PROGRAM AT A GLANCE
Early Adolescence through Adolescence (EA-A) / Formerly Grades 6-12
Mathematics Education Major

Degree: Bachelor of Science (B.S.)
Major: Mathematics - Secondary Education
Minor: A minor is optional
WI License Name: Early Adolescence - Adolescence (EA-A) - Mathematics
WI License Code: Position (73) - EA-A, Subject (400) - Mathematics
WI Scope of Practice: A license in mathematics allows the educator to teach Mathematics to children ages 10 through 21 (formerly grades 6 - 12).

UNIVERSITY REQUIREMENTS
American Cultural Diversity (ACD)
Choose one course from your Degree Audit Report.
Can be double counted anywhere in your degree program TED 252 Multicultural Education is recommended
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

Global Perspectives (GP)
Some courses double count for other requirements.
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

GENERAL EDUCATION
GOAL ONE - COMMUNICATE EFFECTIVELY:
Communication—Reading and Writing (CW)
ENGL 100 Academic Reading/Writing (3 cr.)
□

Advanced Communication (CA)
ENGL 200 Investigating Ideas: Reading, Writing (3 cr.)
□
Admission to Teacher Education requires a minimum of one grade of "B-" and one grade of "C" between ENGL 100 and 200.

Communication—Speaking and Listening (CS)
COMS 101 Fundamentals of Oral Communication (3 cr.)
□
A minimum grade of "B-" is required in COMS101.

GOAL TWO: DEMONSTRATE KNOWLEDGE OF PAST AND PRESENT HUMAN ENDEAVOR:
Social and Behavioral Science (SB)
Choose one course with a prefix of: ANTH, ECON, GEOG, HIST, PSYCH, POLS, or SOCI.
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

Fine Arts
Choose one course with a prefix of: MUS, SASA, ART, DANC, FILM, or HUM
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

Humanities, including literature
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

GOAL THREE: APPLY SCIENTIFIC PRINCIPLES TO THE NATURAL WORLD:
Mathematics (M)
Choose one (M) course from your Degree Audit Report.
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

Scientific Inquiry (SI)
The two science courses must be from different departments. One of the courses must have a prefix of BIOL. Those with a coaching minor should take BIOL 150.
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

GOAL FIVE: EVALUATE INDIVIDUAL RESPONSIBILITY TO SELF, SOCIETY, AND THE WORLD:
Personal Health and Wellness (HW)
P ED 108-Health and Fitness for Life (1 cr.)
□

Ethical Citizenship (EC)
Choose one (EC) course from your Degree Audit Report
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)

MATHEMATICS MAJOR
18 Core Credits
Math 166 - Calculus I (4 cr.)
□
Math 167 - Calculus II (4 cr.)
□
Math 266 - Calculus III (3 cr.)
□
Math 236 - Discrete Math (4 cr.)
□
Math 256 - Linear Algebra (3 cr.)
□

12 Upper Level Credits
Math 351 - Abstract Algebra (3 cr.)
□
Math 356 - Probability (3 cr.)
□
Math 411 - Geometry (3 cr.)
□
Math 316/326/357 - Math Modeling or Statistics (3 cr.)
□

6 Elective Credits
These courses should be chosen from 300 & 400 level courses that do not include Math 305 or Math 436.
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)
□ - - - - - - - - - - - - - - - - - - - - - - - - - - - (3 cr.)
Early Adolescence through Adolescence (EA-A)
Mathematics

