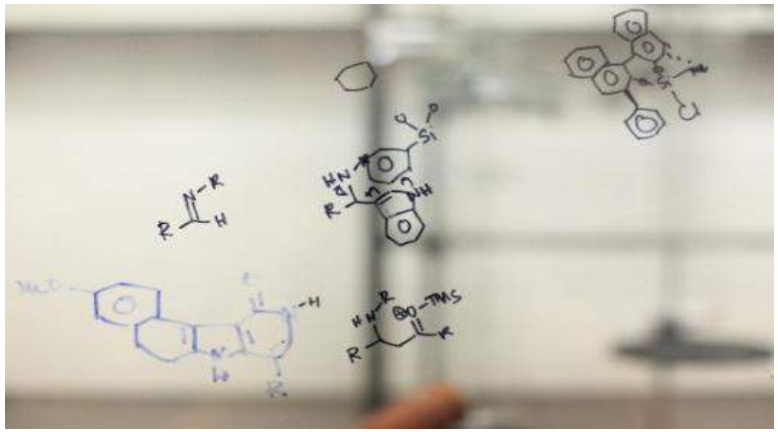
Chemistry and Biochemistry at

THE OHIO STATE UNIVERSITY

WELCOME!!!



Chair and Graduate Studies

Prof. Susan V. Olesik
Chair
Department of Chemistry and Biochemistry

Graduate Studies – 1110 Newman-Wolfrom

Prof. Claudia Turro
Vice Chair for Graduate Studies
Department of Chemistry and Biochemistry

Jennifer Hambach
Admissions and Orientation

Kelly Burke
Program Coordinator
Chemistry PhD

Graduate Studies

Department

OSBP PhD
Interdisciplinary

Chemical Physics PhD
Interdisciplinary

Chemistry PhD
Department of Chemistry and Biochemistry

Graduate Studies

- Requirements for PhD degree – **Department**
- Remain in Good Standing – **Graduate School**, **Department**
- Adhere to the OSU Code of Student Conduct – **University**

- Research ethics and safety – ethics handout / safety course
- Courses – credit hour requirements
- Choosing an advisor – faculty presentations
- Graduate Appointment Dates – expected to be at OSU
- Teaching – responsibility and policies when a GTA

University Rules

Code of Student Conduct – you have received a hard copy and the code is always available online *at http://studentaffairs.osu.edu/csc/*

http://studentlife.osu.edu/csc/

Important points

- Academic misconduct
- Endangering health or safety
- Sexual misconduct
- Destruction of property
- Dangerous weapons or devices
- Dishonest conduct / Theft
- Failure to comply with authority
- Disorderly or disruptive conduct

