

Jane is a 2nd year BME student at the University of Michigan. She recently transferred to the CoE from LSA and chose BME as a major because she felt the field gave her more options beyond simply a pre-med track. Jane also sees BME as a rapidly growing field and the perfect union of several subjects that interest her, such as chemistry, physics, and biology. She is a little unsure of her exact path forward, but can foresee a future in medical school to become a physician or graduate school to continue her BME education. If she decides to stick to BME as a career, she feels it is necessary to pursue a graduate degree at either the Master's level to make her more marketable in the job force or the Doctorate level to allow her a deeper dive into her clinical research passions—prosthetics and genetic engineering. To this point, she finds her experience with real-world applications to be most exciting. In fact, if there was one word to describe Jane's wants and desires, it would be "applications"! With that in mind, Jane says her biggest disappointment to date is a feeling of being far removed from actually doing something related to BME and/or the healthcare field in her courses and also feels a general lack of career development opportunities. However, now that she is taking actual BME courses, she is quite excited for what lies ahead. Jane is looking forward to continued involvement in the Michigan Health Engineered for All Lives (M-HEAL) student organization, in which she is a very active and engaged participant. She hopes her hands on, project-based experiences in M-HEAL will soon be replicated in her coursework, as active, hands on learning experiences have served her best in giving her a sense of investment and engagement in her work. Having experienced arduinos in EECS 183 (intro to computer science and programming), she would love a deeper dive into using such hardware applications to solve complex biomedical engineering problems. However, she is, at this time, unsure of what specific software/hardware applications and skills may be of most use to her. In summary, Jane feels positively about her decision to pursue an undergraduate major in BME and wishes she could dive into more major-specific, applications-based coursework as soon as possible.



Jane Likes:

- Applications!
- M-HEAL
- Variety of career options



Jane Dislikes:

- Lack of early career dev. opps
- Removed from actually doing something



Rec'd Cuts:

- Biochemistry



Rec'd Adds:

- Earlier BME courses
- Hands on applications
- Consideration for exam schedules