

## SUGGESTED TIMELINE FOR CHEMISTRY AND CHEMICAL BIOLOGY PhD PROGRAM

The following breakdown of tasks by semester is a general guideline for successful progress toward graduation.

Year 1, *First Semester*. 12 credit hours

- Two to three core courses (out of Chem 501, 511, 521 and 536).
- Chem 502 (1)
- Chem 623 (1)
- Chem 625 (1)
- Chem 650 (3 credit hours, rotations in at least three research groups)
- Explore potential research groups
- Select a research group to join before the end of the semester and start your research

Year 1, *Second Semester*. 12 credit hours

- One to two standard courses (out of Chem 501, 511, 521 and 536).
- One to two elective courses
- Chem 623 (1)
- Chem 625 (1)
- Chem 650 (variable credit hours to make total 12)
- Select a Committee on Studies

Year 2, *Third Semester*. 12 credits hours

- Standard classes if you have not reached the required 18 credit hours of graded courses
- 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 (topical seminars)
- Continue your research

Year 2, *Fourth Semester*. 12 credit hours

- Regular classes if you have not reached the required 18 credit hours of graded courses
- Chem 623 (1)
- Chem 625 (1)

- Chem 650
- 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
- Continue your research

#### Years 3, *Fifth Semester*

- If you have not taken your qualifying exam, please do so. This should be the last semester to take your qualifying exam. For students needing to take the qualifying exam beyond the fifth semester, a petition to GSC is required to request an extension.
- Register for CHEM 699
- Continue your research
- You are encouraged to give a presentation in the divisional seminar as many as you would like.
- Meet annually with the Committee on Studies to assess progress toward the dissertation

#### Year 3, *Sixth Semester*

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

#### Year 4 *and after*

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