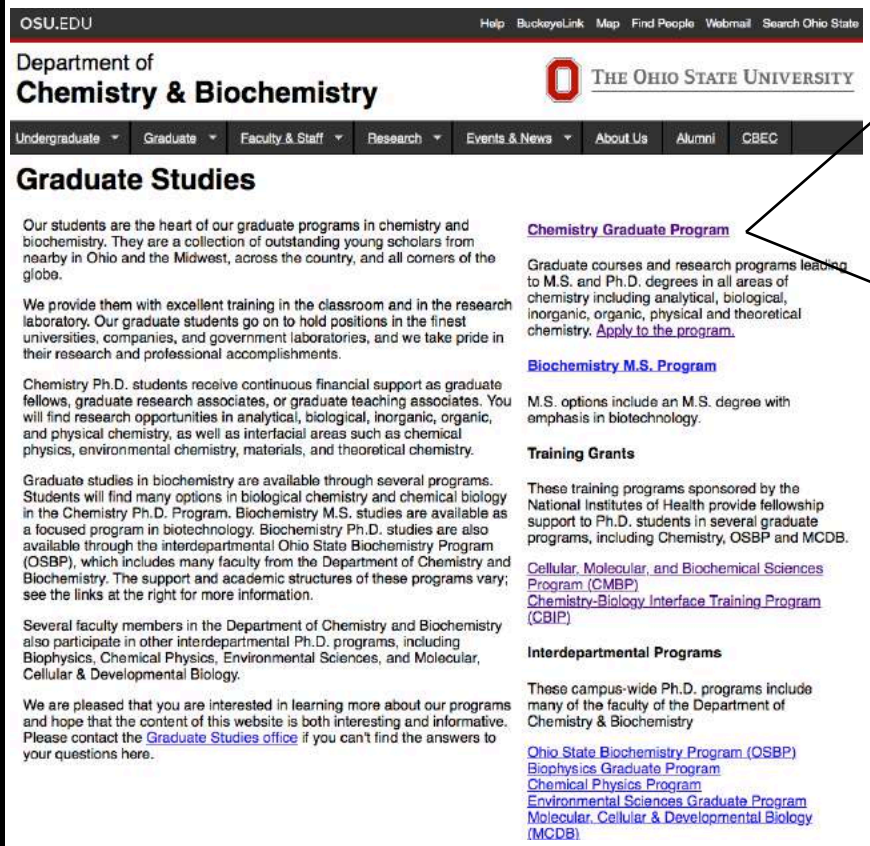
Graduate School Rules

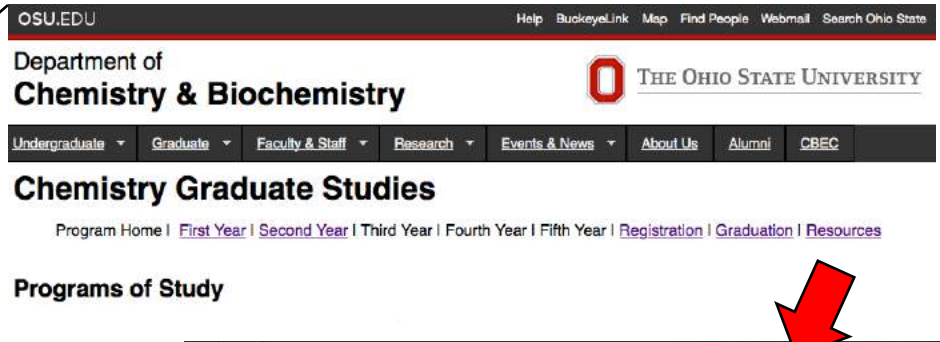
- Minimum credit hours to maintain full-time student status and graduation
- Minimum GPA requirements – maintain GPA ≥3.0
- Rules regarding PhD Candidacy, appointments, and degrees (deadlines)
- Online forms – graduation, candidacy, and course enrollment permission

