

### Degree Pathway – Associate in Arts to NCF Chemistry

This Degree Pathway supplements that Memorandum of Understanding between Pasco-Hernando State College and New College of Florida effective as of May, 2023.

In the table below, the courses a student completes at PHSC 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.

PHSC		NCF equivalent skills/prerequisites
Course	Credits	Course
<b>General Education Curriculum</b>	<b>36*</b>	<b>New College Liberal Arts Curriculum (general education)</b>
<b>Communication</b>	<b>9</b>	<b>Communication (Area I)</b>
ENC 1101 English Composition I	3	College Composition
ENC 1102 English Composition II	3	Composition
SPC 1608 Introduction to Public Speaking	3	Public Speaking
<b>Humanities</b>	<b>6</b>	<b>Humanities (Area II)</b>
Six hours of general education humanities coursework is required; at least one course must be a State Core Option.	3	New College Liberal Arts Curriculum Humanities Course
HUM 2270 Humanities (East-West Synthesis) OR REL 2300: World Religions	3	New College Liberal Arts Curriculum Diverse Perspectives/Humanities Course
<b>Mathematics</b>	<b>6-10</b>	<b>Mathematics (Area III)</b>
MAC 2311 Calculus & Analytic Geometry I	5	Calculus w/ Analytic Geometry I – Prerequisites MAC 1114 and MAC 1140/Prerequisite for MAC 1114 and MAC 1140 is MAC 1105
MAC 2312 Calculus & Analytic Geometry II	5	Calculus & Analytic Geometry II
<b>Science (choose 2 courses; one option must include a lab; one option must be a State Core Option)</b>	<b>8</b>	<b>Natural Science (Area IV)</b>
CHM 2045/L General Chemistry I w/Lab	4	General Chemistry I w/Lab – CHM 1025 and 1025L and MAT 1033 are pre-requisites for CHM 2045 with Lab
CHM 2046E/L General Chemistry II w/Lab	4	General Chemistry II w/Lab
<b>Social Science</b>	<b>9</b>	<b>Social and Behavioral Science (Area V)</b>
ANT 2000 Introduction to Anthropology OR ECO 2013 Principles of Macroeconomics	3	Introduction to Anthropology OR Macroeconomics
AMH 2020 Modern American History OR POS 2041 American Government	3	AMH 2020 Modern American History OR POS 2041 American Government (civic literacy requirement)
SYG 2000 Introduction to Sociology OR PSY 1012 General Psychology	3	Introduction to Sociology OR Introduction to Psychology
<b>Electives (select from below)</b>	<b>24</b>	
CHM 2210C Organic Chemistry I w/Lab	5	Organic Chemistry I w/Lab (recommended) – This course is 5 credits at PHSC
CHM 2211C Organic Chemistry II w/Lab	5	Organic Chemistry II w/Lab (recommended) – This course is 5 credits at PHSC
PHY 2048/L C Physics I w/ Lab	4	General Physics I with Calculus
PHY 2049/L C Physics I w/ Lab	4	Physics II w/Calculus
Unassigned elective	4	Transfer credit – Recommend removing
Unassigned elective	4	Transfer credit – Recommend removing

\*Total General Education Credits is 42 not 36/Electives are 26 credits

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.

**Pasco-Hernando State College**

By: 

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Title: Timothy L. Beard, Ph.D., President

**New College of Florida**

By: 

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Title: Dr. Bradley Thiessen, Provost