

MBSE course requirements approved February 2020

Table 1. Core Courses

Class	Class Title	Units
MBSE 210*	Structure of Materials	4
MBSE 211*	Materials Properties	4
MBSE 212*	Thermodynamics and Kinetics.	4
MBSE 291	Research Seminar Series	1 (each year of academic residence)
MBSE 294	Responsible Conduct of Research	1
MBSE 295	Graduate Research	At least 8

* These three courses will provide the core Materials Science curriculum and will provide the basis for an examination which will be given once a year (toward the end of the year).

Elective Courses

Electives are selected courses from MBSE or other groups in SNS or SOE, and approved by the advisor. One 100-level course may be used to meet the electives requirement as long as at least a minimum (see table below) are earned in 200-series graduate-level courses exclusive of credit given for thesis research and preparation (MBSE 295 and MBSE 292 may not be used for this minimum).

Table 2. Units requirements by degree

Degree	200-series graduate-level courses**	Total units requirement***
Masters Plan I	20	24
Masters Plan II (non-thesis)	24	30
PhD	20	24

** May not include MBSE 292, MBSE 295 or any course directly related to research. Is expected to include MBSE 294 and one or two units of MBSE 291.

*** May include a 100-level course and/or MBSE 292, MBSE 295, etc.