UNLV Graduate College 2022-2023 Catalog

**PLAN OF STUDY - Part II**

# **Dual Degree: Doctor of Philosophy - Electrical Engineering**

# **& Master of Science - Mathematical Sciences**

Complete this form and upload it into the Plan of Study – Part I available in your [Grad Rebel Gateway](https://unlv-gradcollege.force.com/GradRebelGateway/ERx_Forms__Portal_Login) student portal on the Forms tab under Required Forms. Once submitted, the form will route electronically for signatures. Upon approval by the Graduate College, the status of your form will be updated in the Grad Rebel Gateway.

Refer to the [2022-23 Graduate Catalog](https://catalog.unlv.edu/preview_program.php?catoid=40&poid=11609#subplan2requirementspostbachelorstrack) for degree requirements.

## COURSE REQUIREMENTS - Doctor of Philosophy - Electrical Engineering - Post Bachelor’s

### Major Field Courses – Credits: 15

**Complete 15 credits of coursework in an approved major in a single area in Electrical and Computer Engineering with a minimum overall average GPA of 3.33. A minimum of 9 credits must be in 700-level courses. Area selected:**

| COURSE*(Prefix & #)* | CREDITS | GRADE*(if completed)* | SEMESTER/YEAR*(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
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### Minor Fields Courses – Credits: 18

**Select two advisor-approved minor fields and complete 9 credits of coursework in each single area with a minimum overall average GPA of 3.33. A minimum of 6 credits in each area must be in 700-level courses. The secondary minor can be from a field outside Electrical Engineering. Fields selected: 1)**       **; 2)**

| COURSE*(Prefix & #)* | CREDITS | GRADE*(if completed)* | SEMESTER/YEAR *(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
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### 700-Level Elective Courses – Credits: 12

**Complete 12 credits of 700-level MAT, PHY, AST, CEE, CEM, ECG, EGG, CS, ME, or other advisor-approved courses.**

| COURSE*(Prefix & #)* | CREDITS | GRADE*(if completed)* | SEMESTER/YEAR *(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
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### Elective Courses – Credits: 6

**Complete 6 credits of 600- or 700-level MAT, PHY, AST, CEE, CEM, ECG, EGG, CS, ME, or other advisor-approved courses.**

| COURSE*(Prefix & #)* | CREDITS | GRADE*(if completed)* | SEMESTER/YEAR *(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
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### Dissertation – Credits: 18

| COURSE*(Prefix & #)* | CREDITS | GRADE*(if completed)* | SEMESTER/YEAR *(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
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## TOTAL CREDITS       Minimum credits required for graduation = 69

**Total Credits Shared: 6**

Two courses can be counted between Electrical Engineering Ph.D. and Mathematical Sciences M.S. degrees. Non-ECG courses must be applied towards non-ECG elective credits in the electrical engineering degree program pursued.

## GRADUATION POLICIES

* A minimum of 50 percent of the degree program must be 700-level courses excluding thesis, dissertation, or professional/scholarly paper. Individual departments may require more than the Graduate College minimum.
* Courses used to fulfill requirements for one degree may not be used toward another degree.
* A candidate for an advanced degree or graduate certificate must have a minimum Graduate Program Grade Point Average of 3.00 to be eligible to graduate or receive the certificate.
* Refer to the [Thesis and Dissertation Format and Submission Guidelines](https://www.unlv.edu/graduatecollege/thesis) webpage for a breakdown of requirements.
* Refer to the Graduate Catalog for all Academic, Transfer Credit, and program-related policies and requirements.