

Biological Sciences Public Pathways Program

We have partnered with **Nashua Community College** to offer a Pathways Program that allows you to smoothly transition your **NCC** associate degree to a bachelor's degree program at UNH Manchester. This document will help you turn your **A.S. in Biological Sciences** from **NCC** into a **B.A. in Biological Sciences** at UNH Manchester.

Students must take these courses at NCC...	To fulfill these UNH degree requirements...
BIOL 107 – Principles of Biology I ¹	BIOL 413 – Principles of Biology I
CHEM 130 – General Chemistry I ²	CHEM 403 – General Chemistry I
ENGL 101 – College Composition I	Discovery writing skills course
MATH 120 – Pre-Calculus*	MATH 418 – Analysis & Applications of Functions
BIOL 108 – Principles of Biology II	BIOL 414 – Principles of Biology II
CHEM 131 – General Chemistry II	CHEM 404 – General Chemistry II
Discovery-approved humanities elective	Discovery humanities course
MATH 106 – Statistics I ³	PSYC 402 – Statistics in Psychology
BIOL 215 – Microbiology	BMS 503/504 – General Microbiology
BIOL 220 – Ecology	BIOL 541 – General Ecology
PSYC 101 – Introduction to Psychology ⁴	PSYC 401 – Introduction to Psychology
Discovery-approved history elective	Discovery historical perspectives course
Discovery-approved fine arts elective	Discovery fine and performing arts course
BIOL 270 – Advanced Topics in Biology ⁵	BSCI 670 – Clinical Pathophysiology**
BIOL 230 – Genetics	GEN 604 – Principles

Note: See page 3 for information about UNH's Discovery Program courses.

* Taking a higher math is recommended for students who test into MATH 210 – Calculus I. MATH 210 transfers as equivalent to MATH 425 – Calculus I.

** Meets one (1) of four (4) self-designed concentration courses.

1. Fulfills requirements for both the Discovery Program (biological science/DLAB) and the Biological Sciences major at UNH Manchester.
2. Fulfills requirements for both the Discovery Program (physical science/DLAB) and the Biological Sciences major at UNH Manchester.
3. Fulfills the Discovery quantitative reasoning course requirement.
4. Fulfills the Discovery social science course requirement.
5. BIOL 205N – Basic Pathophysiology is recommended. Other advanced topic courses are pending review.

Course titles, names and/or sequencing are subject to change.

Once you've finished your associate degree at NCC, complete the following requirements at UNH Manchester to receive your bachelor's degree.

Major Course Requirements:

600/700-level Biological concentration – four courses

BSCI 701 – Senior Seminar

Capstone (Internship, Research or Independent Study)

Discovery Program* Course Requirements:

Discovery environment, technology and society course

University Degree Requirements:

Elective courses to fill remaining credits required for bachelor's degree (128 total)

University writing requirement**

Two semesters of an introductory foreign language***

* See page 3 for information about UNH's Discovery program.

** Bachelor degree candidates are required to complete four writing-intensive courses, which must include: English 401 – First Year Writing (or equivalent transfer English composition course), and three additional writing-intensive courses, one in the student's major and one at the 600-level or above.

*** Students can fulfill the foreign language requirement by: A) Completing one full year of introductory-level courses in any foreign language, including American Sign Language, as long as they did not study the language for 2 or more years in high school, or B) Completing one semester of an intermediate- or advanced-level foreign language course.



An advisor at UNH Manchester will provide you with the best possible guidance for course selections each term.

Please also note:

- UNH Manchester accepts a maximum of 72 credits in transfer from 2-year institutions. Only courses completed with a grade of C or better will be accepted as transfer credits.
- Students must earn a minimum overall grade point average of 2.50 at NCC to be eligible for dual enrollment at UNH Manchester.

Course titles, names and/or sequencing are subject to change.

The Nashua Community College courses* listed below fulfill UNH Manchester's Discovery Program course requirements:

Writing Skills

ENGL 101N – College Composition
ENGL 110N – Honors Expository Writing

Quantitative Reasoning

CSCI 161N – Intro to Programming Using Visual Basic
CSCI 175N – Intermediate Programming Using C++
MATH 106N – Statistics I
MATH 107N – Honors Statistics I
MATH 115N – Finite Mathematics
MATH 170N – Discrete Mathematics
MATH 206N – Statistics II
MATH 210N – Calculus I
MATH 214N – Honors Calculus I

