

Study Abroad Advice for BME Students

BME students who are interested in study abroad, typically pursue one of the following two options: study abroad during fall quarter of junior year, or study abroad with the Global Health Technologies Program in Cape Town, South Africa. Below is course-sequencing advice for both options.

Study Abroad during fall quarter of junior year

If you plan to study abroad during the fall quarter of your junior year, the key class you need to be concerned about is BME 305, a course typically taken in the fall of junior year. BME 305 is a prereq for BME 306. BME 306 is a prereq for BME 307, and BME 307 is a prereq for BME 390-1, so it's important to complete BME 305 (or a replacement course) before you go on study abroad. Your options are:

- 1) Take ME 233 (no prereqs) in the fall of your sophomore year. You can then carry on with BME 306 and BME 307 during your sophomore year or wait to continue that sequence during your junior year.
- 2) Take BME 305 in the fall of your sophomore year. In order to do that, you need to take the prereq of Phys 135-2 as a freshman (fall or winter or summer). You can then carry on with BME 306 and BME 307 during your sophomore year or wait to continue that sequence during your junior year.
- 3) Take EECS 202 any quarter during sophomore year as a replacement for BME 305. You can then carry on with BME 306 and BME 307 during your sophomore year or wait to continue that sequence during your junior year.

Most juniors also take BME 301 during the fall of junior year, but BME 301-302-303 is not a sequence. You can take BME 301 in the fall of sophomore or senior year. It would be best for you to take BME 220 during the fall of your sophomore year, although there is some flexibility on this one.

Global Health Technologies Program in Cape Town, South Africa

Students who go on this program do so during the winter quarter of their senior year. If you are interested in this program, the key class you need to be concerned about is BME 350 Transport Fundamentals (soon to be renumbered to BME 378). BME 350 is a required course offered only during the winter quarter, so if you are considering this program, take BME 350 during the winter quarter of your junior year.

The courses you will take in the Global Health Technologies Program are listed below along with how they will count toward your requirements:

Course #	Course Title	Use	Eng topics
BMD_ENG 391-SA	Healthcare Technology Innovation and Design	Biomedical Engineering Design (BME 390-2)	1
BMD_ENG 388-SA	Healthcare Technology in Resource Poor Environments	Can count as 1 BME technical elective	0.5
BMD_ENG 389-SA	Healthcare Technology Assessment and Planning	Can count as 1 BME technical elective	0.5
GBL_HLTH 314-SA	Health and Community Development in South Africa	General Credit (can count as theme HSV or SBS)	0