UNIVERSITY OF MARY WASHINGTON – EXPEDITED COURSE CHANGE PROPOSAL
Submit this form electronically, beginning with the first required level of review (department or college level). Each level of review passes the form and any attachments to the next level when the action is approved.

Submitted by: Randall Helmstutler  Date Prepared: 11/2/2015

Department/Discipline(s) and Course Number(s): Mathematics/ MATH 321

Course Title: Number Theory

Type of change (check all applicable):
Number* _____ Title_______ Credits_______ Description_______ Prerequisites___X___ Deletion_______ Cross list**_______

*This course number must be approved by the Office of the Registrar before the proposal is submitted.

**To cross list courses between departments/colleges, there should be two cover sheets submitted with the proposal – one by the chair of each department with signatures from the relevant College Curriculum Committee Chair.

Effective Date: FALL Semester, Year 2016

<table>
<thead>
<tr>
<th>Current Catalog Entry</th>
<th>Proposed Catalog Entry</th>
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| Prerequisite: MATH 201 or CPSC 125. | Prerequisite: MATH 201. CPSC 125 may be used as a substitute for MATH 201 with department approval.
An elementary, theoretical study of the properties of the integers. | An elementary, theoretical study of the properties of the integers. |

JUSTIFICATION (including impact on majors, minors, concentrations, and general education courses within the University curriculum; attach additional pages if required). Any change that impacts another Department must have a written statement (such as a copy of an email) from the Chair(s) agreeing to the change.

Once upon a time, MATH 201 and CPSC 125 were the same course, or at least close enough so that both courses played the same prerequisite role in each department. Formerly, CPSC classes that needed CPSC 125 as a prereq also allowed MATH 201 as a prereq, and vice versa for MATH classes with MATH 201 as a prereq. Recent curriculum changes in the Department of Computer Science have altered the content of CPSC 125 so that they no longer permit MATH 201 to count as an equivalent prerequisite for CPSC courses.

While the content of MATH 201 has not changed, the Department of Mathematics feels that this new version of CPSC 125 is sufficiently different to prevent its use as an across-the-board prerequisite for our theory courses requiring proof-writing experience (the main role of MATH 201 and the former CPSC 125). At the same time, we recognize that a strong student with solid performance in CPSC 125 and MATH courses may be well-prepared for success in MATH 321, so we do not wish to hold up such a student’s progress by requiring an additional course. Thus, the department has agreed (and is willing) to allow CPSC 125 as a prerequisite replacement for MATH 201, vetted and approved by the department chair on a case-by-case basis.

Since the CPSC curriculum changes that created this split are already in place, there is no impact on any other program or department. This course is an elective only in the MATH major.

Expedited Course Change Cover Sheet (October 2015)
<table>
<thead>
<tr>
<th>TRANSITION PLAN (describe how will students who are in Catalogs where the course is required for a major be accommodated; attach additional pages if required)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 321 is an elective in the MATH major and counts in no other program, so there is no one to transition. The only holdovers would be new CPSC/MATH double majors or major/minors who wish to take MATH 321 as part of their MATH requirements, and these would be handled on a case-by-case basis.</td>
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**Approvals**

<table>
<thead>
<tr>
<th>Department Chair</th>
<th>Randall Helmstutler</th>
<th>Date: 11/2/2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Curriculum Chair</td>
<td>[Signature]</td>
<td>Date: 11/18/15</td>
</tr>
</tbody>
</table>

Expedited course changes are posted for a 10-class day comment period. If no comments are raised during that time, the proposal becomes final. All expedited proposals approved in this way will be noted on the UCC web site.

If comments are raised, the proposal may be reviewed by the UCC and then approved or it may be returned to the CCC for additional deliberation (as required).