INFORMATION SHEET

INTEGRATED MATHEMATICS LICENSURE (GRADES 7-12)
UNDERGRADUATE DEGREE [530702BA]

General Education – 41 hrs.

Professional Education Requirements for Undergraduate Mathematics Students – 41 hrs. required with a "C" or better and a 2.5 GPA or better

		Credits
Phase One: Learning about Learners		
5100:200	Intro to Education	3
5100:220	Educational Psychology	3
5300:100	Orientation: AYA/P-12/Multi-Age	0
5500:230	Educational Technology	3
5610:225	Introduction to Exceptionalities	3
Phase Two: Learning about Teaching		
5100:300	Educational Equity & Excellence	3
5500:360	Educational Planning	3
Phase Three: Learning to Apply the Principles of Teaching		
5500:370	Educational Implementation	3
5300:420	Instructional Techniques: Math	3
5300:421	Field Exper. Inst. Techniques	2
5300:325	Content Reading - Secondary	3
5500:475	Instructional Technology Applications	3
Phase Four: Learning to Teach		
5300:495	Student Teaching‡	8
5300:496	Student Teaching Colloquium	1

Content Requirements for Undergraduate Integrated Mathematics Students – 45 hrs. required with a 2.5 GPA

3450:221	Analytic Geometry-Calculus I	4
3450:222	Analytic Geometry-Calculus II	4
3450:223	Analytic Geometry-Calculus III	4
3460:209	Intro to Computer Science	4
3450:307	Fundamentals of Adv. Math	3
3450:312	Linear Algebra	3
3450:401	History of Mathematics	3
3450:411	Abstract Algebra (3450:307 is prerequisite)	3
3450:441	Concepts in Geometry	4
3470:450	Probability	3
3470:460	Statistical Methods	4
3450:420	Math Tech & Communication	3

Choose one of the following:

3450:421	Advanced Calculus I	3
3650:291	Elementary Classical Physics	3

Minimum number of credits hours required for graduation and licensure 127

College of Education
Pre-Admission Advising Office
Central-Hower Community School
330-972-7750

‡All students must have the approval of the Student Teaching Committee, based upon approved application to student teaching, and passing OAE content test. Planned teaching experience in schools selected and supervised by the Office of Field experiences. Co-requisite 5300:496. To qualify for student teaching, students must have a 2.5 GPA overall, 2.5 in education classes, and 2.5 in the student's major, in methods courses, core courses, and in their teaching field(s). Satisfactory completion of a minimum of 100 hours of field experience is also required before student teaching.

Effective: Spring 2015
Final 2-18-15 [PMcC]

College of Education
Central-Hower Community School
Akron, Ohio 44325-4201
(330) 972-7750

General Education Requirements for Admission to Integrated Mathematics (AYA 7-12) *(2.5 GPA in the following courses.)*

I. Written and Oral Communication (at least 9 credits)
3300:111 (3 cr.) English Composition I (with grade of "C" or better)
3300:112 (3 cr.) English Composition II (with grade of "C" or better)
7600:105 (3 cr.) Intro to Public Speaking (**or** 7600:106)

II. Social Science – minimum of 3 credits. [See bulletin.]

III. Mathematics – minimum of 3 credits
3450:xxx Coursework offered by the Mathematics Department that meets general education math requirement (3450:100 & 140 do not count)
3470:xxx Coursework offered by the Statistics Department that meets general education math requirement.

IV. Natural Science – minimum of 5 credits [See bulletin]

V. Physical Education/Wellness -- minimum 1 credit. [See bulletin.]

VI. Teaching Field(s) – minimum of 8 credits. [Does not include coursework already used above. A 2.50 GPA in all such coursework is required. This includes credits beyond the minimum of 8.]

College of Education Admission Requirements For Those Persons Seeking State of Ohio Licensure

All students must complete the following requirements for admission:

A. College of Education Application for Admission. Responses to the questions on the application will help College of Education advisors offer the most effective and efficient advisement. It will also help advisors know students as individuals with unique backgrounds and experiences. Applications are available online at: http://www.uakron.edu/education/academic-programs/CIS/how-to-apply.dot.

B. Intercollege Transfer (Undergraduate students only). Those students enrolled in another college wishing to complete degree requirements in the College of Education should see their advisor to initiate an intercollege transfer to the College of Education. Those students may not access College of Education core courses prior to admission. Students planning to complete teacher education as part of their degree requirements in another college need not complete an ICT.

C. Grade Point Average of 3.0 or better overall and 2.5 or better overall in prerequisite credit hours from specific courses identified by College Departments.

D. Evidence of competency in reading comprehension and writing as demonstrated by one of the following:
1. A composite ACT score of 21 or higher, or
2. A composite SAT score of 980 (Math and Verbal) or higher, or
3. A grade of "B" or higher in a course that meets the University's General Education English Composition I requirement.

E. Evidence of competency in mathematics as shown by one of the following:
1. A composite ACT score of 21 or higher, or
2. A composite SAT score of 980 (Math and Verbal) or higher, or
3. A grade of "B" or better in a minimum of 3 credits of mathematics that meets the University's General Education mathematics requirement.

F. Signed Criminal Background Check Acknowledgment Form