Financial aid is available to qualified applicants in the form of university fellowships (awarded on a competitive basis), teaching assistantships (awarded by the department), research assistantships, and tuition and fee waivers.

For additional details and requirements refer to the department’s Graduate Student Handbook (http://mcb.illinois.edu/departments/cdb/gradcurrent.html) and the Graduate College Handbook (http://www.grad.illinois.edu/gradhandbook/).

Cell and Developmental Biology, PhD

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MCB 501</td>
<td>Advanced Biochemistry</td>
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<tr>
<td>MCB 502</td>
<td>Advanced Molecular and Cell Biology</td>
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<td>MCB 529</td>
<td>Special Topics in Cell and Developmental Biology (Section WRI)</td>
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<td>MCB 580</td>
<td>Res Ethics &amp; Responsibilities</td>
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<td>MCB 581</td>
<td>Laboratory Rotation I</td>
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<td>&amp; MCB 582</td>
<td>Laboratory Rotation II</td>
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<tr>
<td>&amp; MCB 583</td>
<td>Laboratory Rotation III</td>
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<td>CDB 595</td>
<td>Graduate Sem Cell Devel Biol (Sections A and C)</td>
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<td>CDB 595 Section A and CDB 595 Section C</td>
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<td></td>
<td>must each be taken once for 1 credit hour each.</td>
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<tr>
<td>Approved elective coursework hours to bring total course work hours to 32</td>
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<td></td>
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<tr>
<td>CDB 599</td>
<td>Thesis Research (min/max applied toward degree)</td>
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</table>

Total Hours: 96

Other Requirements

- Other requirements may overlap
- The department requires each graduate student to teach the equivalent of 50% for one semester.
- Masters Degree Required for Admission to PhD: No
- Preliminary Exam Required: Yes
- Dissertation Deposit Required: Yes
- Minimum GPA: 3.0

Cell & Developmental Biology graduates will:

1. Have mastered the foundational knowledge that defines the fields of cell and developmental biology.
2. Be able to write clearly and effectively about cell and developmental biology at the graduate level as well as in layperson terms.
3. Be able to explain cell and developmental biology orally to professional scientists, students of the discipline, and to a lay audience.
4. Be prepared to teach foundational cell and developmental biology at the college level.
5. Be able to analyze scientific data and draw conclusions from it.

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6. Be able to identify important unsolved problems in cell and developmental biology.

7. Be able to articulate a hypothesis of an unsolved problem and design a research plan to test the hypothesis.

8. Be able to perform controlled experiments to test hypotheses.

9. Be able to organize results from experiments into a clear narrative that advances the field.

10. Be able to articulate the significance of their research in the broader context of the field.

_for the Doctor of Philosophy in Cell & Developmental Biology_

.Department of Cell & Developmental Biology

Head of Department: Supriya Prasanth
Director of Graduate Studies: Jie Chen
Cell & Developmental Biology website (https://mcb.illinois.edu/departments/cdb/)
B107 Chem and Life Sciences Lab, 601 South Goodwin Avenue, Urbana, IL 61801
(217) 333-6118
MCB Graduate Admissions email: mcb-grad@illinois.edu

.College of Liberal Arts & Sciences

College of Liberal Arts & Sciences website (https://las.illinois.edu/)

.School of Molecular & Cellular Biology

School of Molecular & Cellular Biology website (https://mcb.illinois.edu/)

.Admissions

Graduate College Admissions & Requirements (https://grad.illinois.edu/admissions/apply/)

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