

08/09/2024, 06:37 am

## SUNY Polytechnic Institute 100 Seymour Rd, Utica NY 13502 https://sunypoly.edu

SUNY Polytechnic Institute is a globally recognized leader in higher education and technology innovation, research and development. SUNY Poly students enjoy a public-school tuition with the same benefits that many small private institutions boast, including small class sizes, individualized learning experiences, and a tight-knit community. With access to expert faculty and researchers, innovative career preparation, and world-class facilities, SUNY Poly offers unique opportunities.

Masters of Science Nanoscale Engineering						
Program Name	English Language	Duration	Application Fee	Tuition Fee	Intake	Post Study Work Visa
Nanoscale Engineering	IELTS 6  R 6  W 6  S 6  L 6  GPA/% 3	24 Months	USD 60	Yearly USD 21304	January September	STEM Program - Upto 3 Years , Others - 1 Year

## Note:

Nanobiology Engineering and Technology: Design, development and engineering of nanobiological systems, components, and processes. Development and engineering of biomaterials and nano-bio-systems for SOC, nanomedicine, and health applications.

## **Program Description:**

Nanoscale Engineering graduate programs provide students with skill and expertise in the design, fabrication, and integration of nanoscale devices, structures, and systems Nanoelectronics Engineering and Technology: Design, processing, fabrication, testing, and integration of nanoelectronic structures and devices for incorporation in emerging gigascale and terascale integrated circuit systems and architectures. Development of integrated process modules for novel nanoelectronics materials. Optoelectronics and Photonics Nanoengineering: Design, fabrication, testing, and integration of integrated optoelectronic and photonic device structures using compound semiconductors. Testing and hybridization of optoelectronic/photonic devices in system-on-a-chip (SOC) and nano-electr-mechanical system (NEMS) architectures. Spintronics Nanoengineering: Design, fabrication, testing, and integration of spintronic devices structures. Testing and hybridization of spintronic devices

## **Admission Requirement:**

Biomedical Nanotechnology
 Foundations of Nanotechnology
 Nanoelectronics Engineering and Technology Track

<sup>\*</sup> All the above information must be verified with Institution/Country Website



Optoelectronics and Photonics Nanoengineering Track Spintronic Nanoengineering Track Nanosystem Engineering and Technology Track Energy & Environmental Technologies Track Nanolithography Engineering and Technology Track Nanobiology Engineering and Technology Track

<sup>\*</sup> All the above information must be verified with Institution/Country Website