

**Certificate of Departmental Approval  
Master of Science in Engineering  
Electrical and Computer Engineering**

Name: \_\_\_\_\_ Hopkins ID#: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_ Graduation Date: \_\_\_\_\_

**Requirements:**

1. Satisfactory completion of eight one-semester graduate courses. All require advisor approval. These courses may not include primarily research/independent study courses (e.g. 520.700, 520.800, 520.801, etc.) Seminar courses (e.g. 520.601) and special studies courses may not be used.

1.A. Five courses must come from the full-time ECE department (520.XXX), and be 600 level or above.

Course No.	Course Title	Grade	Sem/Year	Transfer	BS/MSE
1.	EN.520.				
2.	EN.520.				
3.	EN.520.				
4.	EN.520.				
5.	EN.520.				

1.B. Additional courses must be level 600 (WSE) / 400 (KSAS) or above.

Course No.	Course Title	Grade	Sem/Year	Transfer	BS/MSE
6.					
7.					
8.					

2. **One** of the following three options must be completed (mark the selected option)

2.A. \_\_\_\_ Two additional graduate courses. One must be an ECE course (EN.520.xxx) at the 600 level or above. Independent/research courses can count here, but must include a report.

Course No.	Course Title	Report	Grade	Sem/Year	Transfer	BS/MSE
9.						
10.						

2.B. \_\_\_\_ Completion of a special project report, or

2.C. \_\_\_\_ Master's essay

Either of these choices requires approval by faculty member eligible to supervise ECE doctoral dissertations

Title: \_\_\_\_\_

Advisor: \_\_\_\_\_

**Notes:**

The requirements for the MSE degree in Electrical and Computer Engineering (ECE) are as follows:

1. Satisfactory completion of eight one-semester graduate courses approved by the advisor. Courses may not include Independent Study, Research Courses (dissertation or masters), ECE Seminar or Special Studies. They must be level 600 or above (WSE) or 400 or above (KSAS). At least five of these courses must come from the full-time ECE department (520.xxx).
  2. Fulfilling one of the following three requirements:
    - 2.A. Satisfactory completion of two additional one-semester graduate courses approved by the advisor, one of which must come from the full-time ECE department (520.xxx). This can include Independent Studies or Research Courses (dissertation or masters) accompanied by the research report.
    - 2.B. Completion of a special project acceptable to a member of the ECE faculty and writing the corresponding report. A copy of this report must be submitted to the ECE office and becomes a permanent part of the student's record.
    - 2.C. Write an MSE essay acceptable to a member of the ECE faculty. The MSE essay must be submitted to the library and must follow the guidelines described in <https://www.library.jhu.edu/library-services/electronic-theses-dissertations/>
  3. To fulfill requirements 1 or 2, a course is satisfactorily completed if a grade of C- or higher, or a "P/S" is obtained. No more than one C+, C, or C- grade can be counted toward the degree requirements.
  4. Subject to the approval of the advisor, students may transfer up to two courses from outside JHU provided that they were completed after the undergraduate degree was conferred and have not been applied to a degree elsewhere. Students must provide a transcript before these courses can be counted. These courses cannot count for any of the 520.xxx requirements.
  5. Every graduate course designated Independent Study, Dissertation Research, or Special Studies counted toward the M.S.E. degree must include a written report. A copy of the report will become a part of the student's permanent file.
  6. Students can take up to 4 EP courses through the Home to Homewood program. However, those courses will only count towards section 1B and the non-ECE course in 2A.
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This is to certify that \_\_\_\_\_ has satisfied all of the academic requirements laid down by the Department for granting a Master of Science in Engineering Degree in the Department of Electrical and Computer Engineering.

\_\_\_\_\_  
Advisor's Signature

\_\_\_\_\_  
Date