

NAME:

ID#:

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

TR	RU	<u>Communications</u>	<u>6 S.H.</u>
___	___	College Comp I	3
___	___	College Comp II	3

<u>Science and Mathematics</u>	<u>11 S.H.</u>	
___ ___	Calculus I	4
___ ___	Intro Mechanics (Physics 1 w/Calc)	4
___ ___	Intro to Scientific Programming	3

<u>Social and Behavioral Sciences</u>	<u>6 S.H.</u>	
___ ___	_____	3
___ ___	_____	3

<u>History/Humanities/Languages</u>	<u>6 S.H.</u>	
___	*Phil-of-Science-WI	3
___	*Literature choice: _____	3

<u>Non-Program Courses</u>	<u>6 S.H.</u>	
___ ___	<u>Intro E+M (Physics II w/Calc)</u>	4
___ ___	<u>Calculus II</u>	4

<u>*ROWAN EXPERIENCE</u>	<u>3 S.H.</u>	
___ ___	ACE: _____	3

TR	RU	<u>Major Requirements</u>	<u>54 S.H.</u>
___	___	Calculus III	4
___	___	Chemistry I	4
___	___	Chemistry II	4
___	___	Organic Chemistry I	4
___	___	Organic Chemistry II	4
___	___	Quantitative Analysis	4
___	___	Inorganic Chemistry	3
___	___	Physical Chemistry I	3
___	___	Physical Chemistry I Lab	2
___	___	Instrumental Methods	4
___	___	Adv. Inorganic Chemistry	3
___	___	Adv. Inorganic Chemistry Lab	2
___	___	Physical Chemistry II	3
___	___	Physical Chemistry II Lab	2
___	___	Biochemistry	4
___	___	Seminar	1
___	___	Research I	3

Chemistry Restricted Electives: 12 S.H.

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

*8 of 12 credits need to be from CHEM Department

<u>Free Electives</u>	<u>16 S.H.</u>		
___	___	_____	3/4
___	___	_____	3
___	___	_____	3
___	___	_____	3
___	___	_____	3

PROGRAM TOTAL 120 S.H.

Suggested Course Sequence for Transfer Students Bachelor of Science in Chemistry			
First Semester		Second Semester	
Inorganic Chemistry	3	Advanced Inorganic Chemistry	3
Quantitative Analysis	4	Advanced Inorganic Chemistry lab	2
Philosophy of Science- WI	3	Physical Chemistry II (lecture)	3
Physical Chemistry I (lecture)	3	Biochemistry	4
		Restricted Elective	3
Term Total	13	Term Total	15
Third Semester		Fourth Semester	
Physical Chemistry I lab	2	Physical Chemistry II lab	2
Restricted Elective	3	Restricted Elective	3
Instrumental Methods	4	Seminar	1
Research I	3	Free/General Education Elective	3
Restricted Elective	3	Free/General Education Elective	3
		Free/General Education Elective	3
Term Total	15	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 Chemistry. 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/ 			

