TO: Emily Day, Biomedical Engineering Graduate Director
Biomedical Engineering Graduate Program
FROM: Professor Velia M. Fowler, Chair, Department of Biological Sciences
DATE: December 16, 2020
RE: BME Graduate Program Core Courses and Electives, Letter of Support

The Department of Biological Sciences will support the following **required** courses for inclusion in the Ph.D. in Biomedical Engineering (BME), to accommodate up to 5 BME students/class.

- BISC 605 Advanced Mammalian Physiology I
- BISC 606 Advanced Mammalian Physiology II

The Department of Biological Sciences will support the following **elective** courses planned in AY 2021-22 for inclusion in the Ph.D. in Biomedical Engineering.

- BISC 602 Molecular Biology of Animal Cells
- BISC 609 Molecular Biology of the Cell (cross-listed as BISC401)
- BISC 612 Advanced Cell Biology
- BISC 615 Developmental Biology
- BISC 625 Cancer Biology
- BISC 639 Developmental Neurobiology
- BISC 654 Biochemical Genetics
- BISC 682 Bacterial Pathogens: Molecular Mechanisms
- BISC 690 Fundamentals of Pharmacology

We anticipate offering these courses in AY 2021-22, but offerings may vary depending on unexpected constraints on Departmental resources.

The department looks forward to the BME graduate program’s continued success.

Best regards,

Velia M. Fowler, Ph.D.