Boeing Engineering Intern Program—Specialty Engineering

	Primary Responsibilities	Preferred Majors	Available Sites*
Environmental/ Health and Safety	▪ Collect, review, and analyze environmental data. ▪ Assist in preparation of environmental risk analysis. ▪ Assist in design, selection, and operation of equipment to minimize hazards, ensure compliance, and reduce costs. ▪ Assist in design, development, implementation, and monitoring of environmental, health, and safety management systems, processes, and initiative programs to minimize risk.	Environmental	Seattle, WA, area
Quality	▪ Assist with root cause analyses. ▪ Use basic statistical methodologies to ensure that specified levels of process capability are achieved, maintained, or improved. ▪ Participate in the review of designs for manufacturability, producibility, and inspectability.	Electrical, Manufacturing, Mechanical, Systems, Aerospace	
Facilities	▪ Assist in developing basic conceptual designs, final designs, design criteria, and estimates and provide maintenance support for all phases of the building's systems, including material selections and equipment installations. ▪ Ensure and align internal and architectural and engineering designs with customer requirements, building codes and applicable regulations.	Civil, Structural, Mechanical, Electrical, Architecture, Chemical, Industrial	Southern California; St. Louis, MO; Seattle, WA, area
Equipment	▪ Assist in development and review of specifications, conceptual and final designs, and cost estimates and provide maintenance support for the procurement or modification of equipment systems (e.g., vehicles, cranes, work stands, flight line equipment, material handling). ▪ Verify that all equipment and its installation is documented, including hardware, software, and the configuration of equipment.	Mechanical, Electrical, Chemical	
Security Technical Operations	▪ Assist in engineering intrusion detection and access control systems as well as researching new security technologies	Electrical	Seattle, WA, area
Applied Math and Computer Science Engineering	▪ Assist in research in system data processing, intelligent analysis, and data/information analytics.	Computer Science, Math, Software Engineering	Huntsville, AL; Charleston, SC; St. Louis, MO; Seattle, WA; Philadelphia, PA

*Site availability is subject to change.