

NAME:

ID#:

**B.S. in Biochemistry
Transfer Program Guide
Effective Fall 2018**

TR	RU	SEM HRS
<u>Communications</u>		
		6 S.H.
___	___	College Comp I 3
___	___	College Comp II 3
<u>Science and Mathematics</u>		
		12 S.H.
___	___	Calculus I 4
___	___	Calculus II 4
___	___	Intro Mechanics 4
		(Physics I w/Calc)
<u>Social and Behavioral Sciences</u>		
		6 S.H.
___	___	_____ 3
___	___	_____ 3
<u>History/Humanities/Languages</u>		
		6 S.H.
___	___	*Phil-of-Science-WI 3
___	___	_____ 3
<u>Non-Program Courses</u>		
		8 S.H.
___	___	Intro Electricity and Magnetism 4
		(Physics II w/Calc)
___	___	Intro Genetics (Bio II) 4
<u>*ROWAN EXPERIENCE</u>		
		6 S.H.
___	___	ACE _____ 3
___	___	Literature _____ 3

TR	RU	Major Requirements	43 S.H.
___	___	Intro Program/Sci Program/Comp Environments	3
___	___	Bio Skills for Transfer Students (Biology 3T)	4
___	___	Chemistry I	4
___	___	Chemistry II	4
___	___	Organic Chemistry I	4
___	___	Organic Chemistry II	4
___	___	Quantitative Analysis	4
___	___	Intro Biophysical Chemistry	4
___	___	Biochemistry	4
___	___	Advanced Biochemistry (lecture)	3
___	___	Advanced Biochemistry lab	2
___	___	Seminar	1
___	___	Research	3

Biochemistry Restricted Electives: 5 classes or 20 S.H.

___	___	300/400 Biological Sciences/MCB: _____
___	___	300/400 Biological Sciences/MCB _____
___	___	300/400 Chemistry _____
___	___	300/400 Chemistry _____
___	___	300/400 Chemistry _____

Free Electives Chosen with the help of advisor and with consideration for future educational and career plans **13 S.H.**

___	___	_____	_____
___	___	_____	_____
___	___	_____	_____
___	___	_____	_____
___	___	_____	_____

PROGRAM TOTAL 120 S.H.

Suggested Course Sequence for Transfer Students B.S. Biochemistry			
First Semester		Second Semester	
Biochemistry	4	Biophysical	4
Quantitative Analysis	4	Adv Biochemistry lecture	3
Bio for Transfer Students (Bio 3T)	4	Adv Biochemistry lab	2
Chemistry Restricted Elective	3	Philosophy of Science	3
		Biological Sciences Restricted Elective	4
Term Total	15	Term Total	16
Third Semester		Fourth Semester	
Seminar	1	Chemistry Restricted Elective	3
Chemistry Restricted Elective	3	Free/General Education Elective	3
Biological Sciences Restricted Elective	4	Free/General Education Elective	3
Research 1	3	Free/General Education Elective	3
Free/General Education Elective	3	Free/General Education Elective	3
Term Total	14	Term Total	15
<p>NOTES:</p> <ul style="list-style-type: none"> ➤ The schedule above is an example of one possible 2-year sequence of courses to complete the B.S. in Biochemistry. Students should contact the academic advisor (nash@rowan.edu) for assistance selecting courses. ➤ Students may transfer over unlimited credits but a minimum of 30 s.h. must be completed at Rowan University to obtain a Rowan University degree ➤ Rowan University requires that a student must have a 2.0 overall GPA to graduate. ➤ For more information regarding chemistry electives, please refer to the advising page on the department website https://academics.rowan.edu/csm/departments/chembio/ 			

