

Degree Pathway – Associate in Arts to NCF Chemistry

This Degree Pathway supplements that Memorandum of Understanding between Valencia College (VC) and New College of Florida (NCF) effective as of April 19, 2023.

In the table below, the courses a student completes at VC meet the NCF requirements for a Chemistry area of concentration on a course by course basis. Where no comparable courses exist, the space for the course name is left blank. 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.

VC		NCF equivalent skills/prerequisites
Course	Credits	Course
General Education Curriculum	36	New College Liberal Arts Curriculum (general education)
Communication	12	Communication (Area I)
ENC 1101 English Composition I	3	College Composition
ENC 1102 English Composition II	3	Composition
SPC 1608 Introduction to Public Speaking	3	Public Speaking
SLS 1122 New Student Experience	3	Not equivalent
Humanities	6	Humanities (Area II)
General Education Core Option	3	New College Liberal Arts Curriculum Humanities Course
REL 2300: World Religions	3	New College Liberal Arts Curriculum Diverse Perspectives/Humanities Course
Mathematics	6	Mathematics (Area III)
MAC 2311 Calculus & Analytic Geometry I	4	Calculus w/ Analytic Geometry I
MAC 2312 Calculus & Analytic Geometry II	4	Calculus & Analytic Geometry II
Science (choose 2 courses; one option must include a lab; one option must be a State Core Option)	6	Natural Science (Area IV)
CHM 1045C General Chemistry I w/Lab	4	General Chemistry I w/Lab
CHM 1046C General Chemistry II w/Lab	4	General Chemistry II w/Lab
Social Science	6	Social and Behavioral Science (Area V)
AMH 2020 Modern American History OR POS 2041 American Government	3	AMH 2020 Modern American History OR POS 2041 American Government (civic literacy requirement)
Institutional Social Science	3	TBD
Electives (select from below)	20	
CHM 2210C Organic Chemistry I w/Lab	4	Organic Chemistry I w/Lab (recommended)
CHM 2211C Organic Chemistry II w/Lab	4	Organic Chemistry II w/Lab (recommended)
PHY 2048/L Physics I w/ Lab	4	College Physics I w/Lab
PHY 2049/L Physics I w/ Lab	4	College Physics II w/Lab
Unassigned elective	4	Transfer credit
Unassigned elective	4	Transfer credit

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

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

Valencia College

New College of Florida

DocuSigned by:

By: 

By: 

Title: Dr. Isis Ariz-Vega, Provost

Title: Dr. Bradley Thiessen, Provost