GRADUATE CERTIFICATE IN MATHEMATICS

REQUIREMENTS

The following requirements must be fulfilled: 12 credits, including 6 credits in required courses and 6 credits in elective courses.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Required:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH 6201</td>
<td>Real Analysis I</td>
<td></td>
</tr>
<tr>
<td>MATH 6202</td>
<td>Real Analysis II</td>
<td></td>
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<td>Two of the following:</td>
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<tr>
<td>MATH 6214</td>
<td>Measure and Integration Theory</td>
<td></td>
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<tr>
<td>MATH 6215</td>
<td>Introduction to Functional Analysis</td>
<td></td>
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<tr>
<td>MATH 6318</td>
<td>Applied Mathematics I</td>
<td></td>
</tr>
<tr>
<td>MATH 6319</td>
<td>Applied Mathematics II</td>
<td></td>
</tr>
<tr>
<td>MATH 6810</td>
<td>General Topology</td>
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</tbody>
</table>

Alternate courses may be selected in consultation with the certificate advisor.

Visit the program website (https://math.columbian.gwu.edu/graduate-certificate-mathematics) for additional information.