

Roles BME students take in their organizations?

Job Title	Description
Co-ops and Interns	3 rotation co-op or 4 month internship
Product Development Engineer I	Design Engineer Level 1
Product Development Engineer II	Design Engineer Level 2
Test Engineer	Conduct testing in the lab
Quality Engineer	Responsible for Quality Assurance and Regulatory Compliance
Program Manager	Program Management
CEO	Chief Executive Officer

What technical skills do they look for in BME students?

“One of the biggest problems I have when I interview a BME is that they do not know what they like, whether it be mechanics, electrical, research, medicine, etc. I want to know what they are interested in doing within the company.”

“BMEs in all concentration should be required to take 100 and 200 level classes in the actual department of interest. For example, a biomechanics concentration student should be required to take the same 100 and 200 level classes as mechanical engineers such as statics and dynamics. Chemical should be required to take beginner chemical engineering classes and so on. Instead BME’s take watered down BME versions of the foundational classes, which really hurts them.”

“Specific software and tools can be learned on the job if the soft skills are there. However, these foundational classes are essential.”

What soft skills do they look for in BME students?

“I have found that all of the BME’s I have hired have great soft skills. I look for people who are team players, have good communication and problem-solving skills.”