

MIDDLE SCHOOL EDUCATION, GRADES 5-9

Math

EDUCATOR PREPARATION PROGRAM NAME FONTBONNE UNIVERSITY		EDUCATOR PREPARATION PROGRAM CODE 038603	
A. Professional Requirements (Minimum of 45 semester hours)			
1. Content Planning and Delivery			
	Course Number	Course Title	Semester Hours
a. Curriculum and Instructional Planning	EDU269	Critical Skills in the Teaching Profession with Field Experience	1
	EDU271	Introduction to Content Planning, Delivery and Assessment	1
	EDU447	Planning for Instruction and Assessment0 Middle and Secondary	1
b. Instructional Strategies and Techniques in Content Area Specialty	EDU271	Introduction to Content Planning, Delivery and Assessment	1
	EDU313	Methods and Practicum for Middle/Secondary/Community Education	1
c. Assessment, Student Data, and Data-Based Decision-Making	EDU271	Introduction to Content Planning, Delivery and Assessment	1
	EDU447	Planning for Instruction and Assessment0 Middle and Secondary	1
d. Strategies for Content Literacy	EDU350	Methods of Teaching Reading in the Content Areas	0
e. Critical Thinking and Problem Solving	EDU268	Introduction to Learner Development	1
	EDU447	Planning for Instruction and Assessment0 Middle and Secondary	1
f. English Language Learning	EDU270	Introduction to Learner Diversity	.5
	EDU241	Critical Literacy	0
2. Individual Student Needs			
	Course Number	Course Title	Semester Hours
a. Psychological Development of the Child and Adolescent	PSY200	Developmental Psychology	3
b. Psychology/Education of the Exceptional Child	EDU270	Introduction to Learner Diversity	1
c. Differentiated Learning	EDU270	Introduction to Learner Diversity	.5
	EDU313	Methods and Practicum for Middle/Secondary/Community Education	1
d. Classroom Management	EDU401	Behavior Management Techniques Middle /Secondary	3
e. Cultural Diversity	EDU270	Introduction to Learner Diversity	.5
	EDU241	Critical Literacy	0
f. Educational Psychology	EDU268	Introduction to Learner Development	1
3. Schools and the Teaching Profession			
	Course Number	Course Title	Semester Hours
a. Consultation and Collaboration	EDU268	Introduction to Learner Development	1
	EDU270	Introduction to Learner Diversity	.5
b. Legal/Ethical Aspects of Teaching	EDU269	Critical Skills in the Teaching Profession with Field Experience	1
c. Middle School Philosophy and Organization	EDU339	Middle School Philosophy, Curriculum, and Instruction	2

4. Middle School Literacy (Minimum of six semester hours)			
	Course Number	Course Title	Semester Hours
a. Reading and Writing in the Content Area	EDU350	Methods of Teaching Reading in the Content Areas	3
b. Instructional Interventions for Students with Reading Deficits	EDU306	Analysis and Correction of Reading Difficulties	3
5. Content Knowledge for Teaching (Minimum of 24 semester hours with appropriate distribution in one of the following certificate subject areas)			
	Course Number	Course Title	Semester Hours
a. Agricultural Education			
b. Business Education			
c. Technology and Engineering			
d. Language Arts			
e. Mathematics	MTH110	Precalculus	4
	MTH115	Introduction to Statistics	3
	MTH120	Discrete Math	3
	MTH150	Calculus with Analytic Geometry	4
	MTH300	Modeling/Numerical Approximation	3
	MTH305	Readings in the History of Mathematics	2
	MTH320	Elements of Geometry	3
	MTH430	Algebraic Structures	3
f. Science			
g. Social Science			
h. Speech/Theatre			
Professional Requirements - Total Semester Hours			55
B. Field and Clinical Experiences (Minimum of ten semester hours)			
	Course Number	Course Title	Semester Hours
1. Early Field Experiences (Minimum of one semester hour with a minimum of 30 clock hours)	EDU269	Critical Skills in the Teaching Profession with Field Experience	1
2. Mid-Level Field Experiences (Minimum of one semester hour with a minimum of 45 clock hours)	EDU313	Methods and Practicum for Middle/Secondary/Community Education	1
3. Culminating Clinical Experiences (Minimum of eight semester hours with a minimum of 12 weeks in one placement)	EDU456	Student Teaching at the Middle School	10
Field and Clinical Experiences - Total Semester Hours			12