

Department of Biomedical Engineering

AY 2022-23

Doctoral Degree Plan of Study

| STUDENT INFORMATION | allowable tim | | rs. <i>MS/PhD a</i> | nd MD/PhD | r to five (4-5) years, w students are required mpletion. | | |
|----------------------------|--|---|---------------------|-----------|--|---------------------|--|
| Name: | ID Number: | | | | Email: | | |
| Degree:MS/F | /PhDPhDMD/PhD Advisor: | | | | | | |
| Term Expected to A | dvance to Candida | acy: Fall Winter | | Spring | Summer_Year | | |
| Term Expected to Graduate: | | FallWinter | | Spring | Summer_Year | | |
| DEGREE REQU | IREMENTS | | | | | | |
| Year 1 | Complete core a exam; match wi | | | | ast two lab rotatior | ı; pass preliminary | |
| Quarter | Course # | | Units | | | | |
| Fall | BME 210 | Molecular and Cell Engineering | | | | 4 | |
| | BME 220 | Sensory Motor Systems | | | | 4 | |
| | BME 230A | Applied Engineering Math I | | | | 4 | |
| | BME 298 | Seminars in BME | | | | 2 | |
| | BME 299 | Individual Research (Lab Rotation) | | | | 2 | |
| Winter | BME 221 | Organ Transport Systems | | | | 4 | |
| | BME 230B | Applied Engineering Math II | | | | 4 | |
| | BME 298 | Seminars in BME | | | | 2 | |
| | BME 299 | Individual Research (Lab Rotation) | | | | 2 | |
| | BME 2xx | Graduate Level Elective Course | | | | 4 | |
| Spring | BME 240 | Introduction to Clinical Medicine for BME | | | | 4 | |
| | BME 298 | Seminars in BME | | | | 2 | |
| | BME 297 | PhD Dissertation Research | | | | 4 | |
| | BME 2xx | Graduate Level Elective Course | | | | 4 | |
| Year 2 | Complete two graduate level elective courses with approval of advisors; research; form graduate advisory committee; pass qualifying exam | | | | | | |
| Quarter | Course # | Course Title | | | | Units | |
| Fall | BME 298 | Seminars in BME | | | | 2 | |
| | BME 297 | PhD Dissertation Research | | | | 14 | |
| Winter | BME 298 | Seminars in BME | | | | 2 | |
| | BME 297 | PhD Dissertation Research | | | | 14 | |
| Spring | BME 298 | Seminars in BME | | | | 2 | |
| | BME 297 | PhD Dissertation Research | | | | 14 | |
| | BME 2xx | Graduate Level Elective Course | | | | 4 | |
| | BME 2xx | Graduate Level Elective Course | | | | 4 | |
| Year 3 & 4 | Research; prese | | | | r series | | |
| Year 5 | r 5 Research; complete dissertation; pass final examination | | | | | | |