

Kelly Crumley is a student in BME and doing a minor in Computer Sciences. She is so enthusiastic of learning engineering, math and science. That encouraged her to choose engineering school and especially BME. She thinks that BME is a unique department and has lots of opportunities for applying engineering basics to real life. She had engineering experience in her high school as she involved in robotics. -She is emphasizing that robotics is her extracurricular-. She wants to incorporate her passion about robotics in human body and make a related project with it. She is playing golf and mentoring high-school students on robotics. She also a part of Michigan engineering zone, SWE and BME to meet people in the same track, find research and job opportunities, and get help for her classes. Being said that she had a chance to meet one of BME grad students in mentoring program that provide her a position in a research lab. She got more excited about her classes after involving real research and she feels that this helped her to understand the concept of the class more. The classes that she takes now mostly required classes for BME and her minor computer science. Even though, she is taking pre-requisites, she does not think they reflect the real BME courses and she is not sure how these pre-reqs will be involved in applications. She is taking 3 courses this term including differential equation (Math 450) and material science (MATSCI 250). She is so happy take MATSCI 250 as she thinks this is the only course that reflects BME interdisciplinary. This course is offered not only to BME students but also to mechanical and chemical engineering students. She believes that even the diversity of the students gives the inside of possible applications in BME. She is willing to have a course that shows interdisciplinary approach in biomedical applications and more hands-on activities related to course to understand the material better. While she thinks that grades are important for finding a job and good education, learning the concept is more important. As expected she wants to move on to get a job that involves in lab research and computer programming but her biggest goal to make an impact to the research.