PROFESSIONAL EDUCATION CORE

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisites/Field Experience</th>
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<tbody>
<tr>
<td>TED 120</td>
<td>Introduction to Education and Instructional Technology</td>
<td>3</td>
<td>Prerequisite: 2.5 grade point average and 12 credits completed. Field Experience: 8 hours.</td>
</tr>
<tr>
<td>TED 252</td>
<td>Multicultural Education</td>
<td>3</td>
<td>Prerequisite: TED 120 Field Experience: 25 hours</td>
</tr>
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<td>TED 212</td>
<td>Educational Psychology</td>
<td>5</td>
<td>Prerequisite: TED 120 Field Experience: 25 hours</td>
</tr>
<tr>
<td>TED 414</td>
<td>Transcendent Development</td>
<td>4</td>
<td>Prerequisite: TED 212 Complete before enrolling in Math Block</td>
</tr>
<tr>
<td>SPED 330</td>
<td>The Exceptional Child</td>
<td>3</td>
<td>Prerequisite: Completion of 60 credits and TED 120 Field Experience: 10 hours</td>
</tr>
<tr>
<td>ESM 300</td>
<td>Environmental Education</td>
<td>3</td>
<td>Only required for students majoring or minoring in science</td>
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ADMISSION TO TEACHER EDUCATION - Admission to the University of Wisconsin River Falls does not guarantee admission to the College of Education and Professional Studies.

Admission applications to Teacher Education are due either: **October 1st** (for admission acceptance the following spring) or **February 15** (for admission acceptance for the following fall). Admission consideration is only available to students currently enrolled at UW - River Falls.

**TO BE ELIGIBLE FOR CONSIDERATION,** the candidate must meet the following minimum requirements:

- Satisfactory scores on **one** of the following Basic Skills Assessments
  - **All minimum scores must be met within the chosen option.**
    1. ACT Exam Option (within last ten years): Composite Score 23, Reading 20, English 20, Math 20
    2. SAT Exam Option (within last ten years): Contact Michael Martin for more information
    3. Pass the Core Academic Skills Exam: Reading 156, Writing 162, Math 150
    4. ACT plus writing Exam Option (within last ten years): Composite Score 22, ENGWR 20
   
   **This requirement must be met before either the October 1st or February 15th application deadline.** If you choose the Core Academic Skills option it is recommended it be taken the second semester of your Freshman year or no later than one semester prior to applying for admission. Please allow enough time to take this test and receive passing scores before the application deadline. Registration information is available in Wyman 203, or http://ets.org

- Earn a grade of at least one "B-" and one "C" between ENGL 100 and ENGL 200

- Earn a grade of "B-" or better in Fundamentals of Oral Communication (COMS 101)
  
  *It is recommended you complete this course the first or second semester of your first year.*

- Complete a minimum of 40 credits

- Minimum cumulative grade point average of 2.75 - *Including transfer credits*

- Complete TED 212 Educational Psychology with a minimum grade of “C”

- Department recommendation - *Please contact your Department Chair for more information.*

**TO APPLY: DUE OCTOBER 1st or FEBRUARY 15th;** Submit the following to the College Of Education and Professional Studies Dean's office, Wyman 203:

- **For those candidates enrolled before Fall, 2015, you will complete the application packet** - available on the college's web site [http://www.uwrf.edu/CEPS/EPP/EppAdmission/UndergradApp.cfm](http://www.uwrf.edu/CEPS/EPP/EppAdmission/UndergradApp.cfm)

- **For those enrolled as freshman during Fall, 2015 you will complete an online course as part of the application process** - available on the college's web site [http://www.uwrf.edu/CEPS/EPP/EppAdmission/UndergradApp.cfm](http://www.uwrf.edu/CEPS/EPP/EppAdmission/UndergradApp.cfm) (Available in the future).
PRAXIS II
The Praxis II Content Knowledge test measures subject matter knowledge. It is not an exam about how to teach. It is an exam that assesses your knowledge about what you teach. Registration information and directions are available in WEB 203, or visit Educational Testing Services website at http://ets.org

Candidates should attempt at least two semesters before beginning student teaching. Candidates must pass Praxis II prior to student teaching.

Mathematics Content Knowledge  Test Code: 5161  WI Qualifying Score: 160

If you are seeking a teacher license in your minor or in a second major, you may need to complete additional Praxis II tests. Please consult with the college's Certification Officer (Mike Martin) in WEB 203 for more information.

