
DOCTORAL DEGREE REQUIREMENTS

General policies for all University of Oklahoma doctoral programs are available in the [Graduate College Bulletin](#).

DOCTOR of PHILOSOPHY

D170/R354

MAJOR: Chemistry and Biochemistry

CONCENTRATION: Inorganic Chemistry

Program effective **Summer 2023**

COURSEWORK REQUIREMENTS

REQUIRED COURSEWORK

- CHEM 5090 Departmental Colloquium (continuous enrollment required)..... 0 hours
- CHEM 5011 Fundamentals I..... 1 hours
- CHEM 5021 Fundamentals II..... 1 hours
- CHEM 5080 Laboratory Rotations 2 hours
- CHEM 5391 Seminar in Inorganic Chemistry..... 1-12 hours
Continuous enrollment in 5391 is required after the first semester, up to 12 credits or 90 total degree credit are reached.
- Total..... 5-16 hours**

CORE COURSES

Enrollment in any combination of the following 3 courses to equal a minimum of 5 hours.

- CHEM 5300 Intermediate Inorganic Chemistry 2 hours
- CHEM 5330 Advanced Inorganic Chemistry 2-3 hours
- CHEM 5360 Frontiers in Inorganic Chemistry..... 2-3 hours
- Total..... 5+ hours**

Elective Coursework

- Additional 5000- and/or 60000-level coursework: minimum of 8 hours of coursework as approved by the Ph.D. advisory committee so that the total number of letter-graded hours of core and electives combined equals a minimum of 16 hours. The additional coursework may include other concentrations in CHEM; out-of-department coursework; or transfer credits from accredited college or university. At least 1 course (2 credit hours) must come from within the department (CHEM) but from a concentration outside the student's core courses.
- Total..... 8+ hours**

Directed Studies

- Up to 9 hours of CHEM 5990 or 6 hours of CHEM 5960 can be used for degree requirements.
- Total..... 0-9 hours**

Dissertation Research

- CHEM 6980 Research for Doctoral Dissertation **2+ hours**
2 hours minimum.

- TOTAL..... 90 hours**