This form is applicable only to students who received their M.S. degree from an institution other than Rice and had their M.S. degree approved by the graduate committee as Ph.D. qualified.

**Rice University Department of Electrical and Computer Engineering**

**Ph.D. Course Plan**

(to be submitted to Graduate Program Administrator by October 15 of third semester)

---

**Student:**

(Last) (First) (Middle)

Matriculation semester and year: ____________________ Non-Rice M.S. degree approval date: ________________

Core Interest: ____________________ Breadth of Interest: ____________________

Plan reviewed and approved by:

Thesis Advisor: ____________________ Date: ________________

Graduate Committee Member: ____________________ Date: ________________

**Ph.D. requirements:** Minimum 18 hours of core and breadth course credit (excluding research credits such as ELEC 59X, ELEC 800, and excluding ELEC 69X courses and seminars) plus a minimum 48 hours of research credit, ELEC 800, as evaluated and approved by advisor. ELEC 699 is required for each semester in residence beginning Fall 2012.

<table>
<thead>
<tr>
<th>Core</th>
<th>Course*</th>
<th>Semester</th>
<th>Year</th>
<th>Credit Hours</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. 15 hours credit (five 3 hour courses)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Breadth**

Min. 3 hours credit (one 3 hour course)

**Qualifier**

ELEC 599 – First-year Graduate Student Projects 6

**Seminar**

ELEC 699 1

**Electives**

<table>
<thead>
<tr>
<th>Research</th>
<th>ELEC 800</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – 15 credit hours S/U grade</td>
<td></td>
</tr>
</tbody>
</table>

Min. 48 hours credit

---

* Courses must be 400 level or above, except mathematics (300 or above).

** Breadth hours not to include ELEC 590 or seminars.  
*** Electives may include ELEC 490, ELEC 590, ELEC 69X.  

---
