

Degree Pathway – Associate in Arts to NCF Biology

This Degree Pathway supplements that Memorandum of Understanding between Pasco-Hernando State College and New College of Florida effective as of May 1, 2023.

In the table below, the courses a student completes at PHSC meet the NCF requirements for a Biology 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
General Education Curriculum	36*	New College Liberal Arts Curriculum (general education)
Communication	9	Communication (Area I)
ENC 1101 English Composition I	3	College Composition
ENC 1102 English Composition II	3	Composition
SPC 2608 Introduction to Public Speaking	3	Public Speaking
Humanities	6	Humanities (Area II)
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
Mathematics	6	Mathematics (Area III)
MAC 1105 College Algebra	3	College Algebra – Pre-requisite for MAC 1105 is MAT 1033 or appropriate placement test score
STA 2023 Elementary Statistics	3	Elementary Statistics
Science (choose 2 courses; one option must include a lab; one option must be a State Core Option)	8	Natural Science (Area IV) – If BSC 2010/L and CHM 2045/L are the required courses for this pathway the total credits will be 8
BSC 2010/L Biological Science I w/ Lab	4	General Biology I w/Lab – Prerequisite one year of high school biology and one year of high school chemistry
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
Social Science	9	Social and Behavioral Science (Area V)
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
Electives (select from below)	24	
BSC 2011C/L General Biology II w/ Lab.	4	Biology II w/Lab
CHM 2046/L General Chemistry II w/ Lab	4	General Chemistry II w/Lab
MAC 1114 Trigonometry	3	Trigonometry – Prerequisite MAC 1105 or appropriate placement score. Completion of MAC 1140 before MAC 1114 is strongly recommended
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 w/ Analytic Geometry II

PHY 2048/L Physics w/ Calculus I w/ Lab OR PHY 2053/L General Physics I w/ Lab	5 4	College Physics I w/Lab
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*Total General Education Credits is 38 not 36/Electives are 25 – 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

New College of Florida




By: _____

By: _____

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

Title: Dr. Bradley Thiessen, Provost