

Degree Pathway – Associate in Arts to NCF Biology

This Degree Pathway supplements that Memorandum of Understanding between The District Board of Trustees of Miami Dade College, Florida and New College of Florida effective as of ___April 17_____, 2023.

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

MDC		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	
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)	7	Natural Science (Area IV)	
BSC 2010/L Biological Science I w/ Lab	4	General Biology I w/Lab	
CHM 2045/L General Chemistry I w/ Lab	4	General Chemistry I w/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 1011C/L General Biology II w/ Lab.	4	Introduction to Chemistry/Lab	
CHM 2046/L General Chemistry II w/ Lab	4	General Chemistry II w/Lab	
MAC 1114 Trigonometry	3	Trigonometry	
MAC 2311 Calculus & Analytic Geometry I	5	Calculus w/ Analytic Geometry I	
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	

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.

**The District Board of Trustees of Miami Dade
College, Florida**

New College of Florida

Malou C. Harrison

By: [Malou C. Harrison \(Apr 25, 2023 14:39 EDT\)](#)

Title: Dr. Malou C. Harrison, Provost

Brad Thiessen

By: [Brad Thiessen \(Apr 25, 2023 15:40 EDT\)](#)

Title: Dr. Bradley Thiessen, Provost