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 will help you transfer your **A.S. in Information Technology** – **Networking** 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 103 – Programming with Raspberry Pi [1]	COMP 430 – Systems Fundamentals
IST 106 – IT Career Topics	Elective credit
IST 170 – Introduction to Linux	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]	Elective credit
IST 153 – Routing and Switching Essentials	Elective credit
MATH 125 – Finite Mathematics [3]	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
IST 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 elective	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 103 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.

3. Also fulfills Math requirement in the CIS major at UNH Manchester.

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

UMST 582 – Internship and Career Planning Seminar (1 credit)

COMP 690 – Internship Experience (4 credits)

COMP 790 – Capstone Project

One major concentration course

Three major elective courses

Remaining 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.

NH 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
P R O G R A M

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 approved study abroad programs.

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