UNLV Graduate College 2023-2024 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://gradrebelgateway.my.site.com/) 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 [2023-24 Graduate Catalog](http://catalog.unlv.edu/content.php?catoid=44&navoid=12936) for degree requirements.

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

### Major Field Courses – Credits: 6-15

**Complete 6-15 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. Area selected:**

| COURSE*(Prefix & #)* | CREDITS | GRADE *(if completed)* | SEMESTER/YEAR*(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
| --- | --- | --- | --- | --- | --- | --- | --- |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |

### Minor Fields Courses – Credits: 6-18

**Select two advisor-approved minor fields and complete coursework in each single area totaling 6-18 credits, with a minimum overall average GPA of 3.33. 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)* |
| --- | --- | --- | --- | --- | --- | --- | --- |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |

### Elective Courses – Credits: 0-12

**Complete 0-12 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)* |
| --- | --- | --- | --- | --- | --- | --- | --- |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |

### Dissertation – Credits: 18

| COURSE*(Prefix & #)* | CREDITS | GRADE *(if completed)* | SEMESTER/YEAR *(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ECG 799 |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |

## TOTAL CREDITS       Minimum credits required for graduation = 45

**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](http://catalog.unlv.edu/content.php?catoid=44&navoid=12936) for all Academic, Transfer Credit, and program-related policies and requirements.