

# The University Of Toledo

## Program Requirement Revision Form

Administrative Use Only (rev. 9/2011)	
<b>Code:</b>	CM
<b>Date Received:</b>	/ / (dd/mm/yyyy)
<b>Date Effective:</b>	/ / (dd/mm/yyyy)

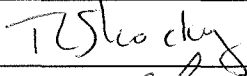


Please list the proposed program structure.

<b>College:</b> Education	<b>Dept:</b> C & I
<b>Contact Person:</b> Tod Shockey	<b>Phone:</b> 2071
<b>Email:</b> todshockey@utoledo.edu	
<b>Program Name:</b> AYA Mathematics	
<b>Program Level:</b> <input type="checkbox"/> Graduate <input checked="" type="checkbox"/> Undergraduate	

### CHANGES AND REASONS FOR CHANGES

This is a new single degree option for AYA mathematics students in curriculum and instruction.

### APPROVAL:

	Signature	Date
Department Curriculum Authority:		4/16/12
Department Chairperson:		4/16/12
College Curriculum Authority:		4-23-12
College Dean:		

After college approval, submit the original signed form to the Faculty Senate (UH3320) for undergraduate-level courses; for graduate-level courses submit the original signed form to the Graduate School (UH3240).

	Signature	Date
FS Acad. Programs or Graduate Council:		
Office of the Provost:		
Registrar's Office:		

\*Integrated Mathematics  
BE – Single Degree Option

This program prepares students to teach learners from ages 12-21 and grades 7-12

<b>Pre-Professional Education: 12 Hours</b>		
<b>EDU 1700</b> Introduction to Education	3	
<b>ETPT 2020</b> Multi-Media for Educational Environment	3	
<b>SPED 2040</b> Perspectives in Field Exceptionalities	3	
<b>TSOC 3000</b> Schooling & Democratic Society	3	

<b>Professional Education: 41 Hours</b>		
<b>EDP 3250</b> Adol Development/Learning Thry	3	
<b>OR</b> <b>EDP 3200</b> Applied Pysch for Tchr		
<b>CI 3240</b> Best Prac Mid Lvl Tchg ADOL Major	3	
<b>CI 3110</b> Secondary Field Experience Co-requisite w/CI3240	2	
<b>3000-4000 Level Education Elective</b>	3	
<b>CI 4490</b> Content Area Reading	3	
<b>CI 4130</b> Teaching in Urban Community	3	
<b>CI 4160</b> Tchg Methods for Secondary Mathematics	3	
<b>CI 4190</b> Secondary Field Experience II Co-requisite w/CI 4160	3	
<b>CI 4570</b> Curriculum Issues in Mathematics	3	
<b>CI 4910</b> Sem: Reforms, Res & Crit Lit	3	
<b>CI 4930</b> Internship Co-requisite with CI 4910	12	

**Important Reminders**

- You are responsible for meeting prerequisites for all coursework as specified in the University catalog
- Acceptance into professional education requires a 2.7 g.p.a. overall and a 2.7 g.p.a. in professional education and major area of coursework. All transfer work is included g.p.a. calculation. Successful completion of Praxis I
- You are responsible for fulfilling the minimum 128 hour requirement to graduate
- The State of Ohio requires successful completion of the Praxis II to be eligible for licensure upon graduation. This test should be taken just prior to student teaching to allow time for processing
- Requirements subject to change

<b>Mathematics: 48 Hours</b>		
<b>MATH 1830</b> Calc I	4	
<b>Required Courses</b>		
<b>MATH 1840</b> Calc II	4	
<b>MATH 2850</b> Elem Multivar Calc III	4	
<b>MATH 1890</b> Linear Algebra	3	
<b>MATH 2190</b> Found of Math (spring)	3	
<b>MATH 3440</b> Geometry I (fall)	3	
<b>MATH 3510</b> History of Math (fall)	3	
<b>MATH 3610</b> Statistical Meth (fall)	3	
<b>MATH 4680</b> Intro Thry Prob (fall)	3	
<b>MATH 4380</b> Discrete Math (fall)	3	
<b>MATH 3450</b> Geometry II (spring)	3	
<b>MATH 3320</b> Intro Abs Alg (spring)	3	
<b>4000 Level MATH Option Choose From Below</b>	3	
<b>MATH Option Choose From Below</b>	3	
<b>CI 4550</b> Teaching Problem Solving in Math ADOL majors only (fall only)	3	
<b>Mathematics/CI Total</b>	<b>48</b>	

Note: Math 2190 is intended to be taken concurrently with Math 1840/1860, or immediately afterwards, at the latest.

<b>Optional Mathematics Courses</b>		
<b>MATH 3860</b> Diff Eq	3	
<b>MATH 3200</b> Number Theory (spring)	3	
<b>MATH 3190</b> Intro Analysis (fall)	3	
<b>MATH 4300</b> Lin Alg I (fall)	3	
<b>MATH 4880</b> Complex Var (spring)	3	
<b>MATH 4690</b> Intro Math Stats (spring)	3	

**OFFICE USE ONLY**

Initiated by \_\_\_\_\_ Date \_\_\_\_\_  
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Revised 09 April 2012

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Department Chairperson:	<i>Reigh Choulett</i>	4/16/12
College Curriculum Authority:		
College Dean:		

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