

**Associate in Arts in Education: Middle Level (4<sup>th</sup> to 8<sup>th</sup> Grade)**  
**to the**  
**Bachelor of Science in Education: Middle Grades Education, Mathematics Concentration**  
**at**  
**Temple University**  
**(Effective Fall 2017)**

<b>(CCP) Recommended Course</b>			<b>Temple University Equivalent</b>	
<b>First Semester</b>			<b>First Semester</b>	
ENGL 101	English Composition I	3	ENG 802	Analytical Reading & Writing
CIS 103	Applied Computer Technology	3	CIS L***	CIS Elective
PSYC 101	Introduction to Psychology	3	PSY 1001	Introduction to Psychology
MATH 171	Calculus I <sup>Note 1</sup>	4	MATH 1041	Calculus I
HIST 101	U.S. History: Colonial America through the Revolutionary Era	3	HIST 1101	U.S. History to 1877
OR	OR		OR	OR
HIST 103	U.S. History: The 20th Century		HIST 1102	U.S. History since 1877
<b>Semester Total:</b>		16		
<b>Second Semester</b>			<b>Second Semester</b>	
ENGL 102	The Research Paper	3	ENG T***	English Elective
ED 201	Introduction to Education <sup>Note 2</sup>	3	EDUC T***	Education Elective
ENGL 221	Survey of American Literature: From the Beginnings to the Civil War	3	ENG 2301	Survey of American Literature I
OR	OR		OR	OR
ENGL 222	Survey of American Literature: From the Civil War to the Present		ENG 2302	Survey of American Literature II
OR	OR		OR	OR
ENGL 251	African-American Literature II <sup>Note 1</sup>		ENG 2402	African American Literature II
MATH 172	Calculus II <sup>Note 1</sup>	4	MATH 1042	Calculus II
BIOL 106	General Biology I <sup>Note 1</sup>	4	BIOL 1012	General Biology II
<b>Semester Total:</b>		17		
<b>Third Semester</b>			<b>Third Semester</b>	
ED 214	Cognition and Learning in the Classroom	3	EDUC T***	Education Elective
PSYC 209	Adolescent Psychology	3	EDUC 2109	Adolescent Development
BIOL 107	General Biology II <sup>Note 1</sup>	4	BIOL 1011	General Biology I
MATH 271	Calculus III <sup>Note 1</sup>	4	MATH 2043	Calculus III
	Content Elective <sup>Note 3</sup> <b>Recommend ANTH 112; ECON 181, 182; GEOG 101, 103, 180, 222; HIST 102, 103, 121, 122 220, 221; POLS 111, 112; RS 151; OR SOC 101, 233</b>	3		Dependent Upon Course Selection
<b>Semester Total:</b>		17		
<b>Fourth Semester</b>			<b>Fourth Semester</b>	
ED 265	Introduction to Special Education and Inclusive Practices	3	SPED 2231	Introduction to Inclusive Education
ED 255	Teaching English Language Learners	3	EDUC T***	Education Elective
ART 103	History of Art: Ancient to Renaissance	3	ARTH 1155	Art Heritage of the Western World I
OR	OR		OR	OR
ART 104	History of Art: Renaissance to		ARTH 1156	Art Heritage of the Western World II

	Modern <sup>Note 3</sup>			
MATH 270	Linear Algebra <sup>Note 1</sup>	4	MATH 2101	Linear Algebra
PHYS 111	General Physics I <sup>Note 1</sup>	4	PHYS 1021	Introduction to General Physics I
	<b>Semester Total:</b>	17		
	<b>Total Credits Taken</b>	67		

Notes:

- 1) It is strongly recommended that students select the following classes at CCP. These classes satisfy major requirements at Temple. Students transferring without these classes may need additional semesters at Temple to complete their degree.
  - MATH 171: Calculus I is equivalent to MATH 1041: Calculus I
  - ENGL 221: Survey of American Literature: From the Beginnings to the Civil War, ENGL 222: Survey of American Literature: From the Civil War to the Present, or ENGL 251: African-American Literature II is equivalent to ENG 2301: Survey of American Literature I, ENG 2302: Survey of American Literature II, or ENG 2402: African American Literature II
  - MATH 172: Calculus II is equivalent to MATH 1042: Calculus II
  - BIOL 106: General Biology I is equivalent to BIOL 1012: General Biology II
  - BIOL 107: General Biology II is equivalent to BIOL 1011: General Biology I
  - MATH 271: Calculus III is equivalent to MATH 2043: Calculus III
  - MATH 270: Linear Algebra is equivalent to MATH 2101: Linear Algebra
  - PHYS 111: General Physics I is equivalent to PHYS 1021: Introduction to General Physics I
- 2) Temple's College of Education will accept ED 201: Introduction to Education as fulfilling the EDUC 2103 requirement through a DARS exception.
- 3) For certification, the Pennsylvania Department of Education requires a minimum number of credits in the areas of Social Studies, Mathematics, Science and Language Arts. It is recommended that students select from the recommended courses to meet these minimum requirements.
- 4) CCP graduates who transfer with the Associate in Arts in Education: Middle Level (4th to 8th Grade) satisfy Temple's GenEd requirements by GenEd-to-GenEd transfer.
- 5) To see how CCP courses might transfer consult Temple's Transfer Equivalency Tool: <http://admissions.temple.edu/transfer-equivalency-tool>.

