



Biological Sciences Public Pathways Program

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

Students must take these courses at GBCC...	To fulfill these UNH degree requirements...
FYE 101 – First Year Seminar	No transfer credit
ENGL 110 – College Composition I	Discovery writing skills course
BIOL 108 – General Biology I ¹	BIOL 413 – Principles of Biology I
HUMA 150 – Critical Thinking	Elective credit
CIS 110 – Introduction to Computers	Elective credit
BIOL 109 – General Biology II	BIOL 414 – Principles of Biology II
CHEM 115 – General Chemistry I ²	CHEM 403 – General Chemistry I
MATH 150 – College Algebra	No transfer credit
Discovery-approved humanities elective ³	Discovery humanities course
Discovery-approved social science elective	Discovery social science course
CHEM 116 – General Chemistry II	CHEM 404 – General Chemistry II
BIOL 210 – Microbiology	BMS 503 – General Microbiology
MATH 210 – Pre-calculus	Elective credit
ENGL 214 – College Composition II	Elective credit
Social science elective or SOC 120 – Environment, Tech. & Society	Discovery environment, technology and society course
BIOL 220 – Genetics	GEN 604 – Principles of Genetics
BIOL 230 – General Ecology	BIOL 541 – General Ecology
CHEM 205 – Biochemistry	BCMB 658/659 – General Biochemistry
Discovery-approved fine arts elective	Discovery fine and performing arts course
Discovery-approved history course	Discovery historical perspectives course

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

1. This course fulfills requirements for both the Discovery Program (biological science) and biological sciences major at UNH Manchester.
2. This course fulfills requirements for both the Discovery Program (physical science) and biological sciences major at UNH Manchester.
3. See page 3 for the list of Discovery-approved electives.

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

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

Major Course Requirements:

Four BIOL 600/700 concentration courses (one concentration course must be writing intensive)

Capstone (Internship, Research, or Independent Study)

BSCI 701 – Senior Seminar (1 credit)

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

Discovery Program* Course Requirements:

Discovery world culture 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 GBCC to be eligible for dual enrollment at UNH Manchester.

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

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

Writing Skills

ENGL 110G – College Composition I

Quantitative Reasoning

CIS 148G – Intro to Java Programming

CIS 158G – Introduction to C++

MATH 170G – Discrete Mathematics

MATH 215G – Finite Mathematics

MATH 225G – Probability & Statistics

MATH 230G – Calculus I

MATH 235G – Statistics for Engineers & Scientists

Biological Science/DLAB

BIOL 101G – Human Disease

BIOL 106G – Human Body

BIOL 108G – Biology I

BIOL 109G – Biology II

BIOL 110G – Human Anatomy & Physiology I

BIOL 120G – Human Anatomy & Physiology II

BIOL 150G – Nutrition

BIOL 160G – Intro to Environmental Science

BTEC 105G – Intro to Biotechnology

Physical Science

CHEM 110G – Introduction to Chemistry

CHEM 115G – General Chemistry

CHEM 116G – General Chemistry II

ECSI 110G – Earth Science

PHYS 135G – College Physics I

PHYS 136G – College Physics II

PHYS 290G – University Physics I

PHYS 295G – University Physics II

Environment, Technology & Society

BTEC 205G – Bioethics

NATR 105G – Sustainable Agriculture & Food Systems

NATR 229G – Contemporary Conservation Issues & Environmental Awareness

SOCI 120G – Society & Technological Change

Historical Perspectives

HIST 120G – Western Civilization thru 1500

HIST 130G – Western Civilization 1500-Pres

HIST 201G – History of New England

HIST 202G – US History thru 1870

HIST 204G – US History 1870 to Present

HIST 212G – US History since 1945

World Culture

ANTH 101G – Intro to Anthropology

HIST 210G – History of China

HIST 211G – Modern Middle East History

Fine and Performing Arts

ARTS 103G – Fundamentals of Acting

ARTS 105G – Introduction to Music

ARTS 117G – Art History I

ARTS 123G – Drawing I

ARTS 124G – Art, Design & Color

ARTS 125G – Visual Language

ARTS 127G – Art History II

ARTS 137G – Contemporary Art History

DGMT 115G – Intro to Graphic Design

Social Science

AMER 110G – Intro to American Studies

ECON 234G – Macroeconomics

ECON 235G – Microeconomics

GEOG 110G – World Geography

POLS 110G – American Government

POLS 210G – Intro to Political Science

PSYC 110G – Intro to Psychology

PSYC 210G – Human Growth & Development

SOCI 110G – Sociology

SOCI 135G – Sociology of Gender

SOCI 250G – Multi-Ethnic Cross Cultural Relations

Humanities

ENGL 117G – Introduction to Literature

ENGL 120G – Introduction to African-American Literature & Culture

ENGL 200G – Film and Society

ENGL 209G – American Literature through the Civil War

ENGL 212G – Sociology of Gender

ENGL 220G – American Literature after the Civil War

ENGL 222G – Major Writers

ENGL 223G – British Literature to 1800

ENGL 224G – British Literature from 1800-Present

ENGL 225G – Plays of William Shakespeare

PHIL 110G – Introduction to Philosophy

PHIL 215G – World Religions

PHIL 240G – Ethics

Writing Intensive

ENGL 110G – College Composition I

ENGL 213G – Creative Writing

ENGL 214G – Introduction to Creative Nonfiction (formerly College Composition II)



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.

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