

6.3 Typical PhD Curricula

Typical Curriculum¹ for Biophysics, Structural Biology and Biomathematics (BSBB)

First Year - Fall	First Year - Spring	Second Year
Core I: Biochemistry and Molecular Biology (G300)	Core II: Cell and Developmental Biology (G305)	Students need a total of 6 credits. At least three credits of advanced BSBB courses and remainder credits from any advanced course recommended by the advisor and approved by the training area directors. ²
Laboratory Rotation (G310)	Laboratory Rotation (G311)	BSBB Journal Club
Responsible Conduct of Research (G312)	Introduction to Journal Club II (G316)	
Introduction to Journal Club I (G315)	Core III: Survey of Biophysics, Structural Biology and Bioinformatics (G390)	BSBB Seminar
Biostatistics (G320)	Methods in Biomedical Sciences (G395)	Independent Research
Dean's Seminar (G591)	Dean's Seminar (G592)	

¹ The Advisory Committee may recommend additional courses, based on the student's needs and area of interest.

² Courses that can satisfy the second year course requirements

- Methods in Molecular and Cellular Biophysics
- Biophysics of Membrane and Membrane Proteins
- Biophysics of Proteins and Nucleic Acids
- Probability Theory for Biomedical Problems
- Computational Molecular Biology
- Conceptual Foundations of Biostatistical Inference
- Cellular Physiology and Ion Channels