

DOCTOR OF PHILOSOPHY IN CHEMISTRY

Department of Chemistry (<https://catalog.mit.edu/schools/science/chemistry/#graduatetext>)

Program Requirements

General Coursework

Select 48 units of graduate-level subjects in consultation with the advisor. ^{1, 2, 3}	48
5.90 Problems in Chemistry ⁴	2
5.91 Teaching Experience in the Chemical Sciences ⁵	36
Select one of the following seminar subjects each fall and spring term: ⁶	10
5.913 Seminar in Organic Chemistry	
5.921 Seminar in Chemical Biology	
5.931 Seminar in Physical Chemistry	
5.941 Seminar in Inorganic Chemistry	
Thesis	
5.THG Graduate Thesis ⁷	516
Total Units	612

Note: Students in this program can choose to receive the Doctor of Philosophy or the Doctor of Science in Chemistry. Students receiving veterans benefits must select the degree they wish to receive prior to program certification with the Veterans Administration.

¹ See Chemistry subjects (<https://catalog.mit.edu/subjects/5>).

² This represents the typical number of units.

³ Inorganic chemistry students may take 5.04 Principles of Inorganic Chemistry II as part of this requirement.

⁴ During their first two terms, students enroll in at least 1 unit each term.

⁵ Students take two terms of 5.91, registering for at least 18 units each term when teaching.

⁶ The seminar units are based on the average duration of the PhD program (five years) but will vary depending on how long the student remains in the program.

⁷ The seminar and thesis units are based on the average duration of the PhD program (five years) but will vary depending on how long the student remains in the program. After the first year, students typically register for 42 units of 5.THG during the fall and spring terms (45 units in summer).