**Example Course Pathway**

**Graduate Certificate in the Mathematics Consulting Teacher Endorsement (GC-MCTE) and Masters in Education, Curriculum and Instruction (MA-CI)**

<table>
<thead>
<tr>
<th>Summer</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall</th>
<th>Spring</th>
<th>Summer</th>
<th>Fall</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDCIFS 541, 543, 545</td>
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<td>EDCIFS 547</td>
<td>EDCIFS 546</td>
<td>EDCIFS 506</td>
<td>EDCIFS 503</td>
<td>EDCIFS 502 or 505 EDCIFS 692 (1)</td>
</tr>
</tbody>
</table>

*Fall, Spring or Summer*

EDCIFS 540, 542, and 544 are offered multiple times throughout the year. These are the MTI courses required for recertification in Idaho. MCTE program participants must take one class from 540, 542, or 544 for graduate credit. Registration for these courses occurs in two systems, through [my.boisestate.edu](http://my.boisestate.edu) for the graduate credits and through Keith Krone ([keithkrone@boisestate.edu](mailto:keithkrone@boisestate.edu)) for the state system.

**MCTE & MA-CI Courses**

- ED-CIFS 503 (3cr) – Fundamentals of Educational Research
- ED-CIFS 502 (3cr) – Comparative Education OR ED-CIFS 505 (3cr) – Philosophy of Education
- ED-CIFS 506 (4cr) – Issues in Education
- ED-CIFS 540 (3cr) – MTI: Number and Operations K-3
- ED-CIFS 541 (3cr) – MTI: Early Numeracy and Operations K-3
- ED-CIFS 542 (3cr) – MTI: Number and Operations 4-8
- ED-CIFS 543 (3cr) – MTI: Applications of Rational Numbers & Proportional Reasoning 4-8
- ED-CIFS 544 (3cr) – MTI: Number and Operations 6-12
- ED-CIFS 545 (3cr) – MTI: Applications of Algebra Topics 6-12
- ED-CIFS 547 (3cr) – MTI: Measurement and Geometry
- ED-CIFS 546 (3cr) – MTI: Building Teacher Leaders of Mathematics
- ED-CIFS 548 (3cr) – MTI: Data Analysis, Statistics, and Probability
- ED-CIFS 549 (3cr) – MTI: Action Research in the Mathematics Classroom
- ED-CIFS 692 (1cr) – Capstone Course

This document is intended to provide an example course sequence for individuals interested in the MCTE graduate certificate and the MA in Education, Curriculum and Instruction. There are multiple options within the program. Please consult your advisor to determine the best sequence for your needs.
Graduate Certificate in the Mathematics Consulting Teacher Endorsement (GC-MCTE) and Masters in Education, Curriculum and Instruction (MA-CI)

<table>
<thead>
<tr>
<th>Practical Perspectives (0 credits)</th>
<th>WAIVED</th>
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</thead>
</table>
| Foundational Perspectives (7 credits) | ED-CIFS 506 (4cr) – Issues in Education REQUIRED  
Pick one of the following:  
ED-CIFS 505 (3cr) – Philosophy of Education  
ED-CIFS 502 (3cr) – Comparative Education |
| Research Perspectives (6 credits) | ED-CIFS 503 (3cr) – Fundamentals of Educational Research REQUIRED  
ED-CIFS 549 (3cr) – MTI: Action Research in the Mathematics Classroom REQUIRED |
| Cognate (18 credits) | MCTE Required Courses  
ED-CIFS 547 (3cr) – MTI: Measurement and Geometry REQUIRED  
ED-CIFS 546 (3cr) – MTI: Building Teacher Leaders of Mathematics REQUIRED  
ED-CIFS 548 (3cr) – MTI: Data Analysis, Statistics, and Probability REQUIRED  
Select Two – change to One for 2015-2016¹  
ED-CIFS 540 (3cr) – MTI: Number and Operations K-3  
ED-CIFS 542 (3cr) – MTI: Number and Operations 4-8  
ED-CIFS 544 (3cr) – MTI: Number and Operations 6-12  
Select One – change to Two for 2015-2016¹  
ED-CIFS 541 (3cr) – MTI: Early Numeracy and Operations K-3  
ED-CIFS 543 (3cr) – MTI: Applications of Rational Numbers, Ratio and Proportion 4-8  
ED-CIFS 545 (3cr) – MTI: Applications of Algebra Topics 6-12 |
| Culminating Activity | Capstone:  
ED-CIFS 692 (1cr) – Capstone Course REQUIRED |
| Total Credits | 32 |

¹ The 2013-2014 and 2014-2015 catalogs require 6 credits from ED-CIFS 540, 542, and 544 and 3 credits from ED-CIFS 541, 543, and 545. A catalog change was made for 2015-2016 of 3 credits from ED-CIFS 540, 542, and 544 and 6 credits from 541, 543, and 545. Students who entered under the 2013-2014 or 2014-2015 catalogs can request an academic adjustment if they prefer to utilize the 2015-2016 proposed catalog requirements.

**GETTING STARTED**
To apply for the program – go to [graduatecollege.boisestate.edu](http://graduatecollege.boisestate.edu) and select APPLY

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