INL Internship Categories

INL internships, like its research, span a wide range of science, technology, engineering and math (STEM) fields and other important disciplines. Internship opportunities are posted in various categories based on related sets of research subjects and required skills. Students should apply to all postings that interest them. Sample project descriptions can be found within each job posting. INL is looking for exceptional interns in the following areas:

At the end of each summer, National University Programs hosts its INL Intern Expo to give interns the opportunity to present their summer research projects and educational experiences.

ADVANCED MANUFACTURING TECHNOLOGY

Applicable areas of study: Analytical Chemistry, Biology, Chemical Engineering, Electrical Engineering, Materials Engineering, Mechanical Engineering, Systems Engineering

ADVANCED TRANSPORTATION TECHNOLOGY

Applicable areas of study: Biology, Chemical Engineering, Chemistry, Electrical Engineering, Energy Systems Engineering, Mechanical Engineering

BUSINESS ADMINISTRATION, FINANCE & ACCOUNTING, COMMUNICATIONS*

Applicable areas of study: Accounting, Audit, Business Management, Communications, Finance, HR, Law, Liberal Arts

CLEAN ENERGY TECHNOLOGY, INTEGRATION AND ENVIRONMENTAL SUSTAINABILITY

Applicable areas of study: Anthropology, Biology, Chemistry, Earth and Life Sciences, Ecology, Economic Analysis, Electrical Engineering, Energy Policy, Environmental Engineering, Geology, Hybrid Energy, Hydrology, Industrial/Systems Engineering, Intelligent Systems Engineering, Manufacturing Engineering, Materials Science, Mechanical Engineering, Nuclear Engineering, Power Engineering, Renewable Energy

CRITICAL INFRASTRUCTURE PROTECTION (ELECTRICAL GRID AND WIRELESS TECHNOLOGIES)

Applicable areas of study: Computer Science for Resilience, Critical Infrastructure, Cryptography, Electrical Engineering, Industrial Control Systems, Mechanical Engineering, Physical and Cybersecurity, Power Engineering, Signal Propagation, Vulnerabilities

Idaho National Laboratory

CYBERSECURITY*

Applicable areas of study: Computer Science for Network Security, Digital Manufacturing, Electrical Engineering, Embedded Control Systems, Intelligent Control Systems, Threat Analysis

ENGINEERING SERVICES (FACILITIES, MAINTENANCE, OPERATIONS AND APPLIED ENGINEERING)

Applicable areas of study: Drafting, Electrical Engineering, Environmental Engineering, Fabrication and Welding, Facility Engineering, Industrial Engineering, Manufacturing, Mechanical Engineering, Power Engineering, Project/Construction Engineering, Safety Engineering, Weld Engineering for Prototype Shop

ENVIRONMENTAL SAFETY, HEALTH AND QUALITY

Applicable areas of study: Anthropology, Environmental Engineering, Fire Protection Engineering, Geology, Health Physics, Industrial Engineering, Quality Engineering, Safety Engineering

HIGH PERFORMANCE COMPUTING

Applicable areas of study: Chemical Engineering, Computational Sciences for Materials, Energy Storage, Energy Technology, Engineering, Fluid Dynamics, Nuclear Engineering, Physics, Seismic Engineering, Structural Engineering, Vehicle Technology

INFORMATION MANAGEMENT

Applicable areas of study: Computer Science, Cybersecurity, Data Analytics, Information Management/Technology, Software Development, Software Engineering, Web Development

NATIONAL AND HOMELAND SECURITY PROGRAMS SUPPORT*

Applicable areas of study: Business, Communications, Computer Science, Cybersecurity, Emergency Preparedness, Geology, GIS, Homeland Security, International Security, Public/International Policy, Technical Writing

NUCLEAR FUELS AND MATERIALS

Applicable areas of study: Chemical Engineering, Chemistry, Civil/Structural Engineering, Materials Science and Engineering, Mechanical Engineering, Metallurgical Engineering, Nuclear Engineering, Physics

NUCLEAR FUEL MANAGEMENT, RECYCLING AND DISPOSAL

Applicable areas of study: Analytical Chemistry, Chemical Engineering, Chemistry, Geology, Materials Engineering, Metallurgical Engineering, Radiochemistry

NUCLEAR NONPROLIFERATION*

Applicable areas of study: Analytical Chemistry, Chemical Engineering, Forensics, Geology, Materials Science and Engineering, Nuclear Engineering, Public/International Policy

NUCLEAR POWER PLANT SAFETY SYSTEMS

Applicable areas of study: Computer Engineering, Electrical Engineering, Human Factors, Mechanical Engineering, Nuclear Engineering, Psychology, Statistics

NUCLEAR REACTOR DESIGNS

Applicable areas of study: Electrical Engineering, Future Reactor Design and Construction, Life Extension of Current Plants, Mechanical Engineering, Modular Reactors, Nuclear Engineering, Physics, Space Technology

** Based on the nature of these internships, U.S. citizenship is typically required.*

Areas of study listed above are intended to be examples and may not be all-inclusive.

inl.gov/careers

Battelle Energy Alliance manages INL for the U.S. Department of Energy's Office of Nuclear Energy.

FOR MORE INFORMATION

www.inl.gov

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