

Biological Sciences Public Pathway Program

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

| Students must take these courses at MCC... | To fulfill these UNH degree requirements... |
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| FYC 100 – First Year Cornerstone | No transfer credit |
| ENGL 110 – College Composition I | Discovery writing skills course |
| BIOL 108 – College Biology I | BIOL 413 – Principles of Biology I |
| PSYC 110 – Introduction to Psychology | Discovery social science course |
| HIS 202 – US History Thru 1870 or HIST 204 – US History-1870-Present | Discovery historical perspective course |
| ENGL 120 – College Composition II | Elective credit |
| PHIL 240 – Ethics | Discovery humanities course |
| BIOL 109 – College Biology II | BIOL 414 – Principles of Biology II |
| Discovery-approved fine arts elective | Discovery fine and performing arts course |
| CHEM 115 – Chemistry I | CHEM 403 – General Chemistry I |
| BIOL 110 – Human Anatomy and Physiology I | Elective credit |
| BIOL 201 – Genetics | GEN 604 – Principles of Genetics |
| MATH 171 – Pre-Calculus | MATH 418 – Analysis & Appl of Functions or major requirement |
| CHEM 116 – Chemistry II | CHEM 404 – General Chemistry II |
| BIOL 120 – Human Anatomy and Physiology II | Elective credit |
| BIOL 210 – Microbiology ¹ | BMS 503 – General Microbiology |
| BIOL 220 – Pathophysiology | Elective credit |
| LSCI 299 – Liberal Arts/ Life Science Capstone | Elective credit |

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

1. BIOL 210 – Microbiology must have been taken fall 2014 or later.

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

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

Major Course Requirements:

BIOL 541 – General Ecology

600/700-level Biological Concentration – four courses

Capstone (Internship, Research or Independent Study)

BSCI 701 – Senior Seminar

PSYC 402 – Statistics in Psychology (fulfills Discovery quantitative reasoning course)

Discovery Program* Course Requirements:

Discovery environment, technology and society course

Discovery world cultures course

University Degree Requirements:

Elective courses to fill remainder of 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 64 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 MCC to be eligible for dual enrollment at UNH Manchester.

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

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

Writing Skills

ENGL 110M – College Composition I

Quantitative Reasoning

CIS 118M – Visual Basic Net Programming
 CIS 148M – Java Programming
 CIS 158M – C# Programming
 MATH 170M – Discrete Mathematics
 MATH 200M – Finite Math
 MATH 202M – Probability & Statistics
 MATH 204M – Calculus I

Biological Science

BIOL 106M – Human Body
 BIOL 150M – Nutrition

Biological Science/DLAB

BIOL 101M – General Concepts in Biology
 BIOL 102M – Introduction to Botany
 BIOL 107M – Human Body Lab
 BIOL 108M – College Biology I
 BIOL 109M – College Biology II
 BIOL 110M – Human Anatomy & Physiology I
 BIOL 120M – Human Anatomy & Physiology II
 BIOL 151M – Nutrition Lab
 BIOL 201M – Principles of Genetics

Physical Science

PHYS 105M – Astronomy

Physical Science/DLAB

CHEM 115M – General Chemistry I
 CHEM 116M – General Chemistry II
 ESCI 110M – Earth Science
 PHYS 110M – Physical Science I
 PHYS 120M – Physical Science II

PHYS 135M – College Physics I
 PHYS 136M – College Physics II
 PHYS 210M – University Physics I
 PHSY 220M – University Physics II

Environment, Technology & Society

ENVS 125M – Current Issues in the Environment

Historical Perspectives

HIST 120M – Western Civ. through 1500
 HIST 130M – Western Civ. 1500 to Present
 HIST 202M – US History to 1870
 HIST 204M – US History 1870 to Present
 HIST 205M – History of Russia

World Culture

ANTH 101M – Intro to Anthropology
 HIST 210M – History of China
 HIST 211M – Modern Middle Eastern History

Fine and Performing Arts

ARTS 117M – Art History I
 ARTS 123M – Drawing I
 ARTS 130M – Intro to Art
 ARTS 217M – Art History II
 ENGL 202M – Intro to Drama
 HUMA 105M – Intro to Music
 HUMA 106M – History of American Popular Music

Social Science

ANTH 102M – Intro to Archeology
 BUS 120M – Intro to Communications Media
 ECON 134M – Macroeconomics
 ECON 135M – Microeconomics

GEOG 110M – Geography
 POLS 110M – American Government
 POLS 210M – Intro to Political Science
 PSYC 110M – Intro to Psychology
 PSYC 210M – Human Growth & Development
 SOCI 109M – Contemporary Social Problems
 SOCI 110M – Sociology
 SOCI 250M – Multiculturalism

Humanities

ENGL 200M – Topics in Literature
 ENGL 201M – Survey of Poetry
 ENGL 204M – Children's Literature
 ENGL 207M – Intro to Literary Analysis
 ENGL 218M – Short Story
 ENGL 223M – British Literature I
 ENGL 224M – British Literature II
 ENGL 225M – Shakespeare
 ENGL 230M – American Literature I
 ENGL 235M – American Literature II
 HIST 215M – World Religions
 HUMA 126M – Intro to Film
 HUMA 200M – Film & American Culture
 HUMA 220M – Love in the Western Tradition
 PHIL 110M – Intro to Philosophy
 PHIL 240M – Ethics

Writing Intensive

ENGL 110M – College Composition I
 ENGL 120M – College Composition II
 ENGL 203M – Intro to Journalism
 ENGL 213M – Creative Writing
 ENGL 214M – Creative Nonfiction



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.