# Doctoral Degree (Ph.D.)

<table>
<thead>
<tr>
<th>COURSEWORK</th>
<th>PRELIM REQUIREMENTS</th>
<th>QUALIFYING EXAM</th>
<th>ADVANCE TO CANDIDACY</th>
<th>TEACHING REQUIREMENT</th>
<th>DISSERTATION TALK</th>
<th>FILE THERESIS/TECH THESIS</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINIMUM 24 UNITS:</td>
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<td>- MAJOR: At least 12 units (200-level courses) with a GPA of 3.5+</td>
<td>The preliminary requirements include an oral exam and breadth courses.</td>
<td>The Qualifying Exam is a university requirement. Students must demonstrate an expertise in the areas of the discipline that have been specified for the exam, and be able to produce an acceptable plan for their dissertation.</td>
<td>Advancing to candidacy lets the university know that a student is almost ready to graduate. Doctoral students are eligible to advance after successfully passing the Qualifying Exam.</td>
<td>All EECS doctoral students must serve as a Graduate Student Instructor (GSI).</td>
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<td>- INSIDE MINOR: At least six units (at least one 200-level grad course) with a GPA of 3.0+. One or more of these courses may be outside EECS.</td>
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<td>REQUIREMENTS:</td>
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<td>- OUTSIDE MINOR: At least six units (at least one 200-level grad course) with a GPA of 3.0+. Courses must be outside EECS, with at most one cross-listed with EECS.</td>
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<td>Students must complete a total of 30 hours minimum prior to graduation. (Twenty hours of work per week is equivalent to a 50% GSI appointment for a semester. Ten hours of work per week is equivalent to a 25% GSI appointment for a semester.)</td>
<td>Students are expected to give a talk before their final submission on the principal results of their research (this is a departmental graduation requirement). The Dissertation talk must be advertised on the EECS Departmental Calendar at least one week in advance. All students must also complete and submit the Thesis Seminar Form.</td>
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**ADDITIONAL INFO:**
- All courses must be taken for a letter grade.
- Courses in 298, 299, 375, and 602 do not count.
- Students can petition to transfer at most 12 units from another institution.

**BREADTH COURSES must:**
- be at a graduate or an advanced undergraduate level
- be at least three units
- be for a letter grade
- EE students must take two courses in areas different from the oral exam (with A- or better).
- CS students must take a course in each of the three subject areas passing each (with at least a B+).

Upon completion of the prelim requirements, students should submit a "Blue Card" to their Staff Graduate Advisor. The blue card is a non-binding document that the staff reviews to ensure your courses satisfy requirements.

Students that are leaving UC Berkeley after filing their dissertation and technical report must complete the EECS Exit Survey (link through website below). Students planning to participate in the Commencement ceremony in spring, must also submit the College’s Commencement Participation Form (also available on the website below).

Diplomas are available four months after the degree is conferred at the Registrar’s Office, 120 Sproul Hall.

* Details and forms can be found at [http://eecs.berkeley.edu/resources/grads/phd](http://eecs.berkeley.edu/resources/grads/phd)