Clearance and Testing Notice:

In order to register for 3000+ level teacher education program courses, students must have passed the Basic Skills Assessment test criteria set forth by the Pennsylvania Department of Education. Namely, students must have earned minimum scores in one of the following tests: SAT, ACT, PAPA or Praxis Core Academic Skills for Educators. Students must also be in compliance with the College of Education clearances policy.

For additional information about Basic Skills Assessment tests: <http://www.education.pa.gov/Teachers%20-%20Administrators/Certifications/Pages/Certification-Testing.aspx#.Vg6YEvVguw>.

For additional information regarding clearances see: <http://www.temple.edu/education/clearances.html>.

If the suggested classes are successfully completed and an Associate in Arts in Education: Middle Level is awarded, the remaining four semesters for the **Bachelor of Science in Education: Middle Grades Education, Mathematics Concentration** follows:

Remaining Requirements at Temple University		
<b>Fifth Semester</b>		<b>Credits</b>
MATH 2111	Basic Concepts of Math	3
MATH 1013 OR MATH 2031	Elements of Statistics OR Probability and Statistics	3
MATH 1015	Introduction to Numbers and Figures	4
MGRE 3109	Cognitive Development in the Content Areas	3
MGRE 3111	Application of Learning Theory to Middle Grades Education	3
<b>Semester Total:</b>		<b>16</b>
<b>Sixth Semester</b>		
EDUC 2306	Assessment and Evaluation	3
MATH 3061	Modern Geometry	3
MGRE 3145	Teaching and Learning Math in the Middle Grades	3
MGRE 4108	Teaching and Learning Science in the Middle Grades	3
SPED 4109	Education Students with Disabilities in Inclusive Settings	3
<b>Semester Total:</b>		<b>15</b>
<b>Seventh Semester</b>		
MATH 2021 OR MATH 3003	Functions and Modeling OR Theory of Numbers	3
MGRE 3196	Teaching and Learning Literacy in the Middle Grades	3
MGRE 3296	Cultures, Communities, and Families	3
SPED 3187	Integrating Literacy and Special Ed Practicum	3
ENES 3338	Foundations of Language Teaching: Teaching English Language Learners in 4-12	3
<b>Semester Total:</b>		<b>15</b>
<b>Eighth Semester</b>		
MGRE 4888	Student Teaching in Middle Grades	9
MGRE 4801	Senior Seminar and Performance Assessment	3
EDUC 4111	Classroom and Conflict Management in Grades 4-12	3
<b>Semester Total:</b>		<b>15</b>
<i>Credits transferred as part of the AA Education: Middle Level (4<sup>th</sup> to 8<sup>th</sup> Grade):</i>		<b>67</b>
<i>Remaining Credits at Temple for the B.S. in Education: Middle Grades Education, Mathematics Concentration:</i>		<b>61</b>
<b>Total # of Credits Completed to Fulfill the Requirements of the B.S. Education: Middle Grades Education, Mathematics Concentration:</b>		<b>128</b>

Applying:

- 1) To find the online application:
  - a. Go to <http://admissions.temple.edu/apply/transfer-applicant>
  - b. Click on "Apply Online"
- 2) All inquiries about the undergraduate program and application are handled through the Office of Undergraduate Admissions. If you have specific questions about your application or the admission process, please call 215-204-7200.
- 3) Inquiries specific to the Temple Bachelor of Science in Education: Middle Grades Education program or specific course requirements can be directed to the Shimada Resource Center in the College of Education at 215-204-8011.
- 4) Temple University requires that all undergraduate degree candidates complete 45 hours of the last 60 hours of the degree or program as matriculated students at Temple University. If a matriculated student previously took Temple courses on a non-matriculated basis, those courses are counted towards this requirement.