ADMISSION TO STUDENT TEACHING
Admission to student teaching is the last phase of the teacher preparation program and allows students to begin student teaching. To student teach, the following requirements must be met:

- Passing score(s) on the Praxis II exam(s) the semester prior to beginning your student teaching placement.
- Completion of all major, licensable minor, and professional education courses.
- No grades lower than a "C" in the major, licensable minor, and professional education courses.
- A minimum grade of a “B−” in TED 438
- Satisfactory completion of Teacher Certification Portfolio.
- Satisfactory completion of all required field experiences.
- Minimum of a 2.75 GPA in each of the following: cumulative (including transfer courses), professional education, major, and licensable minors.
- Satisfactory completion of the Human Relations Requirement (ENGL 252) Falcon Tutors.
- Completed Student Teaching Application

If you wish to student teach during the fall semester, the application is **DUE NOVEMBER 15th - one year prior to student teaching.** If you wish to student teach during the spring semester, the application is **DUE MAY 15th - one year prior to student teaching.**

The application form will be available on the college's web site approximately one month before the due date.

- A tuberculosis screening will be required within 90 days of beginning your student teaching placement.

Student teaching placements will be made within the UWRF service region. A detailed list of participating schools is available on the college's web site. http://uwrf.edu/ceps/
Tips for Teacher Candidates in Math Education (EA-A)

Know your Program!
Many courses are not offered every semester. Plan carefully with your adviser so you do not miss important courses when they are offered.
The Falcon Tutors program is a component of the TED 252 course. UWRF students provide tutoring for students in the St. Paul public schools once a week for approximately eight weeks during the semester. The college provides bus transportation for UWRF students to the participating Falcon Tutors sites. Secondary education students are recommended to enroll in the early lab sections. The 2:00 PM lab sections take place in an elementary setting.

Schedule for Field Work!
Several of the education courses have field experiences. You are responsible to schedule your observation times outside of the regular class meeting times. Make sure to take travel time into consideration when planning your schedule. Very few field placements take place in River Falls. Most placements require commutes!

The Core Academic Skills Exam replaces the Praxis I!
The Praxis I/PPST/CBT exam was discontinued on 9/1/2014. If you completed it beforehand with passing scores (Reading 175, Writing 174, Math 173), then you have met the Basic Skills Assessment requirement. If you didn’t, then you are encouraged to take the Core Academic Skills exam if you aren’t able to use your ACT or SAT scores.

Become involved in professional experiences
There are opportunities for candidates to work with students and teachers in addition to their placements. Tutoring K-12 and college students is a great opportunity. Contact Mr. Koepke about an opportunity to work with teachers as part of the STEM Initiative Lab program. Contact Dr. Hofacker about an opportunity to work with teachers and receive professional development as part of the Mathematical Progression through Habits of Mind project.

Grades are Important!
The teacher education program has several grade requirements. If you get behind early in the program, it will delay your entering the beginning teaching courses (note the 2.5 minimum grade point average required for TED 120). If a course has a minimum requirement of a "B" or a "C," a "B-" or a "C-" will not meet the requirements.

Minors are no longer Required!
You may choose to minor in another content area and add an additional certification, but it is not required.

First Impressions Count!
When you meet someone face-to-face, you are largely judged based on non-verbal information, specifically your appearance and your body language. Dress for success in the schools. Even though it is a cliché, “You never get a second chance to make a first impression.” Remember that the teacher you are observing today may be interviewing you for a teaching position in your future.

Think Before You Act!
College is full of opportunities and choices. Some decisions can have lasting consequences that may affect your professional career as an educator. The college performs background histories on teacher education candidates as a service for our partner schools throughout the program. Our partner schools have the right not to extend invitations to teacher education candidates to participate in field experiences and student teaching in their district if you have a criminal record.

Ask Questions!
Meet with your advisor regularly and come prepared to ask questions! If you need additional help you may contact Dr. Hofacker (Mathematics) Erick.B.Hofacker@uwrf.edu or Mr. Martin (College of Education) Michael.Martin@uwrf.edu for additional assistance.