

POST-BACCALAUREATE CERTIFICATE IN PRE-MEDICINE

College of the Sciences and Mathematics

Curriculum

Code	Title	Credits
Required Courses ¹		
Select 2 courses in general biology with labs:		8
BIO 110	General Biology I	
BIO 111	General Biology II	
BIO 210	Genetics	
BIO 210L	Genetics Lab	
BIO 211	Cell Biology	
BIO 214	General Microbiology	
CHE 103	General Chemistry I	3
CRL 103	General Chemistry I Lab	1
CHE 104	General Chemistry II	3
CRL 104	General Chemistry II Lab	1
CHE 231	Organic Chemistry I	4
CRL 231	Organic Chemistry I Lab	2
CHE 232	Organic Chemistry II	3
CHE 476	Biochemistry I	3
Select 2 courses in general physics with labs:		8
PHY 130 & PHY 140	General Physics I and General Physics II	
PHY 170 & PHY 180	Physics I and Physics II	
WRT 120	Effective Writing I ²	3
WRT 200	Critical Writing and Research	3
or WRT 204	Critical Writing: Approaches to Popular Culture	
or WRT 205	Critical Writing: Investigating Experience	
or WRT 206	Critical Writing: Multidisciplinary Imagination	
or WRT 208	Critical Writing: Entering Public Sphere	
or WRT 220	Critical Writing: Special Topics	
MAT 121	Introduction to Statistics I	3
or MAT 125	Introduction to Statistics and Probability	
MAT 143	Brief Calculus	3
or MAT 145	Calculus for the Life Sciences	
or MAT 161	Calculus I	
PSY 100	Introduction to Psychology	3
or SOC 100	Introduction to Sociology	
Total Minimum Credits Required		51

¹ Courses from a student's previous degree(s) will fulfill the requirements if a grade of C or better was obtained.

² Not required if transferring in a 200-level WRT course.

Sample Course Plan

To track their individual degree progress, students are advised to access their Degree Progress Report (DPR) via myWCU regularly. For more information, visit [wcupa.edu/DegreeProgressReport](http://wcupa.edu/degreeprogressreport/) (<http://wcupa.edu/degreeprogressreport/>).

The following is a sample suggested course sequence for this program; course offerings and availability are not guaranteed. Students should consult their academic advisor with any questions.

Fall Start with Summer Classes

Course	Title	Credits
Year One		
Fall		
CHE 103	General Chemistry I	3
CRL 103	General Chemistry I Lab	1
BIO 110	General Biology I	4
WRT 120	Effective Writing I	3
MAT 121	Introduction to Statistics I	3
or MAT 125	or Introduction to Statistics and Probability	
Credits		14
Spring		
CHE 104	General Chemistry II	3
CRL 104	General Chemistry II Lab	1
BIO 111	General Biology II	4
MAT 145	Calculus for the Life Sciences	3
or MAT 143	or Brief Calculus or Calculus I	
or MAT 161		
WRT 2XX	200-Level WRT Course	3
Credits		14
Summer Session I		
CHE 231	Organic Chemistry I	4
CRL 231	Organic Chemistry I Lab	2
Credits		6
Summer Session II		
CHE 232	Organic Chemistry II	3
Credits		3
Year Two		
Fall		
CHE 476	Biochemistry I	3
PHY 130	General Physics I	4
or PHY 170	or Physics I	
BIO 210	Genetics	3
PSY 100	Introduction to Psychology	3
or SOC 100	or Introduction to Sociology	
Credits		13
Spring		
PHY 140	General Physics II	4
or PHY 180	or Physics II	
BIO 211	Cell Biology	4
Study/Take MCAT		
Credits		8
Total Credits		58

Summer Start

Course	Title	Credits
Summer Before Year 1 (May-July)		
Summer Session I		
CHE 103	General Chemistry I	3
CRL 103	General Chemistry I Lab	1
Credits		4

Summer Session II		
CHE 104	General Chemistry II	3
CRL 104	General Chemistry II Lab	1
Credits		4
Year One		
Fall		
CHE 231	Organic Chemistry I	4
CRL 231	Organic Chemistry I Lab	2
BIO 110	General Biology I	4
PHY 130	General Physics I	4
or	or Physics I	
PHY 170		
WRT 120	Effective Writing I	3
Credits		17
Spring		
CHE 232	Organic Chemistry II	3
BIO 111	General Biology II	4
MAT 121	Introduction to Statistics I	3
or	or Introduction to Statistics and	
MAT 125	Probability	
PHY 140	General Physics II	4
or	or Physics II	
PHY 180		
WRT 2XX	200-Level WRT Course	3
Credits		17
Summer Session I		
CHE 476	Biochemistry I	3
BIO 210	Genetics	3
Study for MCAT		
Credits		6
Summer Session II		
PSY 100	Introduction to Psychology	3
or	or Introduction to Sociology	
SOC 100		
Take MCAT		
Credits		3
Total Credits		51