

Degree Pathway – Associate of Arts to NCF Biology

The following is a recommended sequence of courses for completing the AA degree for a **Biology Area of Concentration** at **New College of Florida**. Developmental courses and prerequisite course requirements, credit loads, and/or course availability may affect a student's individual progress. The program sequences are specifically presented herein for full-time students, beginning their coursework in a fall semester. Students should always consult their online degree planner and/or advisor(s) for the catalog year they entered their college and contact their academic advisor to better understand typical course availability and individual program planning.

Semester One

Course	Credits
ENC 1101 – Written Communication	3
MAC 1105 – College Algebra	3
CHM 1025c – Introduction to Chemistry	5
Area III - Social Science (recommended: PSY 2012 – General Psychology)	3
	14 credit hours

Semester Two

Course	Credits
ENC 1102 – Written Communication II	3
MAC 1140 – Pre-Calculus	3
CHM 2045c – General Chemistry	5
BSC 2010 – Fundamentals of Biology	5
	16 credit hours

Semester Three (Summer)

Course	Credits
MAC 1114 – Trigonometry	3
Area IV – Humanities (** or + recommended)	3
	6 credit hours

Semester Four

Course	Credits
MAC 2311 – Calculus w/ Analytic Geometry	4
PHY 2048 – Physics w/ calculus, or PHY 2053 – General Physics	5
BSC 2011 – Fundamentals of Biology II	5
	14 credit hours

Semester Five

Course	Credits
SPC 1608 – Fundamentals of Speech Communication	3
POS 1041 American Government, or AMH 1020 – American History II	3
Area VI – Diverse Perspectives (+ recommended)	3
STA 2023 – Elementary Statistics	3
	12 credit hours

World language proficiency will need to be met in order to complete a Bachelor of Arts degree, if student has not met 2 years of the same world language in high school, or its equivalent.

Electives: 3 credits (**) from social sciences, humanities, AA electives. Gordon Rule of writing.

International-Intercultural Courses: 3 credits (+) required and may be acquired in social sciences or humanities.

Category A coursework: 3 credit hours of Area III, IV, and IV must be from Category A courses.

Additional entrance requirements, such as GPA minimums, test scores, and diagnostic examinations may apply.

We expect that students transferring in to New College with an AA degree have already completed the equivalent of the introductory biology course sequence and Calculus 1, Physics 1 and lab, and Chemistry 1 and lab.

A Sample 2-Year, Transfer Pathway for Biology

	Fall Term	January / ISP	Spring Term
Year 3	Statistics	Biology ISP (with Biology faculty)	Chemistry 2
	Ecology Lecture		Organismic Biology
	Ecology Lab		Organismic Biology Lab
	Biology elective		Tutorial in Biology
Year 4	Organic Chemistry 1	(Thesis work)	Thesis writing tutorial
	Organic Chemistry Inquiry Lab		Non-intro level Nat Sci lecture
	Cell Biology Lecture		Non-intro level Nat Sci lab
	Cell Biology Lab		

Instructions: Sample 2-Year Pathway

The 2-year pathway is used to show how a student with an Associate's degree could complete the AOC requirements in 2 years.

Students who transfer with an Associate's degree do not have to complete the LAC requirements.

In each cell...

Indicate which AOC courses a student could take in each term to complete the requirements for graduation.