

Biological Sciences- Associate in Science (2024-2025 Catalog)

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Developmental Education Courses (if required)			cation Courses (if required)	Placement in English and/or Mathematics must first be determined by official transcripts and/or placement testing. Developmental	
		ACLS050	Introduction to Academic Literacy	education courses are only taken if needed based on a student's placement; these courses would be in addition to the courses outlined	
		ENGL027	Writing Skills Workshop	below. Developmental education courses may extend the timeline to degree completion.	
		MATH020	Pre-Algebra		
		MATH022	Elementary Algebra	Transferring credits into NCC: Official transcripts are required; awarded credit will appear in Workday's Academic Progress.	
		MATH026	Intermediate Algebra		

	complete	Course #	Course Title	Credits	Prerequisites / Corequisites	Program Notes:	
		COLS101	College Success	1	Exempt: COLS150 or 12+ transfer credits & 2.0 GPA	+Students must take two General Education Electives (SIT and AH) and two Electives; one of these must be in a Writing Intensive (WI)	
		BIOS107	Biology I	4			
er 1		CHEM120	General Chemistry I	4	PRE: MATH 022 or Placement Policy; 1 yr HS Chem or CHEM 011, ENGL101 eligible	section.	
Semester		ENGL101	English I	3	PRE: ENGL Placement Policy	Writing Intensive course codes end in G. Examples: PSYC103G (PSYC103 is not writing intensive). Please pay attention to the option you select. For example, if you are looking for an SSHB writing intensive course, look for one that ends in G via the SSHB course tag.	
Sen		MATH140 or	College Algebra or	3/4	PRE: MATH 026 or Placement Policy		
• •		MATH180	Calculus I		PRE: MATH 160 with C or better or Placement Policy		
			Total Semester Credits:	15/16		How to search for general education electives:	
		BIOS150	Biology II	4	PRE: BIOS107	In Workday, use the corresponding Course Tag filter to see the available options.	
5		CHEM220	General Chemistry II	4	PRE: CHEM120		
		COMM101	Introduction to Communication	3		Arts and Humanities = AH	
est		ENGL151L	English II (Literature) (D)	3	PRE: ENGL101	Societies and Institutions Over Time = SIT	
Semester		MATH145 or	Trigonometry or	3 or 4	PRE:MATH140 or Placement Policy	+Recommended general electives include: GEOG121, GEOG140,	
S		MATH181	Calculus II	5 01 4	PRE: MATH176 or MATH180 or Placement Policy	SOCA103, BIOS126, BIOS210, GEOG210, HUMA150, CHEM260,	
			Total Semester Credits:	17/18		HEAL150, NUTR105, PHYS101	
ŝ		BIOS2	Biology Elective	4	Depends on the course selected		
er		CHEM201G	Organic Chemistry I (WI)	4	PRE: CHEM220 and ENGL101	Biology Electives: BIOS206: General Ecology BIOS210: Environmental Biology BIOS240: Microbiology	
Semester		PSYC103	Introduction to Psychology	3	ENGL101 eligibility		
em			SIT General Education Elective	3	Depends on the course selected		
S			Total Semester Credits:	14		BIOS260: Genetics	
		BIOS2	Biology Elective	4	Depends on the course selected	. For students with an Environmental Colones intent DIOC20C and	
r 4		CHEM251	Organic Chemistry II	4	PRE: CHEM201G	+ For students with an Environmental Science intent BIOS206 and BIOS210 are recommended	
ste			AH General Education Elective	3	Depends on the course selected	+ For students with an Integrative Biology intent Bios260 and either	
Semester			Elective	3	Depends on the course selected	BIOS206 or BIOS210 are recommended	
Se			Elective	3	Depends on the course selected		
			Total Semester Credits:	17			
			Total Degree Credits				

General Education Requirements						
	ENGL151L	Diversity				
	CHEM201G	Writing Intensive				
		Writing Intensive				

*It is the student's responsibility to be knowledgeable of NCC graduation requirements and, if applicable, to verify transfer requirements with the 4-year institution. Courses listed on the program map are based upon the assumption that prerequisites and courses taken in previous semesters will be successfully completed.