



R&D Co-op Program

Providing industry experience to students

About BD Urology and Critical Care (UCC)

Becton Dickinson (BD) is one of the largest global medical technology companies in the world and is advancing the world of health by improving medical discovery, diagnostics and the delivery of care. Our UCC business unit is headquartered in Covington, GA, about 35 miles east of Atlanta. The building houses the design center for three distinct product platforms:

Endourology, Acute Care, and Home Care. Activities for new product development, sustaining engineering, and analysis of existing products are performed on site by a wide variety of **cross-functional associates**. Additionally, access to subject matter experts across the globe is available through BD's extensive network.



Co-Op Program Opportunity

The Research and Development (R&D) Co-Op program is designed to provide exposure to multiple disciplines and product lines within the UCC R&D function. The R&D Co-Op participant will learn the business and be a **contributing member** on the assigned project while gaining valuable experience toward their future career. Upon completion of the program, an R&D Co-Op participant will have gained **real-world experience** and contributed to the design and development of a medical device.

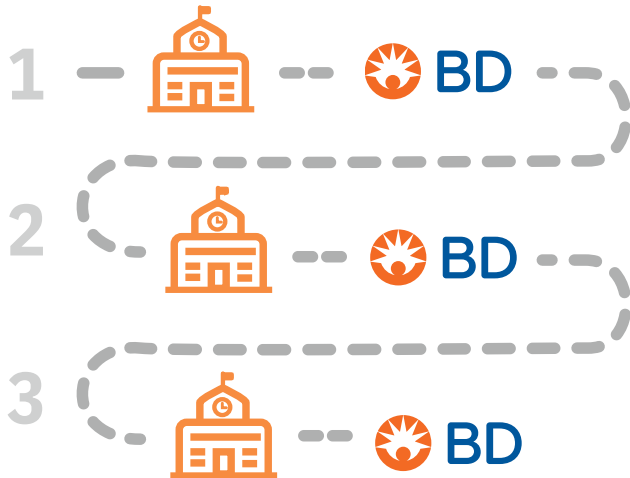
UCC has many ongoing projects in development and generally there are **4-5 R&D Co-Ops in each rotation**. Each R&D Co-Op has a separate Rotation Manager and project. There are also many opportunities for **training sessions, seminars, tours, and to share learnings** and responsibilities with other R&D Co-Ops to gain added value and knowledge.



Program Structure

Participants gain exposure to various R&D areas

The co-op program is ideally experienced **through three rotations** to achieve full exposure to our products, processes, and associates. Participants gain exposure to **multiple product platforms, various project types** (new product development, innovation, and sustaining engineering) and several **project phases** (idea, concept, development, qualification, and launch) after experiencing three rotations. Typically, the co-op rotations start in the student's second year and then the **student alternates between semesters of work and school**. Consecutive work semesters are also an option.



Targeted Co-Op Experiences

- Verification testing and test method development
- Design Controls
- Understanding phases of a project
- Understanding differences between New Product Development and Sustaining Engineering
- Application of Solidworks to design tools and fixtures
- Manufacturing methodologies
- Metrology and other measurement types
- Generating drawings and using rapid prototyping for conceiving
- Voice of Customer and user studies
- Good documentation practices

Rotation activities

No matter what the particulars of the rotation entail, the following activities and deliverables will generally apply.

Start of rotation

- Meet with the Rotation Manager to set expectations
- Set goals for the semester
- Complete training similar to entry-level associates in R&D

Throughout the rotation

- Participate in cross-functional meetings with other associates
- Contribute towards the development of a medical device
- Utilize supervisor and colleagues as mentors
- Seek out opportunities with other projects and associates
- Attend training, lunch & learns, and company meetings & events
- Gain insight into career opportunities at UCC and across BD

End of rotation

- Complete and transition assignments and/or projects
- Give a presentation to functional and franchise leaders
- Review performance with Rotation Manager
- Provide feedback to co-op Program Manager

Requirements

High-potential enthusiastic students enrolled in a BS degree program in science or engineering, preferably BME, ChemE, IE, ME, EE, Software Engineering or MSE.

Ready to apply?

 Go to bd.com/careers and search "R&D Co-op" located in Covington, GA

