

BALDWIN-WALLACE COLLEGE
Berea, Ohio 44017

INTEGRATED MATHEMATICS – ADOLESCENT YOUNG ADULT EDUCATION
GRADES 7-12

BALDWIN-WALLACE COLLEGE REQUIREMENTS: 37 (or more) semester hours

<u>COURSE</u>	<u>CREDIT HOURS</u>	<u>COURSE TITLE</u>
REQUIRED COURSES:		
MTH 141	4	Calculus I
MTH 142	4	Calculus II
MTH 243	4	Calculus III
MTH 206	1	Mathematical Logic and Proof Methods
<u>OR</u>	<u>OR</u>	<u>OR</u>
MTH 161	4	Discrete Mathematics I (Note that this class contributes <u>one</u> credit toward the 37-hour requirement and toward the Mathematics major.)
MTH 201	3	History of Mathematics
MTH 211	4	Linear Algebra
MTH 262	3	Discrete Mathematics II
MTH 315	3	College Geometry
MTH 411	4	Abstract Algebra I
MTH 405	4	Mathematical Statistics I
<u>OR</u>	<u>OR</u>	<u>OR</u>
MTH 135	3	Introduction to Probability & Statistics (Note that this class does not count toward the Mathematics major.)

These courses are required for our program to be in compliance with NCATE and State of Ohio requirements.

CHOOSE AT LEAST ONE (1) FROM: (If MTH 405 is selected above, then this portion is satisfied.)

MTH 212	4	Differential Equations
MTH 307	3	Operations Research
MTH 405	4	Mathematical Statistics I

PLUS A TWO-COURSE SEQUENCE FROM AMONG ABSTRACT ALGEBRA I & II, ADVANCED CALCULUS I & II AND MATHEMATICAL STATISTICS I & II.

MTH ____	(3-4)	_____
MTH ____	(3-4)	_____
MTH ____	(3-4)	_____

EDU 357	4	Special Methods: Mathematics (Prerequisites: EDU 340 & 348)
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FOR TRANSFER STUDENTS AT LEAST FOUR (4) COURSES IN MATHEMATICS MUST BE TAKEN AT BALDWIN-WALLACE COLLEGE.

Prescribed courses as listed for this license represent the B-W "Model Program" for licensure. Substitutions in the model program may be approved only by the Chair of the Division of Education, in consultation with the Chair of the Department of Mathematics & Computer Science.