

ELECTRICAL ENGINEERING PHD REQUIREMENTS

QUICK REFERENCE

- 39 credits beyond BS
- **Course Registration**
 - Graduate students register for 9-12 credits/semester
 - Those with Assistantships **MUST** register for minimum of 9 credits/semester
 - International and/or assistantship recipients - After course requirements met – register for 9 credits of EE 600 until comp
 - After passing comp EE 601 (0 credits – full time equivalent - low tuition)
- **Student entering with MS**
 - V. Pasko evaluates credits to allow toward PhD (within first 2 weeks of entry semester)
 - Maximum 24 credits allowed for MS from other institutions
 - 15 course credits at Penn State
 - No more than 3 credits at 400-level
 - No more than 6 credits outside EE
 - 596 immersion **DOES** count toward 15 credits
- **Admission to Qualifying** – 4 parts – all must be completed by the **beginning** of the 4th semester
 - Successful completion of Primary Core Course (B or better expected)
 - Successful completion of Secondary Core Course (B or better expected)
 - Successful completion of 3 credits of EE 596 “Research Immersion” (B or better expected)
 - Pass Primary Core Course Exam (70% or better) – must register for exam with SherryDawn 2 months prior to the exam (exam offered 2nd week of FA and SP semesters)
- Form **Doctoral Committee** end of the semester after Admission to Qualifying – see SherryDawn for signature form
 - 3 Members of EE Graduate Faculty (Chair or Co-Chair must be EE tenured/tenure track)
 - 1 Member must be Grad Faculty from a different department than EE
 - **Presentation Skills** Form – SherryDawn sends form to advisor after Admission to Qualifying (evaluation of presentation skills)
- **Comprehensive Exam**
 - Student must have completed all course work to schedule .
 - Student must see SherryDawn **3 weeks prior to exam date to schedule**
 - All members of committee must participate (with valid reason 1 may participate [not adviser] via teleconference or Skype **WITH** permission from the Grad School via SherryDawn)
 - Student qualifies for low tuition (EE 601) the semester **AFTER** passing Comprehensive Exam
 - Student must maintain continuous registration from passing of Comp Exam through semester of Final Thesis Defense.
- **Thesis Defense** (Final Oral Exam)
 - Student must get packet of forms for defense from Sherry Dawn, complete forms and return to SherryDawn **at least 3 weeks prior to date of exam**
 - Adviser’s agreement that thesis is ready to defend
 - Form with information to advertise defense within the department
 - Form with student’s information and date/time/location information
 - Information sheet for student regarding submission of thesis
 - Program Exit Survey

FULL DESCRIPTION OF EE GRADUATE PROGRAM RULES ARE AVAILABLE from

<http://www.eecs.psu.edu/students/graduate/Graduate-Degree-Programs-EE.aspx> and access the EE Graduate Handbook

QUESTIONS – call or email SherryDawn - sdj2@psu.edu OR 863-7294

1/29/2021

(OVER)

International Travel Requirements Policy

[International Travel Requirements Policy](#), effective May 16, 2016, applies to **all** University employees, students, and authorized volunteers while travelling as part of any University-Affiliated International Travel, regardless of the funding source, including individuals and groups of students participating in for-credit academic study-abroad experiences.

This policy requires that all international travel (other than approved education abroad programs) commencing after July 1, 2016 be registered in the Office of Global Programs' Travel Safety Network ([TSN](#)) a minimum of **30** days prior to travel. As part of the travel registration, students are required to attend an Emergency Preparedness Workshop conducted by the Office of Global Programs, and obtain the international health and emergency coverage offered through [HTH Worldwide](#), **prior** to departure (see [Penn State Travel Policy/Insurance](#)). More information about this insurance and the requirement to provide proof of coverage is located in the TSN database.

International travel reimbursement will **not** be approved without a receipt from the TSN confirming registration, completion of the Emergency Preparedness Workshop and HTH insurance coverage.

ELECTRICAL ENGINEERING M.S. REQUIREMENTS

QUICK REFERENCE

MS Thesis Option:

- 24 Course Credits
- 2 Colloquium Credits
- 6 thesis credits (EE 600)
- 50% of course credits must be EE courses
- Maximum 9 credits at 400-level
- Breadth – must have at least one 3 credit course in area different than primary area of interest (see breadth chart on back)
- Thesis defense last semester (student must see SherryDawn at least 2 weeks prior to date to defend)

MS Paper Option:

- 27 Course Credits
- 2 Colloquium Credits
- 3 Paper Credits (EE 594)
- 50% of course credits must be EE courses
- Maximum 9 credits at 400-level
- Breadth – must have at least one 3-credit course in area different than primary area of interest (see breadth chart on back)
- MS paper option course (EE 594.2) Students who do not have a research advisor need to pursue this option
 - Register for paper option course 3rd or 4th semester, preferably 3rd
 - Instructor of course is your MS paper advisor; a faculty member from your research area will be assigned as a member of MS committee
 - Research topic determined with EE 594.2 instructor
 - Paper written as part of EE 594.2 course, presentation near the end of the semester (syllabus attached)
- Paper presentation last semester (student must see SherryDawn at least 2 weeks prior to date of presentation)

The **one-year MS program track** is essentially the MS paper option confined to one year with:

- Student taking 14 credits FA, 15 credits SP and 3 credits graduating SU (3 semesters – 1 academic year)
- Student creating one year plan before the first week of classes the first semester/assisted by area chair

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Handbook