Biological Science

BIOL 115 – Nutrition

Biological Science/DLAB

BIOL 101N – Germs 101
BIOL 105N – Biology in Focus I
BIOL 106N – Biology in Focus II
BIOL 107N – Principles of Biology I
BIOL 108N – Principles of Biology II
BIOL 111N – Basic Human Anatomy & Phys.
BIOL 130N – Anatomy and Physiology I
BIOL 131N – Anatomy and Physiology II
BIOL 201N – Adv. Anatomy and Physiology I
BIOL 202N – Adv. Anatomy and Physiology II
BIOL 210N – Medical Microbiology

Physical Science/DLAB

ENVS 105N – Earth Science
CHEM 110N – Intro to Chemistry
CHEM 130N – General Chemistry I
CHEM 131N – General Chemistry II
CHEM 135N – Honors Environment in Chemical Perspective
PHYS 101N – Physical Science I
PHYS 102N – Physical Science II
PHYS 115N – Astronomy
PHYS 116N – Meteorology
PHYS 130N – Physics I
PHYS 131N – Physics II

PHYS 230N – Calculus-Based Physics I
PHYS 231N – Calculus-Based Physics II

Environment, Technology & Society

ARTS 111 – Photography & Digital Imaging
ENVS 101N – Environmental Science
SOCI 215N – Sociology of Technology

Historical Perspectives

HIST 101N – Western Civ. Ancient to 17 Century
HIST 102N – Western Civ. Since French Revolution
HIST 110N – Ancient Civ. of the World
HIST 140N – US History Colonial to Reconstruction
HIST 141N – US History since Reconstruction
HIST 210N – The Making of England: 1215-1707
HIST 215N – New Hampshire History
HIST 232N – History of Modern Asia
HIST 241N – American Constitutional History
HIST 246N – Modern America
HIST 260N – History of Multiculturalism
HIST 265N – Latin Amer. History from Independence to the Present

World Culture

ANTH 110N – Cultural Anthropology
ANTH 263N – Intro to Chinese Culture & Society
GEOG 110N – World Regional Geography
SPAN 205N – Spanish III
SPAN 206N – Spanish IV

Fine and Performing Arts

ARTS 101N – Intro to Drawing
HUMA 102N – Art Appreciation
HUMA 103N – Music Appreciation
HUMA 104N – Jazz and Its Roots
HUMA 120N – Intro to Theatre

Social Science

ANTH 105 – Ethnography of Work
ANTH 108N – Intro to Archeology
COMM 101N – Intro to Media Studies

COMM 102N – Principles of Communication
ECON 201N – Microeconomics
ECON 202N – Macroeconomics
GEOG 130N – Human Geography
POLS 101N – Intro to Political Science
POLS 102N – American Gov't and Politics
POLS 210N – State and Local Government
POLS 215N – World Affairs
POLS 220N – American Politics & Mass Media
PSYC 101N – Intro to Psychology
PSYC 130N – Human Relations
PSYC 201N – Human Growth and Development
SOCI 101N – Intro to Sociology
SOCI 201N – Contemporary Social Problems
SOCI 228N – Social Inequalities

Humanities

ENGL 105N – Intro to Literature
ENGL 215N – Literature by American Women
ENGL 220N – Honors Contemporary Dramatic Literature
ENGL 230N – British Literature I
ENGL 231N – British Literature II
ENGL 240N – American Literature I
ENGL 241N – American Literature II
ENGL 255N – Honors Humor in Literature and Other Media
HIST 262N – Movies & Social History of USA
HUMA 101N – Intro to the Humanities
HUMA 107N – World Religions
HUMA 140N – American Cinema
HUMA 145N – American Popular Culture
HUMA 220N – Classic Myths in Western Civ.
PHIL 130N – Honors Ancient Greek Philosophy
PHIL 109N – Intro to Philosophy

Writing Intensive

ENGL 101N – College Composition
ENGL 102N – Writing About Literature
ENGL 105N – Intro to Literature
ENGL 235N – Poetry Workshop
ENGL 250N – Honors Advance Creative Writing



UNH Manchester Bachelor Degree Requirements

To graduate from UNH, students must fulfill course requirements in the following areas: **major** courses, University **Discovery** Program courses and **electives**, totaling 128 credits.

Discovery Program Courses

UNH's Discovery Program builds each student's foundation in general education. To fulfill the Discovery Program, students must take the following courses: one inquiry course¹ (or INQ attribute course); one course in writing skills; one course in quantitative reasoning; as well as one 400- to 600-level course from each of the following Discovery Program categories: Biological Science (BS)²; Physical Science (PS)²; Environment, Technology and Society (ETS); Fine and Performing Arts (FPA); Historical Perspectives (HP); Humanities (HUMA); Social Science (SS) and World Cultures (WC)³

1. The Inquiry requirement shall be waived for students with 26 or more transfer credits.
2. One of these two courses must have a lab component.
3. Also may be satisfied by approved study abroad programs.