

NJIT

New Jersey's Science &
Technology University

THE EDGE IN KNOWLEDGE

Academic Minors



New Jersey Institute of Technology

WHY TAKE A MINOR?

Minors broaden a student's exposure in an additional subject area, adding to his or her marketability.

HOW MUCH ADDITIONAL TIME IS NEEDED TO TAKE A MINOR?

Minors at NJIT require 15–18 credits in addition to the lower level General University Requirements (GURs).

WHEN DO I CHOOSE A MINOR?

A minor is generally declared any time after a student has completed the first 28 credits in his/her academic career, but at least six months before graduation.

DO I NEED A MINIMUM CUMULATIVE GPA?

Any student in good academic standing may apply to declare a minor.

HOW DO I DECLARE A MINOR?

1. Meet with your academic advisor and minor coordinator.
2. Bring the "Request to Declare a Minor" form signed by the minor coordinator to the Registrar's Office.
3. The Registrar will mail you a copy of the form after processing.

MINORS AT NJIT

Consult with the appropriate minor coordinator for further information about specific minors.

COLLEGE OF COMPUTING SCIENCES

Sarah Vandermark, 4411 GITC
(973) 596-2985, sarah.vandermark@njit.edu

COMPUTER SCIENCE (18 Credits)
CS 114, 280, 332, 431 and two additional courses approved by minor coordinator.

COMPUTER SCIENCE (15 Credits)
Open to computer engineering majors only.
CS 280, 431, 357 or 458 and two additional courses approved by minor coordinator.

INFORMATION SYSTEMS (18 Credits)
CS 114, IS 390, IS 431, IS 465, and two additional courses approved by minor coordinator.

COLLEGE OF SCIENCE AND LIBERAL ARTS

APPLIED MATHEMATICS (16-18 Credits)
Math 222, 244 or 333, 337 and two additional courses approved by minor coordinator.
Prof. David Stickler, 617 Cullimore Hall
(973) 596-3499, dastic@m.njit.edu
Prof. Sheldon Wang, 625 Cullimore Hall
(973) 596-5378, xwang@njit.edu

APPLIED PHYSICS (16-18 Credits)
Phys 234, 231A and four additional physics courses approved by minor coordinator.
Prof. Gordon Thomas, 482 Tiernan Hall
(973) 596-3558, thomasg@njit.edu

APPLIED STATISTICS (16-17 Credits)
Math 222 or 226, and 333, 337, 344 and one additional course in statistics approved by minor coordinator.
Prof. David Stickler, 617 Cullimore Hall
(973) 596-3499, dastic@m.njit.edu
Prof. Sheldon Wang, 625 Cullimore Hall
(973) 596-5378, xwang@njit.edu

BIOLOGY (18 Credits)
R120:101, R120:102, R120:301 and two additional biology courses approved by minor coordinator.
Prof. Jorge Golowasch, 626 Cullimore Hall
(973) 596-5404, jorge.p.golowasch@njit.edu

CHEMISTRY (16-18 Credits)
Five chemistry courses approved by minor coordinator.
Dr. Roumiana Petrova, 366 Tiernan Hall
(973) 642-4076, roumiana.s.petrova@njit.edu

COMMUNICATION (15 Credits)
Five courses in language and communication approved by minor coordinator.
Prof. Christopher Funkhouser, 314 Cullimore Hall
(973) 596-6335, christopher.t.funkhouser@njit.edu

DRAMA/THEATER (15 Credits)
Five upper division courses in drama approved by minor coordinator.
Michele Rittenhouse, 133 Kupfrian Hall
(973) 596-3457, rittenhouse@njit.edu

ECONOMICS (15 Credits)
Five intermediate/advanced economics courses (SS 201, Econ 265 and 266 do not qualify) approved by minor coordinator.
Prof. Zeyuan Qiu, 228 York Building
(973) 596-5357, qiuz@njit.edu

GLOBAL STUDIES (15 Credits)
Five courses with global content, including four upper division courses, approved by minor coordinator.
Prof. Nancy Steffen-Fluhr, 415 Cullimore Hall
(973) 596-3295, steffen@njit.edu

HISTORY (15 Credits)
Five upper division courses, at least four in history, approved by minor coordinator.
Prof. Doris H. Sher, 327 Cullimore Hall
(973) 596-3379, sherd@njit.edu

LEADERSHIP AND AEROSPACE STUDIES
Open only to AFROTC students.
AS 100, 200, 300, 400, plus Leadership Lab and one elective approved by minor coordinator.
Lt. Col. Billie Jean Antes, 208 Faculty Hall
(973) 596-3626, billie.antes@njit.edu

LEGAL STUDIES (15 Credits)
Five law-related upper division courses approved by minor coordinator.
Prof. Doris H. Sher, 327 Cullimore Hall
(973) 596-3379, sherd@njit.edu

LITERATURE (15 Credits)
Five upper division literature courses approved by minor coordinator.
Prof. Nikki Stiller, 413 Cullimore Hall
(973) 596-8549, stiller@njit.edu

PHILOSOPHY/APPLIED ETHICS (15-18 Credits)
Five or six upper division courses in Philosophy and STS approved by minor coordinator.
Prof. Elizabeth Hodge, 410 Cullimore Hall
(973) 596-5724, hodge@njit.edu

SCIENCE, TECHNOLOGY & SOCIETY (15 Credits)
Five upper-division STS courses or substitutes approved by minor coordinator.
Prof. Eric Katz, 316 Cullimore
(973) 596-3270, eric.m.katz@njit.edu

TECHNOLOGY, GENDER AND DIVERSITY (15 Credits)
Five upper division courses in relevant fields approved by minor coordinator.
Prof. Nancy Steffen-Fluhr, 415 Cullimore Hall
(973) 596-3295, steffen@njit.edu

NEWARK COLLEGE OF ENGINEERING

COMPUTER ENGINEERING (16 Credits)
Open to computer science majors only.
ECE 231 or ECE 271, ECE 291, ECE 252, ECE 353, ECE394, ECE 395, ECE 495.
Prof. Edwin Hou, 200 ECE
(973) 596-3521, hou@njit.edu

COMPUTER ENGINEERING (18 Credits)
Open to all other majors except computer science.
ECE 251, CS 114, ECE 252, ECE 353, ECE 394, ECE 395, CS 332 or ECE 495.
Prof. Edwin Hou, 200 ECE Building
(973) 596-3521, hou@njit.edu

ENVIRONMENTAL ENGINEERING (15 Credits)
15 credits chosen from CE 320, CE 321, CE 322, EnE 262, EnE 360, EnE 361, or other courses approved by minor coordinator.
Prof. Taha Marhaba, 233 Colton Hall
(973) 642-4599, marhaba@adm.njit.edu

INDUSTRIAL ENGINEERING (15 Credits)
IE 339, IE 355, IE 349, IE 461, and IE 466.
Prof. George Abdou, 2509 GITC
(973) 596-3651, abdou@njit.edu

MATERIALS ENGINEERING (15 Credits)
ME 215, ME 438, ME 470, ME 471* and ME 490*
(* Non-ME majors can choose courses in their discipline approved by minor coordinator.)
Prof. Ed Dreizin,
314 Mechanical Engineering Center
(973) 596-5751, dreizin@njit.edu

SCHOOL OF MANAGEMENT

Mary Kate Naatus, 3014 Central Avenue Building
(973) 596-8238, mary.k.naatus@njit.edu

MANAGEMENT (18 Credits)
Acct 115, Acct 116, Fin 315, MIS 245, Mrkt 330 and either Mgmt 190 or OM 375.