



North Seattle College's

Nanotechnology Program

The Nanotechnology Program at North Seattle College (NSC) is a cross-disciplinary program combining elements of material science, chemistry, biology, physics, engineering, and electronics. With an emphasis on hands-on skills, this program provides graduates with the skills to enter a wide range of materials-based industries.

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Program Options: AAS-T and Certificate

The Nanotechnology Associate of Applied Science (AAS-T) degree is a two-year program that prepares graduates for entry level technician positions in the nano/micro-fabrication industry and related manufacturing industries.

The year-long Nanotechnology Certificate is designed for students who already have work or academic experience in microelectronics, biotechnology, optics or related technical fields and require specialization to pursue a career in nanoscience.

Internships:

NSC Nanotechnology students gain valuable experience in a variety of nanotechnology fields through their internships. In addition, students develop professional contacts with nanotechnology researchers and industry members. Both NSC Nanotechnology Associate's Degree and Certificate program students are required to take two quarters of internship.

Relevant Coursework:

Learn technical skills in the lab you'll use on the job. Core nanotechnology classes have an average of 12 students and are taught by experienced instructors with advanced degrees in chemistry and materials science.

Hands-On Labs:

Every nanotechnology course includes hands-on experience with NSC Nanotechnology's suite of characterization and fabrication instruments in the Nanotechnology Lab.

Personalized Career Advising:

SHINE works exclusively with nanotechnology students on the internship and job search process. In addition, the Nanotechnology program hosts workshops on career development topics throughout the year. Past workshops include technical resume writing, job search strategies and networking skills.

Regional Connections:

Interact with industry professionals at quarterly nanotechnology events, participate in industry lab tours and attend industry panels.

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