

D. Summary of the degree program (complete the following tables):

A.S. in Integrated Science	Credit Hours	Credit Hours	Percent
System General Education Requirements*	24 (-6)		
Institutional Graduation Requirements	—	—	—
Subtotal, Degree Requirements		24 (-6)	38.3%
Required Support Courses (not included above)	3		
Major Requirements	27		
Major Electives	7-8		
Subtotal, Program Requirements		37-38	48.3-50%
Free Electives		4-5	11.7-13.3%
Degree Total ¹⁰		60	100%

*Integrated Science 1 & 2(New) will be proposed to fulfill System General Requirements 6, Natural Sciences

Required Support Courses Outside the Major (Not general education or institutional graduation requirements)

Prefix	Number	Course Title	Credit Hours	New (yes, no)
MATH	281	Introduction to Statistics	3	No
Subtotal			3	

Major Requirements

Prefix	Number	Course Title	Credit Hours	New (yes, no)
ISCI	151/L	Integrated Science I/Laboratory	4	No
ISCI	153/L	Integrated Science II/Laboratory	4	Yes
ISCI	215/L	Good Laboratory Practices	4	No
CHEM	326/L	Organic Chemistry I	4	No
CHEM	330	Structure/Function Biomolecules	3	No
ISCI*	225/L	Integrated Science 3 (cell molecular)	4	Yes
MICR	231/L	General Microbiology	4	No
Subtotal			27	

*Integrated Science 1 & 2 will be proposed to fulfill System General Requirements 6, Natural Sciences

Major Electives: List courses available as electives in the program. Indicate any proposed new courses added specifically for the major.

Prefix	Number	Course Title	Credit Hours	New (yes, no)
ISCI	353	Regulatory Affairs	3	No
CHEM	332/L	Analytical Chemistry	4	No
CHEM	434	Instrumental Analysis	4	No
BIOL	245/L	Cell Culture Techniques	4	No
ISCI	335/L	Biomedical Technologies	4	No
Subtotal			7-8	

¹⁰ Board Policy 2:29 requires each baccalaureate level degree program to require 120 credit hours and each associate degree program to require 60 credit hours. Exceptions to this policy require documentation that programs must comply with specific standards established by external accreditation, licensure, or regulatory bodies or for other compelling reasons and must receive approval by the Executive Director in consultation the President of the Board of Regents.