



# University of Pittsburgh

*Kenneth P. Dietrich School of Arts and Sciences  
Graduate Studies Office*

## Biological Sciences Department Profile

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Recruitment Contact: Dr. Jeffrey Hildebrand	Phone: 412 624-6987	Email: <a href="mailto:jeffh@pit.edu">jeffh@pit.edu</a>
Diversity Liaison: Dr. Jeffrey Lawrence	412 624-4204	<a href="mailto:jlawrenc@pitt.edu">jlawrenc@pitt.edu</a>
Graduate Administrator: Cathy Barr	412 624-4268	<a href="mailto:cbarr@pitt.edu">cbarr@pitt.edu</a>

**Department Website:** [www.biology.pitt.edu](http://www.biology.pitt.edu)

Graduate education in the biological sciences provides individuals with the training, guidance, experience, and opportunity to participate in research that enables their transition from being students of biological knowledge to being fully participating members of their profession. The Department of Biological Sciences offers the degree of Doctor of Philosophy via two areas of concentration: [Molecular, Cellular and Developmental Biology \(MCDB\)](#) and [Ecology and Evolution \(E&E\)](#).

### PROGRAMS OFFERED:

<u>Major Field of Study</u>	<u>Degree</u>	<u>Fall Student Applicants</u>	<u>New Students Enrolled</u>	<u>Yearly # of Degrees</u>	<u>Yearly Enrolled</u>	<u>Percentage of Women Both Programs</u>
Molecular, Cellular & Developmental Biology,	PhD	180	8	8	30	69
Ecology & Evolution	PhD	34	6	5	31	

### Recent Ph.D.'s Placements:

Assistant Professor, Molecular and Cellular Biochemistry Department, Indiana University, Bloomington, IN  
 Assistant Professor of Biology, Heidelberg University, Biology & Environmental Sciences  
 Assistant Professor, St. Mary's College, South Bend, IN  
 Assistant Professor, Seton Hill University, Department of Biology  
 Assistant Professor, Slippery Rock University, Slippery Rock, PA  
 Assistant Professor, Longwood University, Dept. of Biological & Environmental Sciences, Farmville, VA  
 Visiting Assistant Professor, University of Sciences, Department of Biological Sciences, Philadelphia, PA  
 Visiting Scientist, Smithsonian Environmental Research Center, Edgewater, MD  
 Associate Group Leader/Principal Investigator, Pharmaceutical Product Development, Richmond, VA  
 Curriculum Writer at Education2020, Seattle, WA  
 Director of Middle Schools Outreach Coordinator, University of Pittsburgh, Biological Sciences  
 Miller Postdoctoral Research Fellow, UC Berkeley, Miller Institute for Basic Research in Science, Berkeley, CA  
 Postdoctoral Research Associate, Duke Univ. Medical Center, Dept. Molecular Genetics and Microbiology  
 Postdoctoral Research Associate, Yale University School of Medicine, Department of Cell Biology  
 Postdoctoral Research Associate, Purdue University, School of Agriculture, Department of Forestry  
 Postdoctoral Research Fellow, National Institute of Allergy and Infectious Diseases, NIH  
 Postdoctoral Research Fellow, Harvard Medical School, Boston, MA  
 Postdoctoral Researcher, University of Prince Edward Island, Centre for Veterinary Epidemiological Res., Canada  
 Postdoctoral Researcher, Dept of Pediatric Dentistry, College of Dentistry at University of Illinois at Chicago  
 Teaching Postdoctoral Fellow, University of Sciences, Department of Biological Sciences, Philadelphia, PA  
 Lecturer, Massey University, New Zealand Institute for Advanced Study, Auckland, New Zealand  
 Statistical Analyst, BioStat Solutions, Inc., Mount Airy, MD

### Admissions Requirements:

- ⇒ College degree in biology, chemistry, mathematics or physics.
- ⇒ Both overall and science undergraduate performances of B or better (QPA  $\geq$  3.0 out of 4.0)
- ⇒ Two courses completed in each of the following study areas:

- ⇒ GRE scores at/or above 60 percentile in Verbal, Quantitative and Analytical; Advanced test not required.
- ⇒ TOEFL - minimum score of 90 (with at least a score of 22 in all of the four sections of speaking, listening, reading and writing); IELTS - minimum score of 7.0 (with at least 6.5 in each of its four sections).
- ⇒ Three letters of recommendation.
- ⇒ Research experience is required.

**Admission Deadline:** Domestic : January 4th

International: December 11th

<p><b>Average GPA of Entering Students:</b> 3.66  <b>Average GRE's of Entering Students:</b>                  Verbal: 162                  Quantitative: 158                  Analytical: 4.5</p> <p>Is the GRE Subject Test Required?    <input checked="" type="checkbox"/> No    <input type="checkbox"/> Yes</p> <p>Can Students Earn a Degree Exclusively Through:</p> <p>⇒ Part-Time Study?                    <input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No</p> <p>⇒ Evening/Weekend Study?    <input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No</p> <p>Are Career-Related Internships/Field Work Available?</p> <p style="text-align: right;"><input checked="" type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>Number of Faculty Members Actively Involved with Graduate Students through Teaching or Research:</p> <p>Part-Time: 0                                  Full-Time: 26</p> <p style="margin-top: 20px;">Last Revised: October 2015</p>	<p>Percentage of Students fully FUNDED BY DEPARTMENT (e.g., Assistantships, Fellowships):</p> <p style="text-align: center;"> <input checked="" type="checkbox"/> <b>100%</b>                                  <input type="checkbox"/> Less than 50%  <input type="checkbox"/> 50-99%                                  <input type="checkbox"/> None                 </p> <p>How many years of support guaranteed from department:</p> <p><b>Students are supported throughout their graduate career either by teaching assistantships, research assistantships or fellowships.</b></p> <p>Are Departmental Awards Available to Master's Degree Students?    <input type="checkbox"/> Yes    <input checked="" type="checkbox"/> No</p> <p><b>Current Research Interests of Department's Faculty:</b></p> <ul style="list-style-type: none"> <li>⇒ Biochemistry</li> <li>⇒ Biophysics</li> <li>⇒ Cell Biology</li> <li>⇒ Computational Biology</li> <li>⇒ Developmental Biology</li> <li>⇒ Ecology</li> <li>⇒ Evolution</li> <li>⇒ Genetics</li> <li>⇒ Genomics</li> <li>⇒ Microbiology</li> <li>⇒ Molecular Biology</li> <li>⇒ Plant Biology</li> <li>⇒ Structural Biology</li> </ul>
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