

SUGGESTED TIMELINE FOR PhD PROGRAM

The following is a general guideline for successful progress toward graduation.

1. **Year 1, First Semester. 12 credits**

- Three out of four core courses – recommended: 501 (3), 521 (3), 536 (3)
- Chem 502 (1)
- Chem 623 (1)
- Chem 625 (1)
- Explore potential research groups
- Select a research group to join before the end of the semester and start your research

2. **Year 1, Second semester. 12 credits**

- Core courses: 511 (3)
- Elective course (3)
- Elective course (3)
- Chem 625 (1)
- Chem 623 (1)
- Chem 650 (1)
- Select a Committee on Studies

3. **Year 2, Third Semester. 12 credits.**

- Any core courses you have not completed (501, 511, 521, 536)
- Chem 623 (1)
- Chem 625 (1)
- Chem 650 (you may take up 10 credit hours if you have fulfilled the 18 credit hour requirement of standard graded courses)
- Present research or literature talk in Chem 625 (divisional seminars)
- Continue your research

4. **Year 2, Fourth Semester. 12 credits.**

- Core or Elective classes if you have not reached the required 18 credit hours of graded courses
- Chem 623 (1)
- Chem 625 (1)
- Chem 650 (1-10)
- Present research or literature talk in Chem 625 (Topical Seminars)
- Continue your research

Take your qualification exam:

- Form your committee members in consultation with your research advisor
- Set the exam date in consultation with the committee members
- Submit your written research proposal two weeks in advance of the exam date
- Present Research Proposal

5. **Year 3, Fifth Semester. 12 credits.**

- Last semester to take qualifying exam.
- Chem 699 (12)
- Continue your research
- You are encouraged to give a presentation in the divisional seminar as many as you would like.
- Meet annually with your Committee on Studies to assess progress towards the dissertation

6. **Year 3, Sixth Semester. 12 credits.**

- Chem 699 (12)
- Continue your research and prepare your results to publish peer-reviewed articles
- Present research talk(s) in Topical Seminar series

7. **Year 4 and after**

- CHEM 699 (6-12 credits)
- Continue your research
- Present research talk(s) in Chem 625
- Meet annually with Committee on Studies to assess progress towards the dissertation
- Write your dissertation
- Present your dissertation work
- Defend your dissertation work