

**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, Science Concentration**  
**at**  
**Temple University**  
**(Effective Fall 2017)**

(CCP) Recommended Course			Temple University Equivalent	
First Semester		Credits	First Semester	
ENGL 101	English Composition I	3	ENG 0802	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 161	Precalculus I <sup>Note 1</sup>	3	MATH 1021	College Algebra
HIST 101 OR HIST 103	U.S. History: Colonial America through the Revolutionary Era OR U.S. History: The 20th Century	3	HIST 1101 OR HIST 1102	U.S. History to 1877 OR U.S. History since 1877
<b>Semester Total:</b>		15		
Second Semester			Second Semester	
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 OR ENGL 222 OR ENGL 251	Survey of American Literature: From the Beginnings to the Civil War Or Survey of American Literature: From the Civil War to the Present <sup>Note 1</sup>	3	ENG 2301 OR ENG 2302 OR ENG 2402	Survey of American Literature I OR Survey of American Literature II OR African American Literature II
MATH 162	Precalculus II <sup>Note 1</sup>	3	MATH 1022	Precalculus
BIOL 106	General Biology I <sup>Note 1</sup>	4	BIOL 1012	General Biology II
<b>Semester Total:</b>		16		
Third Semester			Third Semester	
ED 214	Cognition and Learning in the Classroom	3	EDUC T***	Education Elective
PSYC 209	Adolescent Psychology	3	EDUC 2109	Adolescent Development for Educators
BIOL 107	General Biology II <sup>Note 1</sup>	4	BIOL 1011	General Biology I
CHEM 101	General Chemistry I <sup>Note 1</sup>	4	CHEM 1021 AND CHEM 1023	Introduction to Chemistry I AND Introduction to Chemistry Laboratory I
	Content Elective <sup>Note 3</sup> <b>Recommend one: 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		
Fourth Semester			Fourth Semester	
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 OR ART 104	History of Art: Ancient to Renaissance Or History of Art: Renaissance to Modern <sup>Note 3</sup>	3	ARTH 1155 OR ARTH 1156	Art Heritage of the Western World I OR Art Heritage of the Western World II
CHEM 102	General Chemistry II <sup>Note 1</sup>	4	CHEM 1022 & CHEM 1024	Introduction to Chemistry II & Introduction to Chemistry Lab II
PHYS 111	General Physics I <sup>Note 1</sup>	4	PHY 1021	Introduction to General Physics I
<b>Semester Total:</b>		17		
<b>Total Credits Taken</b>		65		

**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 161: Precalculus I is equivalent to MATH 1021: College Algebra
  - 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 Lit II
  - MATH 162: Precalculus II is equivalent to MATH 1022: Precalculus
  - 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
  - CHEM 101: General Chemistry I is equivalent to CHEM 1021: Introduction to Chemistry I and CHEM 1023: Introduction to Chemistry I Laboratory
  - CHEM 102: General Chemistry II is equivalent to CHEM 1022: Introduction to Chemistry II and CHEM 1024: Introduction to Chemistry II Laboratory
  - 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#.Vg6YEvIVguw>.

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

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

<b>Remaining Requirements at Temple University</b>		
<b>Fifth Semester</b>		<b>Credits</b>
MATH 1015	Introduction to Numbers and Figures	4
PHYS 1004	Introduction to Astronomy	3
EES 2001	Physical Geology	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>17</b>
<b>Sixth Semester</b>		
EDUC 2306	Assessment and Evaluation	3
EES 2096	Climate Change: Oceans to Atmosphere [WI]	4
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>16</b>
<b>Seventh Semester</b>		
SCTC 1301 <sup>Note 1</sup>	Problem Solving in Science	2
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
EDUC 4111	Classroom and Conflict Management in Grades 4-12	3
	<b>Semester Total:</b>	<b>17</b>
<b>Eighth Semester</b>		
MGRE 4888	Student Teaching in Middle Grades	9
MGRE 4801	Senior Seminar and Performance Assessment	3
	<b>Semester Total:</b>	<b>12</b>
	<i>Credits transferred as part of the AA Education: Middle Level (4<sup>th</sup> to 8<sup>th</sup> Grade)</i>	<b>65</b>
	<i>Remaining BS Education: Middle Grades, Science Concentration</i>	62
	<b>Total # of Credits Completed to Fulfill the Requirements for the BS Education: Middle Grades, Science Concentration:</b>	<b>127*</b>
* Minimum 125 credits required for the BS Education, Middle Grades Education, Science Concentration		
Notes:		
1) 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 SCTC 1301 to meet these minimum requirements.		

**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.