHYS 172/272= 152/242/241/252

Honors degree in Chemistry may include the following substitutions: CHM 267 for 265, 268 for 266 and 323 for 321. In addition, 6 cr of CHM 499, an Honor Thesis, and a GPA of 3.4 or higher are required.

Gen Ed must be a sequence (i.e PSY 120, PSY 350).

See detailed description of grad requirements at <https://www.science.purdue.edu/undergraduate-curriculum>

View courses toward the completion of a minor at

[https://www.science.purdue.edu/index.php?option=com\\_content&view=article&catid=74:uncategorized&id=344:minors-available-to-science-students&Itemid=215](https://www.science.purdue.edu/index.php?option=com_content&view=article&catid=74:uncategorized&id=344:minors-available-to-science-students&Itemid=215)