

# Academic Minors

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## Policy on Academic Minors

A minor consists of a minimum of 15 credits of coursework within a single area of study or across several disciplines. At least six credits of courses that make up the minor must be upper-level courses. Any undergraduate student in good academic standing who also has at least sophomore standing may declare a minor. Students majoring in a program may not earn a minor made up exclusively of courses from that program. In addition, at least nine credits used to satisfy the minor requirements should be counted only toward the minor; in other words, these nine credits should not overlap with requirements for the major or another minor. Also, at least nine credits used to satisfy the minor requirements must be completed at NJIT or Rutgers-Newark if the minor is offered by an academic department federated with Rutgers-Newark. A student can be awarded a minor only when a bachelor's degree is awarded. This policy applies to minors created or updated beginning academic year 2022-2023.

## Ying Wu College of Computing

- Computer Science Minor (<http://catalog.njit.edu/undergraduate/computing-sciences/computer-science/minor/>)
- Data Analytics (<http://catalog.njit.edu/undergraduate/computing-sciences/informatics/data-analytics-minor/>)
- Design of the User Experience Minor (<http://catalog.njit.edu/undergraduate/computing-sciences/informatics/human-computer-interaction-minor/>)
- Business and Information Systems Minor (<http://catalog.njit.edu/undergraduate/computing-sciences/informatics/bis-minor-not-computing-science-majors/>) (not for YWCC majors)
- Business and Information Systems Minor (<http://catalog.njit.edu/undergraduate/computing-sciences/informatics/bis-minor-computing-science-majors/>) (for Computing Sciences majors)
- Game Development Minor ([http://catalog.njit.edu/undergraduate/computing-sciences/informatics/game\\_development\\_minor/](http://catalog.njit.edu/undergraduate/computing-sciences/informatics/game_development_minor/))
- Information Technology Minor (<http://catalog.njit.edu/undergraduate/computing-sciences/informatics/minor/>) (not for YWCC majors)
- Information Technology Minor (<http://catalog.njit.edu/undergraduate/computing-sciences/informatics/minor-computing-science-majors/>) (for YWCC majors)
- Mobile and Web Minor (<http://catalog.njit.edu/undergraduate/computing-sciences/informatics/web-information-systems-minor/>)

## Jordan Hu College of Science and Liberal Arts

- Applied Mathematics Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/mathematical-sciences/applied-mathematics-minor/>)
- Applied Physics Minor (<http://physics.njit.edu/Minor.php>)
- Applied Statistics Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/mathematical-sciences/applied-statistics-minor/>)
- Biological Sciences Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/biology/biological-sciences-minor/>)
- Chemistry Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/chemistry-environmental-science/chemistry-minor/>) (not for Chemical Engineering majors)
- Chemistry Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/chemical-materials-engineering/chemistry-minor-chemical-engineering-majors/>) (for Chemical Engineering majors)
- Communication Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/communication-minor/>)
- Computational Mathematics Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/mathematical-sciences/computational-mathematics-minor/>)
- Electronic Creative Writing Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/electronic-creative-writing-minor/>)
- Environmental Science and Policy Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/chemistry-environmental-science/environmental-science-policy-minor/>)
- Environmental Studies and Sustainability Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/interdisciplinary-programs/environmental-studies-sustainability-minor/>)
- Forensic Science Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/chemistry-environmental-science/forensic-science-minor/>)
- Global Studies Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/global-studies-minor/>)
- History Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/history/minor/>)
- Journalism Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/journalism-minor/>)
- Leadership and Aerospace Studies Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/aerospace-studies/leadership-aerospace-studies-minor/>)
- Legal Studies Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/history/legal-studies-minor/>)
- Literature Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/literature-minor/>)
- Mathematical Biology Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/mathematical-sciences/mathematical-biology-minor/>)

- Mathematics of Finance and Actuarial Science Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/mathematical-sciences/mathematics-finance-actuarial-science-minor/>)
- Philosophy and Applied Ethics Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/philosophy-applied-ethics-minor/>)
- Psychology Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/psychology-minor/>)
- Science, Technology and Society Minor (<http://humanities.njit.edu/academics/undergraduate/>)
- Technology, Gender and Diversity Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/technology-gender-diversity-minor/>)
- Theatre Arts and Technology Minor (<http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities-and-social-sciences/theatre-arts-technology-minor/>)

## Newark College of Engineering

- **Advanced Building Systems Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-sbed/advanced-building-systems-minor/>)**
- Biomedical Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/biomedical/minor/>)
- Biomedical Engineering Technology (<http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-sbld/biomedical-engineering-bmet-minor/>)
- Chemistry Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/chemical-materials-engineering/chemistry-minor-chemical-engineering-majors/>) (for Chemical Engineering majors)
- Climate Change Adaptation and Resilience in Engineering (<http://catalog.njit.edu/undergraduate/newark-college-engineering/civil-environmental/climate-change-adaptation-and-resilience-in-engineering-minor/>)
- Computer Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/electrical-computer/computer-engineering-minor/>) (not for Electrical Engineering or Computer Science majors)
- Computer Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/electrical-computer/computer-engineering-minor-computer-science-majors/>) (for Computer Science majors)
- Computer Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/electrical-computer/computer-engineering-minor-electrical-engineering-majors/>) (for Electrical Engineering majors)
- Drones and Robotics (<http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-seed/drones-and-robotics-minor/>)
- Electrical Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/electrical-computer/electrical-engineering-minor/>) (not for Electrical Engineering or Computer Science majors)
- Electrical Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/electrical-computer/electrical-engineering-minor-computer-engineering-majors/>) (for Computer Engineering majors)
- Engineering Innovation Minor ([http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-seed/engineering\\_innovation-minor/](http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-seed/engineering_innovation-minor/))
- Environmental Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/civil-environmental/environmental-engineering-minor/>)
- Geosystems Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/civil-environmental/geosystems-minor/>)
- Geriatric Engineering Technology Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-semd/geriatric-minor/>)
- Grand Challenges of Engineering Minor ([http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-semd/grand\\_challenges\\_of\\_engineering\\_minor/](http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-semd/grand_challenges_of_engineering_minor/))
- Industrial Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/mechanical-industrial/industrial-engineering-minor/>)
- Manufacturing Engineering Technology Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/technology/manufacturing-engineering-technology-minor/>)
- Materials Engineering Minor (<http://catalog.njit.edu/undergraduate/newark-college-engineering/chemical-materials-engineering/materials-engineering-minor/>)
- Remote Sensing Minor ([http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-sbed/remote\\_sensing\\_minor/](http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-sbed/remote_sensing_minor/))
- Safety Engineering (<http://catalog.njit.edu/undergraduate/newark-college-engineering/saet-seed/safety-engineering-minor/>)

## Martin Tuchman School of Management

- Business Minor (<http://catalog.njit.edu/undergraduate/management/management/business-minor/>)
- Economics Minor (<http://catalog.njit.edu/undergraduate/management/management/economics-minor/>)
- Innovation and Entrepreneurship Minor (<http://catalog.njit.edu/undergraduate/management/management/innovation-entrepreneurship-minor/>)