B.S. in Mathematics - Standard Option

69 Math Credits; 180 Total Credits Required for Graduation

University and College of Arts & Sciences Requirements can be found on your DARS report.

Application Requirements (15 credits)
Math 124 (5cr) – Calculus I
Math 125 (5cr) – Calculus II
Math 126 (5cr) – Calculus III

Students must earn a minimum of 2.0 in each of Math 124, 125 and 126 with a minimum of a 2.5 average in all Math courses. Complete of these requirements does not guarantee Admission.

Core Requirements (36 credits)
Math 300 (3cr) – Mathematical Reasoning
Math 307 (3cr) – Differential Equations
Math 308 (3cr) – Matrix Algebra
Math 324 (3cr) – Advanced Multivariable
Math 327 (3cr) – Introductory Real Analysis I
Math 328 (3cr) – Introductory Real Analysis II

Proficiency in items “a” and “b” is generally expected for graduate study in mathematics. In addition, items “c” and “d” are recommended for PhD programs in pure mathematics. Alternative combinations may be preferred for graduate study in other areas of the mathematical sciences and for industry careers. Consult with Math Student Services to learn more.

Continuation Policy
To maintain good academic standing with the department, students must maintain a minimum math GPA of 2.0 and earn at a minimum of a 2.0 in all courses used towards major requirements.

Elective Requirements (18 credits)
Six additional upper-division mathematics courses, excluding MATH 398, 399, 411, 412, 444, 445, 497, 498 and 499. No more than two courses numbered MATH 380 or MATH 480. Two of the six can be taken in other departments with approval from the Student Services Office.

Requirements effective Winter 2018 – Pending University Approval
This information is to be used for planning. Always check your DARS report to ensure you have met all degree requirement.
<table>
<thead>
<tr>
<th>Autumn Quarter 20__</th>
<th>Winter Quarter 20__</th>
<th>Spring Quarter 20__</th>
<th>Summer Quarter 20__</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarter Total</td>
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</tbody>
</table>

Notes:
- The table structure is consistent across all quarters.
- Each quarter has a corresponding 'Quarter Total' row for aggregation.

Data Entry:
- Fill in the table with relevant data for each quarter.
- Ensure each row and column align correctly for clarity.

Example:
- Autumn Quarter 20__ and Winter Quarter 20__ may represent financial figures.
- Spring Quarter 20__ and Summer Quarter 20__ could be other categories like sales, departures, or employee numbers.

Total:
- The total for each quarter is at the bottom of the respective columns.

Analysis:
- Use the quarter totals to analyze trends, budgeting, and performance.

Notes on Any Changes:
- Any changes or updates should be noted at the bottom of the page.