

BIOMEDICAL SCIENCES & BIOTECHNOLOGY
Program Plan: Structural Biology & Biochemistry (BSBT-SBB)

2026/2027 Curriculum:
REQUIRED COURSES, 38 credits^{\$}

Course Number	Course Title	Credits
Fall I (12 cr)		
BSBT 6072 – 6075	BSBT 6072: Foundations in Biochemistry [8/31-9/18; MTuWThF] BSBT 6073: Foundations in Molecular Biology [9/21-10/16; MWF] BSBT 6074: Foundations in Cell Biology [10/19-11/13; MWF] BSBT 6075: Foundations in Genetics [11/16-12/11; MWF]	Fall 1.5 cr. each, 6 cr. total
BSBT 6076*	Research Explorations (2-3 rotations): Choose Fall I	2 cr.
STBB 7660	Structure Seminar	1 cr.
BMSC 7810	Core Topics A: Structural Biology [11/6-11/25]	2 cr.
BMSC 7810	IDPT 7810 Core Topics B [11/30-12/17] OR Elective [%] [OR Research BSBT 6950]	2 cr. each
Spring I (8.5-11.5 cr)		
STBB 7608	Molecular Interactions	3 cr.
STBB 7609	Biophysics and Spectroscopy (Theory)	1.5 cr.
STBB 7660	Structure Seminar	1 cr.
BSBT 6068*	Laboratory Research SBB (5 hrs per week/per credit) (Credits can vary from 3-6)	3-6 cr.
Summer I (2-5 cr)		
BSBT 6065	Case Studies in RCR	1 cr.
BSBT 6068	Laboratory Research SBB	1-3 cr.
Fall II (7-10 cr)		
STBB 7631-4 [#]	Special Topic in Structural Biology	1.5 cr. each, total 3 cr.
STBB 7660	Structure Seminar	1 cr.
BSBT 6068	Laboratory Research SBB (Credits can vary from 3-6)	3-6 cr.
Spring II (5-10 cr)		
BSBT 6950	Laboratory Research SBB Thesis (Credits can vary from 3-6)	3-6 cr.
STBB 7660	Structure Seminar	1 cr.

^{\$} If 38 credits have not been accumulated by Spring II, graduation (Thesis) can be deferred to Summer II, with additional BSBT 6068 and BSBT 6950 credits earned during that summer

* Can be swapped after consultation with SBB director, e.g. to find another lab

[%] BSBT-SBB electives can be chosen from the list of electives that is posted for BSBT-GEN

[#] Can be replaced by BSBT-GEN Elective (e.g. programming); discuss with Program Plan Director