

Associate in Arts in Education in the Middle Years (4th to 8th Grade) ^{NOTE 1}
 to the
 Bachelor of Science in Education: Middle Grades Education, Mathematics Concentration
 at
 Temple University
 (Effective Fall 2017)

(MCCC) Recommended Course			Temple University Equivalent	
First Semester			First Semester	
ENG 101	English Composition I	3	ENG 0802	Analytical Reading & Writing
EDU 213	Introduction to Special Education	3	SPED 2231	Introduction to Inclusive Education
EDU 100	Introduction to Education	3	EDUC 2103	Socio-cultural Foundations of Education in the United States
Elective	Core Goal 3: Quantitative Skills Recommend MAT2190: Calculus and Analytic Geometry I ^{Note 2}	4		Dependent upon course selection ^{Note 14}
Elective	Core Goal 6: Intellectual Heritage Recommend HIS 203: History of US to 1877 or HIS 205: History of US from 1877 ^{Note 3}	3		Dependent upon course selection ^{Note 14}
Semester Total:		16		
Second Semester			Second Semester	
EDU 120	Teaching with Technology	3	EDUC 2255	Effective Use of Instructional Technology in Classrooms
EDU 240	Teaching English Language Learners	3	EDUC T***	Education Elective
Elective	Recommend BIO 121: General Biology I ^{Note 4}	4		Dependent upon course selection ^{Note 14}
PSY 204	Adolescent Psychology ^{Note 5}	3	PSY U***	
Elective	Recommend MAT 201: Calculus and Analytic Geometry II ^{Note 6}	4		Dependent upon course selection ^{Note 14}
Semester Total:		17		
Third Semester			Third Semester	
Elective	Recommend BIO 122: General Biology II ^{Note 7}	4		Dependent upon course selection ^{Note 14}
Elective	Recommend MAT 202: Calculus & Analytic Geometry III ^{Note 8}	4		Dependent upon course selection ^{Note 14}
Elective	Recommend MAT 220: Linear Algebra w/ Applications ^{Note 9}	4		Dependent upon course selection ^{Note 14}
BIO 115	Environmental Biology	3	BIO 1002	Ecosystems
Elective	Core Goal 10: Exercise and Health Sciences	2-3		Dependent upon course selection ^{Note 14}
Semester Total:		17-18		
Fourth Semester			Fourth Semester	
Elective	Core Goal 1b: Oral Communication Skills Recommend SPC 120: Public Speaking ^{Note 10}	3		Dependent upon course selection ^{Note 14}
Elective	Core Goal 7: Aesthetic Sensibility and the Arts Recommend ENG 211: Survey of American Literature I or ENG 212: Survey of American Literature II or ENG 246: African American Literature ^{Note 11}	3		Dependent upon course selection ^{Note 14}
Elective	Core Goal 8: Physical and Life Sciences Recommend PHY 121: General Physics I ^{Note 12}	4		Dependent upon course selection ^{Note 14}
Elective	Recommend MAT 131: Introduction to Statistics ^{Note 13}	3		Dependent upon course selection ^{Note 14}
Elective	Recommend a History Course ^{Note 10}	3		Dependent upon course selection ^{Note 14}
Semester Total:		16		
Total Credits Taken		66-67		

Notes:

- 1) To ensure students are eligible to transfer under the terms of Temple's GenEd-to-GenEd agreement, they must complete a mathematics course equivalent to Temple's QA/QB level math. Courses that satisfy this requirement include: MAT 161, 161, or MAT 190. Students who transfer without one of the recommended Mathematics courses will be required to complete Temple's 45+ General Education requirements and will require additional time to degree completion.
- 2) Students should select MAT 190: Calculus and Analytic Geometry. MAT 190 transfer to Temple as MATH 1041: Calculus I and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
- 3) Students should select HIS 203: History of US to 1877 OR HIS 205: History of US from 1877. HIS 203 transfers to Temple as HIST 1101: US History to 1877 and HIS 205 transfers to Temple as HIST 1102: US History since 1877. Either of these courses satisfies a major requirement. Students transferring without one of these courses may require additional time to degree completion.
- 4) Students should select BIO 121: General Biology I. BIO 121 transfers to Temple as BIOL 1012: General Biology II and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
- 5) PSY 204: Adolescent Psychology transfers to Temple as PSY U***. PSY 204 will satisfy EDUC 2109: Adolescent Development for Educators through DARS exception.
- 6) Students should select MAT 201: Calculus and Analytic Geometry II. MAT 202 transfers to Temple as MATH 1042: Calculus II and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
- 7) Students should select BIO 122: General Biology II. BIO 122 transfers to Temple as BIOL 1011: General Biology I and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
- 8) Students should select MAT 202: Calculus & Analytic Geometry III. MAT 202 transfers to Temple as MATH 2043: Calculus III and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
- 9) Students should select MAT 220: Linear Algebra w/ Applications. MAT 220 transfer to Temple as MATH 2101: Linear Algebra and will satisfy a major requirement at Temple. Students transferring without this course may require additional time to degree completion.
- 10) 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.
- 11) Students should select ENG 211: Survey of American Literature I, ENG 212: Survey of American Literature II, or ENG 246: African American Literature. ENG 211 transfer to Temple as ENG 2301: Survey of American Literature I, ENG 212 transfers to Temple as ENG 2302: Survey of American Literature II, and ENG 246 transfers to Temple as ENG 2402: African-American Literature II. Any of these courses will satisfy a major requirement at Temple. Students transferring without one of these courses may require additional time to degree completion.
- 12) Students should select PHY 121: General Physics I. PHY 121 transfers to Temple as PHYS 1021: Elementary Physics I and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
- 13) Students should select MAT 131: Introduction to Statistics. MAT 131 transfers to Temple as MATH 1013: Elements of Statistics and satisfies a major requirement. Students transferring without this course may require additional time to degree completion.
- 14) To see how MCCC courses transfer to Temple, students should refer to 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#.Vg6YEvlVquw>.

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

If the suggested classes are successfully completed, an Associate in Arts in Education in the Middle Years is awarded from MCCC, and the student is certified as having completed MATH 161: Precalculus, the remaining four semesters for the **Bachelor of Science in Education: Middle Grades Education, Mathematics Concentration** degree program are as follows:

Full-time tuition covers the cost of 12-17 credit hours per academic semester		
Remaining Requirements at Temple University		
Fifth Semester		Credits
MATH 2111	Basic Concepts of Math	3
EDUC 2306	Assessment and Evaluation	3
Elective	Choose one of the following: HIST 1103, 1701, 1702, 2103, 2104, 2107 *	3
MGRE 3109	Cognitive Development in the Content Areas	3
MGRE 3111	Applications of Learning Theory to Middle Grades Education	3
Semester Total:		15
Sixth Semester		
MATH 1015	Introduction to Numbers and Figures	4
		3
MATH 3061	Modern Geometry	
MGRE 3145	Teaching and Learning Math in the Middle Grades	3
MGRE 4108	Teaching and Learning Science in the Middle Grades	3
SPED 4109	Educating Students with Disabilities in Inclusive Settings	3
Semester Total:		16
Seventh Semester		
MATH 2021	Function and Modeling	3
OR	OR	
MATH 3003	Theory of Numbers	
MGRE 3196	Teaching and Learning Literacy in the Middle Grades	3
SPED 3187	Integrated Literacy and Special Ed Practicum	3
MGRE 3296	Cultures, Communities and Families	3
ENES 3338	Foundations of Language Teaching: Teaching English Language Learners in 4-12	3
Semester Total:		15
Eighth Semester		
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
Semester Total:		15
<i>Credits transferred as part of the AA Education in the Middle Years 4th through 8th Grade</i>		66-67
<i>Remaining BS Middle Grades Education (Mathematics Concentration) Requirements to complete at Temple</i>		61
Total Credits Completed to Satisfy the Requirements for the BS Middle Grades Education (Mathematics Concentration):		127-128

- a) To find the online application:
 - a. Go to <http://admissions.temple.edu/apply/transfer-applicant>
 - b. Click on "Apply Online"
- b) 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.
- c) 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.
- d) 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.

*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 students select from the recommended courses to meet these minimum requirements.