UNLV Graduate College 2023-2024 Catalog

**PLAN OF STUDY - Part II**

# **Dual Degree:** **Master of Science in Engineering - 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 - Master of Science in Engineering - Electrical Engineering Standard Subplan

### Core Courses – Credits: 9

**Complete a minimum of 3 credits in at least three of the concentration areas displayed on the program catalog (link above).**

**Chosen concentration:**       **Students in the comprehensive exam subplan must take all courses at the 700-level.**

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

### Additional Core Courses – Credits: 9-12

**Complete 9-12 credits of additional core courses from the core courses in any of the areas displayed on the program catalog (link above). Students in the comprehensive exam subplan must take all courses at the 700-level. Students completing the comprehensive exam option must complete a minimum of 12 credits of electives, and students completing the thesis option must complete a minimum of 9 credits of electives.**

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

### Elective Courses – Credits: 6-9

**Complete a minimum of 6-9 credits of 600- or 700-level MAT, PHY, AST, CEE, CEM, ECG, EGG, CS, ME, or other advisor-approved courses. Students completing the comprehensive exam option must complete a minimum of 9 credits of electives, and students completing the thesis option must complete a minimum of 6 credits of electives.**

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

### Thesis – Credits: 6 (optional)

| COURSE*(Prefix & #)* | CREDITS | GRADE *(if completed)* | SEMESTER/YEAR *(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ECG 797 |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |
|       |       |       |       |       |       |       |       |

## TOTAL CREDITS       Minimum credits required for graduation = 30

*Total Credits Shared: 6*

Two courses can be counted between Electrical Engineering M.S.E 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.