College of Science and Liberal Arts

The mission of the College of Science and Liberal Arts (CSLA) is to address the complexities of modern life at the intersection of science, technology and human values, and to provide the intellectual foundations necessary to understand and analyze them. CSLA is dedicated to instruction that develops fundamental principles, informed and enriched by research that encourages innovation, enabling students to formulate significant questions, think analytically, offer creative solutions, and communicate them effectively.

CSLA faculty and students are at the forefront of many national research activities, from solar astronomy to mathematical modeling. CSLA provides students with skill sets for professional success that include literacy in the mathematical, physical and biological sciences as well as traditional liberal arts disciplines. CSLA partners with departments throughout the university to explore emerging frontiers and expand interdisciplinary initiatives in such areas as genomics, robotics, mathematical biology, nanotechnology and environmental science.

Programs

- Mathematical Sciences - B.S.

Accelerated Programs (http://catalog.njit.edu/undergraduate/academic-policies-procedures/special-degree-options)

- Chemistry - B.S. for Pre-Professional Students (http://catalog.njit.edu/undergraduate/science-liberal-arts/chemistry-environmental-science/accelerated-bs)
- Communication and Media - B.S./ Medicine, Dentistry, Physical Therapy, and Optometry (http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities/communication-media-accelerated-bs)
- Communication and Media - B.S./J.D. (http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities/communication-media-bs-jd) (with Seton Hall School of Law)
• Pre-Law - B.A./J.D. (http://catalog.njit.edu/undergraduate/science-liberal-arts/history/prelaw-ba-jd) (with Seton Hall School of Law)

Double Majors (http://catalog.njit.edu/undergraduate/academic-policies-procedures/special-degree-options)

• Computer Science and Applied Mathematics - B.S. (http://catalog.njit.edu/undergraduate/computing-sciences/computer-science/cs-math-bs)

• Applied Physics Minor (http://physics.njit.edu/Minor.php)
• 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-biological-pharmaceutical/chemistry-minor-chemical-engineering-majors) (for Chemical Engineering majors)
• Communication Minor (http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities/communication-minor)
• Environmental Studies Sustainability Minor (http://catalog.njit.edu/undergraduate/science-liberal-arts/interdisciplinary-programs/environmental-studies-sustainability-minor)
• History Minor (http://catalog.njit.edu/undergraduate/science-liberal-arts/history/minor)
• Journalism Minor (http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities/journalism-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/literature-minor)
• Technology, Gender and Diversity Minor (http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities/technology-gender-diversity-minor)
• Theatre Arts and Technology Minor (http://catalog.njit.edu/undergraduate/science-liberal-arts/humanities/theatre-arts-technology-minor)

Programs

• Applied Mathematics - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-sciences/applied-mathematics-ms)
• Applied Physics - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/physics/applied-physics-ms)
• Applied Statistics - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-sciences/applied-statistics-ms)
• Biology - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/biology/ms)
• BioStatistics - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-sciences/biostatistics-ms)
• Chemistry - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/chemistry-environmental-science/chemistry-ms)
• Computational Biology - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-sciences/computational-biology-ms)
• Environmental Science - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/chemistry-environmental-science/environmental-science-ms)
• Environmental and Sustainability Policy - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/chemistry-environmental-science/environmental-sustainability-policy-ms)
• History - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/history/ms)
• Mathematical and Computational Finance - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-sciences/mathematical-computational-finance-ms)
• Pharmaceutical Chemistry - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/chemistry-environmental-science/pharmaceutical-chemistry-ms)
• Professional and Technical Communication - M.S. (http://catalog.njit.edu/graduate/science-liberal-arts/humanities/professional-technical-communication-ms)

Programs
• Applied Physics - Ph.D. (http://catalog.njit.edu/graduate/science-liberal-arts/physics/applied-physics-phd)
• Biology - Ph.D. (http://catalog.njit.edu/graduate/science-liberal-arts/biology/phd)
• Chemistry - Ph.D. (http://catalog.njit.edu/graduate/science-liberal-arts/chemistry-environmental-science/chemistry-phd)
• Environmental Science - Ph.D. (http://catalog.njit.edu/graduate/science-liberal-arts/chemistry-environmental-science/environmental-science-phd)
• Mathematical Sciences - Ph.D. (http://catalog.njit.edu/graduate/science-liberal-arts/mathematical-sciences/phd)