

Program: SCI.AS Science (60 credits)	Division: STEM
Student:	ID#:
	Catalog Year: 2022-23

Developmental Education Courses (if required)								
<input type="checkbox"/>	EAP-018	Intensive Academic English	<input type="checkbox"/>	MAT-020	Basics of College Math	<input type="checkbox"/>	COM-017/019	Foundational Reading/Writing
<input type="checkbox"/>	EAP-020/040	EAP Reading I and Writing I	<input type="checkbox"/>	MAT-03_		<input type="checkbox"/>	COM-097	Academic Literacy I
<input type="checkbox"/>	EAP-050/060	EAP Writing II and Reading II				<input type="checkbox"/>	COM-098	Academic Literacy II

SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS

Courses are listed in preferred order of completion. Plans may be modified by adding more semesters.

SEMESTER I – Fall (13-14 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	BIO-150, CHE-150 or PHY-240	Biology I, Chemistry I, or Physics I (start first sequence)	4	COM 098 or EAP 050 & EAP 060; CHE 120, MAT 030. CHE 120 or High school chemistry (C or better), MAT 110 COM 098 or EAP 060 & EAP 050, MAT 110	Fall & OL
	MAT-180 or MAT-220	Pre-Calculus Calculus I	3/4	MAT-165 or placement MAT-180	All
	COM-121 *	English Composition I	3	COM-098 or EAP-060 and EAP-050	All & OL
	CSS-103 *	College Success Strategies	3		All & OL

SEMESTER 2 – Spring (17-18 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	BIO-155, CHE-155, or PHY-245	Biology II, Chemistry II, or Physics II (complete second sequence)	4	BIO 150 (C or better), CHE 150 (C or better) + MAT 160 PHY 240	Spring & OL
	MAT-210, MAT-220, or MAT-221	Statistics Calculus I Calculus II	3/4	MAT 030, MAT 032, MAT 034 OR MAT 035 with “C” or better COM 098 OR EAP 060 and EAP 050 MAT-180; MAT-220	All
	Humanities 1	ART-111, ART-201, COM-110, ENG- 125*, PHI-271*, PHI-275*	3	COM-098 or EAP-060 and EAP-050 or COM-121/122	All & OL
	Social Science 1	ANT140, HIS-110/115, PSY-130*, SOC-130*	3	COM-098 or EAP-060 and EAP-050	All & OL
	BIO 260	Genetics	4	BIO 140 or BIO 150 and CHE 150	Spring

FALL SEMESTER 3 – Fall (16-17 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	BIO-150, CHE-150 or PHY-240	Biology I, Chemistry I, or Physics I (complete first sequence)	4	COM 098 or EAP 050 & EAP 060; CHE 120, MAT 030. CHE 120 or High school chemistry (C or better), MAT 110 COM 098 or EAP 060 & EAP 050, MAT 110	Fall & OL
	ENV-130	Environment	3	COM-098 or EAP-060 and EAP-050	All & OL
	COM-221 * or COM-141	English Composition II Technical Writing	3	COM-121 or 122 (grade of C or higher)	All & OL
	IFT-110 *	Microcomputer Applications	3	MAT-020; COM 098 or EAP 060 & EAP 050	All & OL
	Elective		3-4		

SPRING SEMESTER 4 – Spring (14 credits)					
√	Course#	Course Name	Cr.	Pre-requisites/ Co-requisites	Semesters
	BIO-155, CHE-155, or PHY-245	Biology II, Chemistry II, or Physics II (complete second sequence)	4	BIO 150 (C or better), CHE 150 (C or better) + MAT 160 PHY 240	Spring & OL

Date created: September 2019	Updated: July 2022	All = Fall/Spring/Summer OL = Online
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	COM-151*	Fundamentals of Speech	3	COM-098 or EAP-060 and EAP-050	All & OL
	Hum/SS 2	ART, ENG, HUM, MUS, PHI, THE, ANT, HIS, POS, SOC	3	See catalog	All
	Elective		4		

Recommended Electives:

BIO 250 (Anatomy & Physiology I), BIO 255 (Anatomy & Physiology II), BIO 280 (Microbiology), CHE 250 (Organic Chemistry I)
 Any 200-level MAT course not used to fulfill a General Education requirement.

*Sections of these courses offered in the Honors Program, check <https://www.racc.edu/academics/honors-program> for details. **Online (OL)** may not be offered every semester. Please check the schedule.

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