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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.