University of New Hampshire at Manchester

NHTI Concord's Community College

Computer Information Systems Public Pathways Program

We have partnered with NHTI to offer a Pathways Program that allows you to smoothly transition to UNH Manchester. This curriculum map shows you the NHTI course sequence you should follow for seamless transfer into our B.S. in Computer Information Systems at UNH Manchester.

Students must take these courses at NHTI ...	To fulfill these UNH degree requirements...
ENGL 101 – College Composition	Discovery writing skills course
IST 102 – PC Applications [1]	Elective credit
IST 106 – IT Career Topics	Elective credit
IST 140 – Database Design and Management	Major concentration course
IST 151 – Introduction to Networks [2]	Elective credit
MATH 124 – College Algebra	No transfer credit
ENGL 120 – Communications	Elective credit
IST 108 – Personal Computer Hardware and Software [1]	COMP 430 – System Fundamentals
IST 153 – Routing and Switching Essentials	Elective credit
MATH 125 – Finite Mathematics	Discovery quantitative reasoning course
ENGL 285 – Literature, Technology and Culture	Discovery environment, technology and society course
IST 251 – Scaling Networks [2]	COMP 550 – Networking Concepts
IST 280 – Windows Server Operating Systems	COMP 530 – Machine and Network Architecture
IST 293 – IT Career Development	Major concentration course
Information Technology elective	Major concentration course
Discovery-approved social science	Discovery social science course
Discovery-approved biological or physical science	Discovery biological or physical science course
IST 253 – Connecting Networks	Elective credit
IST 263 – Security	Major concentration course
IST 267 – CCNA Voice	Elective credit
IST 294 – Senior IT Internship	Major concentration course
Discovery-approved fine arts	Discovery fine and performing arts course

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

1. Students must earn a C or better in both IST 102 and IST 108 to earn credit for COMP 430.

2. Students must earn a C or better in both IST 151 and IST 251 to earn credit for COMP 550.

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

If you are enrolled in the NH Dual Admission Program and/or plan to finish your associate degree at NHTI, complete the following requirements at UNH Manchester to receive your bachelor's degree.

Major Course Requirements:

COMP 405 – Introduction to Internet and Web Authoring

COMP 425 – Computing Fundamentals

COMP 520 – Database Design and Development

COMP 525 – Data Structures Fundamentals

COMP 560 – Ethics and Law in the Digital Age (also fulfills Discovery humanities course)

COMP 715 – Information Security

COMP 730 – Object-Oriented Software Development

COMP 685 – Professional Development Seminar (1 credit)

COMP 690 – Internship Experience (4 credits)

COMP 790 – Capstone Project

One major concentration course

Three major elective courses

Discovery Program* Course Requirements:

Discovery world cultures course

Discovery biological or physical science course

Discovery historical perspectives course

University Degree Requirements:

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

University writing requirement**

* 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.

> 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 NHTI to be eligible for dual enrollment at UNH Manchester.

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

UNH Manchester's Public Pathways Program qualifies for the THE NEW HAMPSHIRE **DUAL ADMISSION** PROGRAM

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

Writing Skills
ENGL 101C – English Composition

Quantitative Reasoning
CPET 107C – Intro to Programming C++
MATH 125C – Finite Mathematics
MATH 205C – Calculus I
MATH 251C – Statistics

Biological Science
BIOL 125C – Human Genetics and Society

Biological Science/DLAB
BIOL 111C – General Biology I
BIOL 112C – General Biology II
BIOL 115C – Intro to Ecology
BIOL 117C – Intro to Plant Biology
BIOL 120C – Human Biology
BIOL 159C – Personal Nutrition
BIOL 195C – Anatomy and Physiology I
BIOL 196C – Anatomy and Physiology II
BIOL 202C – Microbiology
ENVS 101C – Fundamentals of Environmental Science

Physical Science
GEOL 101C – Essentials of Geology

Physical Science/DLAB
CHEM 103C – General Chemistry I
CHEM 104C – General Chemistry II
CHEM 105C – Chemistry
CHEM 110C – Intro to Biochemistry
CHEM 120C – Intro to Forensic Science
PHYS 133C – Physics I (Algebra-Based)
PHYS 135C – Physics II (Algebra-Based)
PHYS 231C – Physics I (Calculus-Based)
PHYS 232C – Physics II (Calculus-Based)
SCI 104C – Astronomy & Space
SCI 107C – Intro to Meteorology

Environment, Technology & Society
ENGL 285C – Literature, Technology and Culture

Historical Perspectives
HIST 104C – Western Civ.: Antiquity to 1650
HIST 105C – Western Civ.: 1650 to Present
HIST 120C – U.S. History to 1870
HIST 121C – U.S. History 1870 to Present
HIST 131C – World History I (to 1500)
HIST 132C – World History II (1500 to Present)
HIST 221C – New Hampshire History

World Culture
ANTH 101C – Intro to Cultural Anthropology
ANTH 210C – Native American Studies
INDL 120C – Global Public Health Issues

Fine and Performing Arts
DANC 140C – Intro to Modern Dance
VRTS 101C – Intro to Drawing
MUSC 105C – Intro to Music
MUSC 106C – History of Jazz, Blues, Rock & Roll
MUSC 107C – World Music
THTR 110C – Intro to Theatre
VRTS 101C – Intro to Drawing
VRTS 102C – Intro to Visual Arts
VRTS 111C – Survey of Western Art History
VRTS 112C – Survey of Western Art History
VRTS 115C – History of Modern Art

Social Science
ENGL286C/TECP86C – Intro to Linguistics
ENGL 120C – Communications
ENGL 120MC – Communications
ENGL 120WC – Communications
ECON 101C – Macroeconomics
ECON 102C – Microeconomics
POLS 110C – American Government
PSYC 105C – Intro to Psychology
PSYC 220C – Human Growth & Development: Life Span
SOCI 105C – Intro to Sociology
SOCI 205C – The Individual and Society
SOCI 214C – Ethnic & Race Relations

Humanities
ENGL 102C – Intro to Literature
ENGL 121C – Intro to Film
ENGL 125C – Communication & the Literature of Science & Technology
ENGL 150C – Intro to Drama
ENGL 160C – Intro to Poetry
ENGL 210C – British Literature I
ENGL 211C – British Literature II
ENGL 214C – American Lit. Survey I (to 1865)
ENGL 215C – American Lit. Survey II (1865-Present)
ENGL 251C – Contemporary Drama
ENGL 255C – Shakespeare
ENGL 260C – The Novel
ENGL 272C – Modern Short Fiction
ENGL 287C – Women in Literature
ENGL 291AC – Contemporary Latin American Literature
ENGL 291BC – Contemporary Spanish Literature
PHIL 110C – Intro to Philosophy
PHIL 226AC – Comparative World Religions
PHIL 242C – Contemporary Ethical Issues

Writing Intensive
ENGL 101C – English Composition
ENGL 120WC – Communicating Mindfully
ENGL 201C – English Composition
ENGL 295AC – Creative Writing: Fiction
ENGL 295CB – Creative Writing: Poetry
ENGL 295CC – 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 course[1] (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 underlined study abroad programs.

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