

Mechanical Engineering Technology Dual Admission

We have partnered with NHTI to offer a Dual Admission Agreement that allows you to be jointly admitted to both NHTI and UNH Manchester. We make it easy with one application form, one admission process and one application fee.

Complete your associate's degree in Mechanical Engineering Technology at NHTI then seamlessly begin your studies at UNH Manchester toward your bachelor's degree in Mechanical Engineering Technology.

Students must take these courses at NHTI ...	To fulfill these UNH degree requirements
ENGL 101 – English Composition	Discovery writing skills course
MCET 105 – Engineering Design	Elective credit
MFET 111 – Manufacturing and Materials Processing	Elective credit
MATH 124 – College Algebra	No transfer credit
PHYS 133 – Physics I	Discovery physical science course
ENGL 125 – Comm. Lit. of Science and Technology	Discovery humanities course
MCET 150 – Statics and Strength of Materials	Elective credit
MATH 140 – Pre-Calculus	Elective credit
PHYS 135 – Physics II	Elective credit
CHEM 105 – Chemistry	CHEM 403 – General Chemistry I
MCET 250 – Dynamics and Mechanical Design I	Elective credit
MATH 205 – Calculus I	Discovery quantitative reasoning course
Discovery-approved social science elective	Discovery social science course
MCET 205 – Material Science	Elective credit
MCET 229 – Thermodynamics and Heat Transfer	Elective credit
MCET 260 – Mechanical Design II	Elective credit
Discovery-approved fine arts elective	Discovery fine and performing arts course
Technical elective (MFET 231 – Production Systems)	ET 641 – Production Systems

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

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

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

Major Course Requirements:

ET 630 – Analytical Methods in Technology¹

ET 635 – Fluid Technology and heat Transfer

ET 641 – Production Systems (if an elective other than MFET 231 is chosen)

ET 644 – MET Concepts in Design and Analysis

ET 625 – Technical Communications

ET 674 – Control Systems and Components

ET 675 – Electrical Technology

ET 733 – Business Organization and Law

ET 696 – Topics in Mechanical Engineering Technology

ET 751 – Mechanical Engineering Technology Senior Project²

ET 781 – Introduction to Automation Engineering

ET 734 – Economics of Business Activities

COMP 415 – Mobile Computing 1st and 4Most (fulfills discovery environment, technology and society course requirement)

1. ET 630 can be waived if Math 206 – Calculus II, is successfully completed. ET 630 does cover other topics outside calculus and would be beneficial.
2. ET 751 is a two semester Senior Capstone Project.

Discovery Program* Course Requirements:

Discovery environment, technology and society course

Discovery historical perspectives course

Discovery world cultures course

Discovery biological science 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 64 credits in transfer from 2 year institutions. Only those courses completed with a grade of C or better will be accepted in transfer.
- Students must attain a minimum of 128 credits for graduation.

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

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

Writing Skills

ENGL 101C – College Composition

Quantitative Reasoning

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

Biological Science

BIOL 111C – General Biology I
BIOL 112C – General Biology II
BIOL 115C – Intro to Ecology
BIOL 115C – Intro to Plant Biology
BIOL 120C – Human Biology
BIOL 125C – Human Genetics and Society
BIOL 159C – Personal Nutrition
BIOL 195C – Anatomy and Physiology I
BIOL 196C – Anatomy and Physiology II
BIOL 202C – Microbiology
BIOL 212C – Ecology
BIOL 215C – Freshwater Ecology
ENVS 101C – Fundamentals of Env. Science

Physical Science

CHEM 103C – General Chemistry I
CHEM 104C – General Chemistry II
CHEM 110C – Intro to Biochemistry
CHEM 120C – Intro to Forensic Science
GEOL 101C – Essentials of Geology
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
ENGL 291AC – Cont. Lat. Am. Lit.

Fine And Performing Arts

ENGL 150C – Intro to Drama
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 120MC – Communications
ENGL 120WC – Communications
ECON 101C – Macroeconomics
ECON 102C – Microeconomics
POLS 110C – American Government
PSYC 105C – Intro to Psychology
PSYC 220C – Human Growth & Dev.: Life Span

PSYC 225C – Social Psychology
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 – Comm. & Lit. of Science & Tech.
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 221C – Film Genres and Directors
ENGL 221AC – Images of Light
ENGL 221BC – Films of 1962
ENGL 221CC – Amer. Independent Cinema
ENGL 221DC – The Modern Classics
ENGL 221EC – German Expressionism
ENGL 221FC – American Cult. Cinema
ENGL 221GC – Darkness & Light: Film Noir
ENGL 221HC – Alfred Hitchcock
ENGL 221IC – Stanley Kubrick
ENGL 251C – Contemporary Drama
ENGL 255C – Shakespeare
ENGL 260C – The Novel
ENGL 272C – Modern Short Fiction
ENGL 287C – Women in Literature
PHIL 110C – Intro to Philosophy
PHIL 242C – Contemporary Ethical Issues

Writing Intensive

ENGL 101C – College Composition
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 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.