UNLV Graduate College 2022-2023 Catalog

**PLAN OF STUDY - Part II**

# **Doctor of Philosophy - Mathematical Sciences**

# **- Post-Master's – Applied Mathematics**

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=11570#subplan5requirementspostmastersappliedmathematicstrack) for degree requirements.

## COURSE REQUIREMENTS

### Required Courses Part 1– Credits: 6

**Complete two analysis or two theory courses: (MAT 707, MAT 708); OR (MAT 709, MAT 710)**

| COURSE*(Prefix & #)* | CREDITS | GRADE*(if completed)* | SEMESTER/YEAR*(Taken/anticipated)* | COURSE *(Substitution)* | CREDITS*(Substitution)* | GRADE*(Substitution)* | INSTITUTION*(Substitution)* |
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### Required Courses Part 2 – Credits: 6

**Select an advisor approved 2-semester sequence from one of the following:**

**(MAT 717, MAT 718), (MAT 729, MAT 730), (MAT 771, MAT 772)**

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

**Complete two of the one-year course sequences displayed in the respective section of the catalog program page (linked above).**

| 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 or STA courses (excluding MAT 711 & 712), 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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| MAT 799 |  |  |  |  |  |  |  |
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## TOTAL CREDITS       Minimum credits required for graduation = 48

## 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.