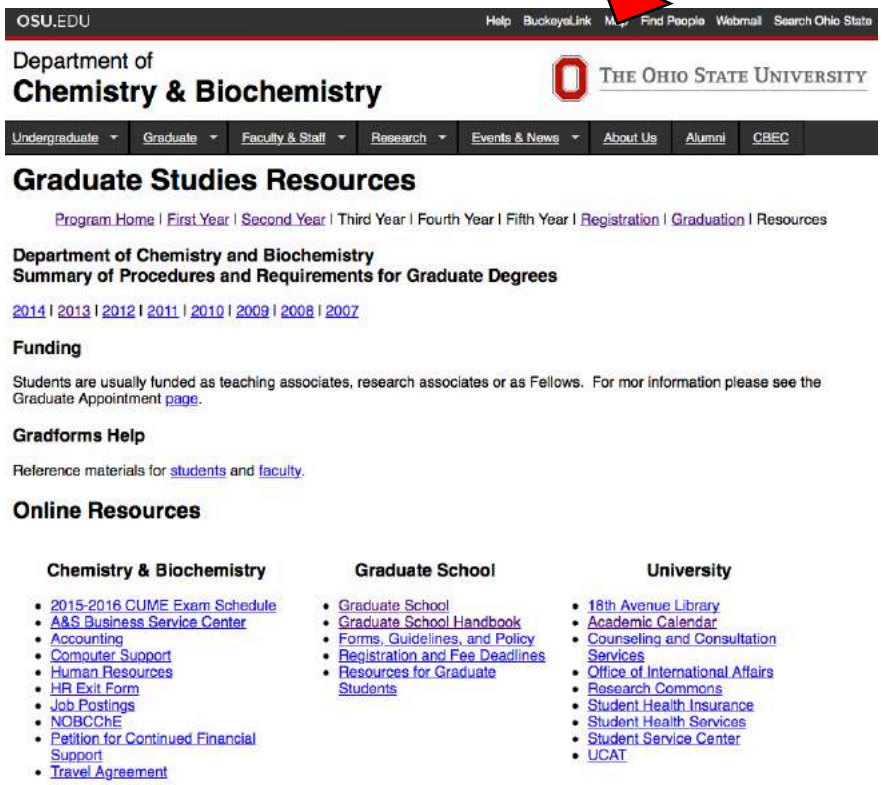
Graduate School Handbook

https://gradsch.osu.edu/handbook

Department - Degree Procedures







Department – Degree Procedures

- Good standing in the program – required for appointment

  Research progress, have an advisor, meet candidacy and graduation deadlines
  Performance as a GTA, GPA >3.0
- Coursework requirements by division
- First year oral exam by division
- Seminar requirements by division
- Candidacy requirements

Department – Degree Procedures

First year – Coursework and Advisor Selection

Take courses – *you have already signed up for classes*
Attend faculty research presentations and safety seminar
Advisor selection; engage in research during spring semester

Early Summer – oral exam on a literature paper (replaces cumulative exams except in the organic division)

Second year – Ph.D. candidacy exam – write research progress report and proposal based on your thesis research; oral defense

Seminar Presentations – requirements vary by division

Fourth, Fifth year – **Graduate!!!**

Min and Max Credit Hours

Minimum credit hours required to have full-time student status

You cannot hold a GTA or GRA appointment if not full-time

	Autumn/Spring Semesters	Summer Term
Pre-candidacy	8	4
Post-Candidates	3	3
Fellows/Trainees	12	6
Maximum Hours	18	8

Good standing to hold GTA or GRA position:

(1) Maintain 3.0 GPA

(2) Make progress towards degree

Courses and Research

- First semester (8 units min, 12 if on fellowship)

  Courses required by your division (3 – 6 units)
  Departmental seminar – Chem 8891-5 (1 unit)
  First half: Faculty research presentations - Chem 6780 (1 unit)
  -**attend 2 nights for your division and then 3 other nights**
  Second half: Safety Seminar – Chem 6781 (1 unit)
  English (as needed for International students)

- Second Semester (8 units min, 12 if on fellowship)

  Courses required by your division (3 – 6 unit)
  Departmental seminar – Chem 8891-5 (1 unit)
  Research (variable units)
  English (as needed for International students)

- Summer (4 units min, 6 if on fellowship)

  Research (variable units)
  First-year oral and research

Advisor selection

Autumn Semester

First 7 weeks: Faculty research presentations –
Must attend 5 sessions: 2 for your division and 3 others

Entire semester: "Further Exploration"

Mid-December: Placement into research group

Further Exploration – ongoing throughout Autumn Semester
Self-directed - to acquaint yourself with potential advisors and research group

- a short rotation
- attendance at group meetings
- conducting interviews with the advisor and/or group members
- reviewing publications, funding, # of PhD graduates, etc.

Joining a Group

Faculty interviews are two-sided!

Faculty will be looking at:

Student performance in courses
Level of interest of the student in the research

Student interested in (aside from research subject):

Interactions with research group
Level of funding – GRA vs GTA positions
Size of group
Number of publications
Job placement of former graduates

Advisory Committee and Areas of Study

Advisory Committee: two faculty members

Members of your PhD Candidacy Committee
Annual progress meetings years 3 and 4.

Traditional areas

Analytical, Biochemistry, Inorganic, Organic, Physical

Multidisciplinary

Examples: Bioinorganic, Materials, Environmental, etc.

- Once you join a group, build your own curriculum with your advisor
- The curriculum must then be approved by the Vice Chair for Grad Studies

GTA Appointments

- GTA training August 15th-19th and August 22nd
- Evaluation of teaching by students (SEIs)
- Evaluation of teaching by the instructor

E = Excellent: performance well exceeded expectations
S+ = above Satisfactory: performance exceeded expectations
S = Satisfactory: performance met expectations
S– = below Satisfactory: performance did not meet expectations
U = Unsatisfactory: performance well below expectations

Evaluation of **U** results in suspension from teaching program for two terms (no salary); a second **U** results in dismissal from teaching; a further **S–** may result in dismissal, suspension, or probation

Two **S–** evaluations equal a **U**

Your AU16 GTA/GAA appointment lasts through Dec. 15; you may not leave for the winter break before this date.