

# MIDDLE LEVEL MATH EDUCATION: SCIENCE MINOR



*An opportunity to gain an associate degree from Delaware Tech and a bachelor's degree from Wilmington University.*

## **YOUR PATH TO A BACHELOR'S DEGREE**

Delaware Tech has established agreements with four-year colleges and universities that connect Delaware Tech associate degree programs with bachelor's degree programs to create smooth transfer opportunities for you. These Connected Degree programs enable you to complete your associate degree and then transfer to a four-year degree program as a junior.

## **THE CONNECTED DEGREE 2 + 2 CURRICULUM**

Delaware Tech's Middle Level Mathematics Education (MLME) associate degree program is the first step towards a career in teaching middle school mathematics. This program will prepare students for transfer to a baccalaureate degree program in a four-year institution. The MLME program will provide rigorous math course work, integrated educational technology, and experiences in a middle school setting. Students who pursue this degree will major in math and have the option to enroll in one of three minor areas of study: science, social science or English. This pathway will enable graduates to obtain dual certification in mathematics and their minor field.

Wilmington University's Bachelor of Science degree program in Middle Level Education – (Grades 6-8) is nationally recognized by the National Middle School Association (NMSA) and by the National Council for Accreditation of Teacher Education (NCATE). Students who wish to teach at this level declare one area (math, science, English, or social science) as his/her major concentration along with an area of minor concentration. Graduates are prepared to become certified to teach at the middle school level.

## **VALUE FOR YOU**

By completing your associate degree at Delaware Tech, you'll receive excellent instruction in small classes at a campus close to home. Delaware Tech's affordable tuition can reduce the overall cost of your college education, making the completion of your bachelor's degree more manageable.

## **MAKING THE CONNECTION**

Refer to the Connected Degree curriculum (on the reverse side of this page) for the sequence of courses needed to complete this program. Call Delaware Tech and let us help you follow the path to your bachelor's degree.



# CONNECTED DEGREE CURRICULUM

## Suggested Course Sequence

ASSOCIATE DEGREE Middle-Level Mathematics Education: Science Minor				BACHELOR'S DEGREE Middle Level Education – Concentration: Math (Minor: Science)			
DELAWARE TECHNICAL & COMMUNITY COLLEGE			CR	WILMINGTON UNIVERSITY			CR
<b>FIRST SEMESTER (FALL)</b>				<b>FIFTH SEMESTER (FALL)</b>			
ETC	101-104	Education Technology Introductory Certificate	4	EDU	102	E-Folio	0
MAT	201	Math for Teachers I	4	EDU	303	Contemporary Theory & Practice in Mid-Level Education	2
ENG	121	Composition	3	EDU	312	Integrated Curriculum in Schools	2
MAT	153	College Math & Statistics	4	EDU	313	Classroom Culture & Student Behavior	2
PSY	121	General Psychology	3	EDU	390	Practicum I	1
			<b>18</b>				<b>7</b>
<b>SECOND SEMESTER (SPRING)</b>				<b>SIXTH SEMESTER (SPRING)</b>			
MAT	185	Precalculus	4	EDU	306	Effective Teaching Strategies	3
MAT	143	College Geometry	3	EDU	391	Practicum II	1
ENG	122	Technical Writing/Communication	3	EDU	401	Instructional Technology	3
PSY	126	Child & Adolescent Psychology	3	HUM	360	Human World Views: 3500 BCE-1650 AD	3
BIO	140	General Biology	4	SCI	315	Applied Chemistry (with Lab)	4
			<b>17</b>				<b>14</b>
<b>THIRD SEMESTER (FALL)</b>				<b>SEVENTH SEMESTER (SUMMER)</b>			
MAT	281	Calculus I	4	SCI	305	Earth and Space Science (with Lab)	4
MAT	251	Finite Math	3	HUM	361	Human World Views: 1650 AD-Present	3
ECE	233	Exceptional Child	3	MAT	308	Inferential Statistics	3
ECO	111	Macroeconomics	3	HIS	204	World History	3
PHY	205	General Physics I	4				<b>13</b>
			<b>17</b>				
<b>FOURTH SEMESTER (SPRING)</b>				<b>EIGHTH SEMESTER (FALL)</b>			
MAT	282	Calculus II	4	EDU	392	Practicum III	1
MAT	263	Principles of Discrete Math	4	EPY	302	Educational Assessment	3
ENG	124	Oral Communications	3	EPY	401	Teaching Diverse Populations & Exceptional Children	3
EDC	220	Parent/Family/School Interaction	3	MAT	332	History of Mathematics	3
VSC	131	Art History I	3	RDG	305	Reading in the Content Areas	3
			<b>17</b>				<b>13</b>
				<b>NINTH SEMESTER (SPRING)</b>			
				EDU	409	Integrated Approaches to Teaching Middle Level Science	3
				EDU	410	Integrated Approaches to Teaching Middle Level Math	3
				EPY	303	Advising Mentoring and Counseling Techniques	3
							<b>9</b>
				<b>TENTH SEMESTER (FALL)</b>			
				EDU	451	Student Teaching	9
				EDU	499	Clinical Assessment in the Classroom	3
							<b>12</b>

- Students must complete a minimum of **126** credits for the bachelor's degree in Middle Level Education: Concentration: Math.
- All WU students are required to have Delaware passing scores on all sections of PRAXIS I and the appropriate PRAXIS II for entry into WU methods courses.
- Course offerings by semester may vary. See your advisor.
- RDG 120, Critical Reading and Thinking, is a required DTCC course unless the student is exempt.

**For more information contact:**

**Delaware Tech**

Dover, Delaware: (302) 857-1743  
 Georgetown, Delaware: (302) 855-1654  
 Wilmington, Delaware: (302) 434-5571

**Wilmington University**

Dover, Delaware: (302) 734-2594  
 Georgetown, Delaware: (302) 856-5780  
 New Castle, Delaware: (877) 967-5464

This articulation agreement is subject to change based on Delaware Tech and senior institution curriculum changes. 01/2010