# <u>Course Rotations</u> - Mathematics and Mathematics Education

| **Odd Fall:** | **Even Spring:** | **Summer (Internet):** |
|---|---|---|
| Calculus I | Calculus II | Trigonometry |
| Calculus III | Intro: Discrete Mathematics | Calculus II |
| Modern Geometry | *Abstract I* | |
| *Discrete Mathematics* | *Probability and Statistics* | |
| *Real Analysis II* | *Theory of Numbers* | |

| **Even Fall:** | **Odd Spring:** |
|---|---|
| Calculus I | Calculus II |
| Calculus III | Intro: Discrete Mathematics |
| Modern Geometry | *Real Analysis I* |
| *Differential Equations* | *Linear Algebra* |
| *Abstract Algebra II* | *Design of Experiments* |

## Freshman start on odd year Fall

| **Freshman Fall** (odd year) | | **Freshman Spring** (even year) | |
|---|---|---|---|
| | Calculus I | | Calculus II |
| | | | Intro: Discrete Mathematics |
| | | | |
| **Sophomore Fall** (even year) | | **Sophomore Spring** (odd year) | |
| | Calculus III | | Real Analysis I |
| | Differential Equations | | Linear Algebra |
| | | | Design of Experiments* |
| | | | |
| **Junior Fall** (odd year) | | **Junior Spring** (even year) | |
| | Modern Geometry** | | Abstract Algebra I |
| | Discrete Mathematics* | | Probability and Statistics |
| | Real Analysis II*** | | Theory of Numbers* |
| | | | |
| **Senior Fall** (even year) | | **Senior Spring** (odd year) | |
| | Abstract Algebra II*** | | *[Design of Experiments*]* |

## Freshman start on even year Fall

| **Freshman Fall** (even year) | | **Freshman Spring** (odd year) | |
|---|---|---|---|
| | Calculus I | | Calculus II |
| | | | Intro: Discrete Mathematics |
| | | | |
| **Sophomore Fall** (odd year) | | **Sophomore Spring** (even year) | |
| | Calculus III | | Abstract Algebra I |
| | Discrete Mathematics* | | Probability and Statistics |
| | | | Theory of Numbers* |
| | | | |
| **Junior Fall** (even year) | | **Junior Spring** (odd year) | |
| | Modern Geometry** | | Real Analysis I |
| | Differential Equations | | Linear Algebra |
| | Abstract Algebra II*** | | Design of Experiments* |
| | | | |
| **Senior Fall** (odd year) | | **Senior Spring** (even year) | |
| | Real Analysis II*** | | *[Theory of Numbers*]* |

* Electives for both *Mathematics* and *Mathematics Education* majors
** Required only for *Mathematics Education* major (elective for *Mathematics* majors)
*** Required only for *Mathematics* majors (elective for *Mathematics Education* majors)
Note: Mathematics Education majors need two (2) course from the ones marked with * or *** and Mathematics majors need one (1) course from those marked with * or **.

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