The Department of Chemistry at the University of Pittsburgh is internationally recognized for its excellence in chemical research and education. The department provides its graduate students with an optimized set of core courses as well as cutting edge specialty courses, the resources to carry out creative, independent research, and opportunities to hone teaching skills. Our students pursue research in diverse areas, including: Analytical and Bioanalytical Chemistry; Biological Chemistry; Computational & Theoretical Chemistry; Experimental Physical Chemistry and Spectroscopy; Medicinal Chemistry; Synthetic Organic, Organometallic, and Inorganic Chemistry; Nanoscience, Nanomaterials, and Materials Chemistry; Supramolecular Assemblies and Chemistry;

**PROGRAMS OFFERED:**

<table>
<thead>
<tr>
<th>Major Field of Study</th>
<th>Degree</th>
<th>Avg. Fall Students</th>
<th>Avg. New Students</th>
<th>Average Yearly # of Degrees</th>
<th>Yearly Average Enrolled</th>
<th>Average Percentage of Women</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemistry</td>
<td>M.S./Ph.D.</td>
<td>300</td>
<td>40</td>
<td>40</td>
<td>205</td>
<td>31</td>
</tr>
</tbody>
</table>

**Recent M.S./Ph.D. Placements:**

AMPAC  
Bayer  
Bridgestone Americas  
CMU  
Dana Farber Cancer Institute  
Depuy Synthes  
Hanover College

Recent M.S./Ph.D. Placements:

- Johnson and Johnson
- LabAnswer
- Mylan Labs
- Norac Labs
- PPG
- Pure Storage
- Reaxis

**Post-Doctoral Positions:**

Boston College  
Centre Leon Berard  
Harvard Medical School  
Johns Hopkins  
Max-Planck-Institut Für Kohlenforschung

Post-Doctoral Positions:

- MA Institute of Technology
- National Institute of Health
- Princeton Univ.
- Scripps Research Institute

**Admissions Requirements:**

3.0 or above in undergraduate degree in chemistry or related field  
GREs – General (Chemistry subject is highly recommended)  
TOEFL —100 or higher

**Admission Deadline:** January 15

**Average GPA of Entering Students:** 3.66

**Average GRE’s of Entering Students:**
- Verbal: 70%ile
- Quantitative: 77%ile
- Analytical: 57%ile

**Is the GRE Subject Test Required?**  [X] No  [ ] Yes
## Can Students Earn a “Literature Based M.S. Degree Exclusively Through:

- Part-Time Study?  
  - [ ] Yes  
  - [X] No  

- Evening/Weekend Study?  
  - [X] Yes  
  - [ ] No  

## Can Students Earn a Ph.D. Degree Exclusively Through:

- Part-Time Study?  
  - [X] Yes*  
  - [ ] No  

- Evening/Weekend Study?  
  - [X] Yes*  
  - [ ] No  

*With Graduate Student Advising Committee approval

## Are Career-Related Internships/Field Work Available?

- [X] Yes*  
  - [ ] No  

*Direct interaction between student and organization

## Number of Faculty Members Actively Involved with Graduate Students through Teaching or Research:

- Part-Time: 5  
- Full-Time: 44

## Percentage of Students fully FUNDED BY DEPARTMENT (e.g., Assistantships, Fellowships):

- [X] 100%  
- [ ] Less than 50%  
- [ ] 50-99%  
- [ ] None

## Are Departmental Awards Available to Master's Degree Students?

- [ ] Yes  
- [X] No

## Special Program Highlights:

- Center for Chemical Methodologies of Library Development  
- Center for Combinatorial Chemistry  
- Center for Molecular & Materials Simulation  
- Center for Simulation and Modeling  
- Molecular Biophysics and Structural Biology

## Research Interests of Department's Faculty:

- Synthetic Organic, Organometallic, and Inorganic Chemistry  
- Medicinal Chemistry  
- Nanoscience and Nanomaterials and Materials Chemistry  
- Supramolecular Assemblies and Chemistry  
- Experimental Physical Chemistry and Spectroscopy  
- Computational and Theoretical Chemistry  
- Analytical and Bioanalytical Chemistry  
- Biological Chemistry

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