

Biomedical Pre-Professional: Pre-Optometry Liberal Arts and Sciences

University			Deg	ree Path -	Catalog 2022-2023
Semester 1	Credits	Success Marker	Semester 2	Credits	Success Marker
ENGL 103	3		ENGL 203	3	
MATH 110	3		MATH 155	3	
BIOS 208	3		BIOS 209	3	
BIOS 210	1		BIOS 211	1	
CHEM 210	3		CHEM 211	3	
CHEM 212	1		CHEM 213	1	
UNIV 101 (optional)	1				
Total hours	14-15		Total hours	14	
Notes/Comments:			Notes/Comments:		
Semester 3	Credits	Success Marker	Semester 4	Credits	Success Marker
Knowledge Domain	3		BIOS 303	3	
MATH 229	4		CHEM 331	3	
CHEM 330	3		CHEM 333	1	
CHEM 332	1		STAT 200	3	
BIOS 302	3		Knowledge Domain	3	
Elective: Major Class	3				
Total hours	17		Total hours	13	
Notes/Comments:			Notes/Comments:		
Semester 5	Credits	Success Marker	Semester 6	Credits	Success Marker

Semester 5	Credits
PHYS 210 or 253	4
BIOS 313	4
CHEM 470	3
COMS 100	3
Total hours	15-16

Notes/Comments:

Semester 7	Credits	Success Marker		
Elective: Major Class	3-4	Apply for graduation (2/1 for May 6/15 for August, or 9/1 for		
Elective: Major Class	3-4			
Elective: Minor Requirement	3-4			
Elective	3			
Total hours	12-15			
Notes/Comments:				

Semester 6	Credits	Success
PHYS 211 or 273	4	
Knowledge Domain	3	
BIOS 355	4	
Biology Elective	3-4	
Total hours	14-15	

Notes/Comments: Most pre-professional students will take entrance exam in the summer after junior year (MCAT, DAT, etc.)

Semester 8	Credits	Success Marker
Elective: Major Class	3	
Elective: Major Class	3	
Elective: Major Class	3	
Elective: Minor Requirement	3	
Elective	3	
Total hours	15	

Notes/Comments: Students must complete 120 hours to graduate.

Notes/Comments: This plan is an example of what a four year plan could look like for a typical student. Placement exam scores in math as well as the completion of coursework may change the plan. It should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor each Semester to discuss course scheduling. All requirements are subject to change by NIU.