

# Electrical Engineering

Department of Computer Science & Electrical Engineering

Program Requirement Checklists

Fall 2007 – Summer 2008

Master of Science – Electrical Engineering.....2

Doctor of Philosophy - Electrical Engineering

*Option: Full-time Program*.....3

*Option: Part-time Professional Program*.....4

Degree: **Master of Science – Electrical Engineering**  
 Matriculation Term: **Spring 2008** **Summer 2008**

**Non-Thesis Degree Requirements:**

- 45 credits
- 15 or more classes
- Minimum of eleven (11) classes from CS and EE, with at least 6 from EE
- Cumulative GPA at or above 3.0
- Non-thesis research and/or internship credits must be approved by the advisor and are not to exceed 6 credits

**Thesis Degree Requirements:**

- Same requirements as non-thesis degree above, with the following exceptions
- Identify a thesis advisor – the department does not assign thesis advisors
- 12 credits of EE 503 – M.S. Thesis Research in place of 12 credits of classes
- A written thesis and oral defense

**Curriculum:** **Credits** **Grade** **Term**

*Eleven (11) classes from CS and EE, with at least 6 from EE (advisors may approve appropriate exceptions to these requirements):*

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*Four (4) additional elective classes (advisor’s prior approval required for non-CS/EE classes):*  
 GEN 569 – Scholarship Skills (requirement only for thesis degree) \_\_\_\_\_

_____	_____	_____	_____
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**Degree:** Doctor of Philosophy – Electrical Engineering  
**Option:** Full-time Program  
**Matriculation Term:** Fall 2007    Winter 2008    Spring 2008    Summer 2008

**Degree Requirements:**

- Cumulative GPA at or above 3.0
- [Research Proficiency Exam](#) (RPE) requiring a written and oral presentation of a research paper  
Date RPE completed: \_\_\_\_\_
- Advancement to Ph.D. candidacy after required coursework and RPE completed  
Date of advancement: \_\_\_\_\_
- Thirty-six (36) credits of EE 603 – Ph.D. Dissertation Research (begun after advancement)  
Master of Science in EE or CSE from the OGI School of Science & Engineering
- or--  
Master of Science in a related area from another school
- Doctoral dissertation that documents a significant, original research contribution of publishable quality in both content and presentation – written dissertation and oral defense

**Curriculum:** **Credits    Grade    Term**

- Three (3) EE or CS classes (with a B or better):*  
*(may include classes taken as part of M.S. EE or CSE degree at OGI SoSE)*  
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\_\_\_\_\_
- GEN 569/669 – Scholarship Skills (with a B or better)*  
*(may also be applied to M.S. EE or CSE degree at OGI SoSE)*  
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- Additional classes as required by Student Program Committee:*  
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