

Required Courses and Recommended Sequence:

The following is a recommended sequence of courses for completing the AA for a major in Chemistry at New College of Florida. Development courses and prerequisite courses requirements, credit load, and/or course availability may affect a student's individual progress. Course availability with the program sequences is specifically intended for full-time students who begin their course work with the fall semester. Students should always consult their online degree planner for the catalog year that they entered the college, and contact their academic advisor to better understand typical course availability and individual program planning.

Degree Pathway- Associate Degree in Arts- 2 year Plan-New College of Florida Chemistry (five semester plan)**Semester One**

ENC 1101- Written Communication	3
MAC 1105- College Algebra	3
CHM 1025c-Introduction to Chemistry	5
Area III, Social Science (suggestion: PSY 2012- General Psychology)	3
	14 credits- semester one

Semester Two

ENC 1102- Written Communication II	3
MAC 1140- Pre-Calculus	3
CHM 2045c-General Chemistry	5
PHY 2053C- General Physics	5
	16 credits- semester two

Semester Three (Summer)

SPC 1608- Fundamentals of Speech Communications	3
MAC 1114, Trigonometry	3
Area IV, Humanities (**+recommended)	3
CHM 2046c-General Chemistry II	5
	14 credits- semester three

Semester Four

MAC 2311-Calculus w/ Analytic Geometry	4
CHM 2210-Organic Chemistry	5
PHY 2054c-General Physics	5
	14 credits- semester four

Semester Five

CHM 2211-Organic Chemistry II	5
Area III, Social Science	3

Area IV, Humanities (**+recommended)	3
MAC 2312-Calculus w/ Analytic Geometry II	4
	15 credits- semester five

Foreign Language will need to be met if student has not met 2 years of the same foreign language in high school

Gordon Rule writing 6 credits of (**) can be used from social sciences/humanities/AA electives

International-Intercultural Courses: 6 credits of (+) required can be with social sciences and/or humanities

Category A coursework: 3credits of Area III, Area IV & Area V must come from Category A

Additional entrance requirements for the major may include specific GPA, test scores and specific diagnostic examinations etc.

A Sample 2-Year, Transfer Pathway for Chemistry *(see note)

	Fall Term	January / ISP	Spring Term
Year 3	Inorganic Chemistry	Chemistry ISP	Physical Chemistry I
	Inorganic Chemistry Laboratory		Physical Chemistry I Laboratory
	Biochemistry I		Elective course
	Calculus III		Elective course
Year 4	Advanced Chemistry (any)		thesis tutorial
	Physical Chemistry II	ISP	Elective 1
	thesis tutorial		Elective 2
	Elective course		

*Note: For this pathway, prior to enrollment at NCF, student must complete General Chemistry I, II and two semesters of lab, Organic I,II, and two semesters of lab, Calculus I, II, and Physics I, II, and two semesters of lab. Calculus III is recommended, but can be completed at NCF. Other pathways may be possible in two years.

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.