

## SECONDARY EDUCATION ARTICULATION AGREEMENT GUIDE

Washtenaw Community College – AA in Secondary Education  
Eastern Michigan University – BA or BS in a Secondary Education Major

### Michigan Transfer Agreement (MTA) Requirements (30 credits)

Students with the MTA endorsement on their community college transcript have satisfied EMU's General Education Core Requirements and will be required to complete only the EMU General Education Application Requirements of one Perspectives on a Diverse World course, one Learning beyond the Classroom experience, and one Writing Intensive course in the major. Specific courses listed below for the MTA will satisfy major or minor requirements at WCC and/or EMU. Students who started before Fall 2014 may continue to follow the MACRAO Agreement until the end of summer 2019. Courses approved by WCC to satisfy the MTA can be found on [WCC's website](#).

Washtenaw Community College Courses:	Transfers to Eastern Michigan University as:
<b>1. A course in English Composition</b>	
<sup>1</sup> ENG 111 Composition I..... 4	WRTG 121 Composition II: Researching Public Exp..... 4
<b>2. A second course in English Composition or Communication</b>	
Choose one from the approved MTA list..... 3	University Elective ..... 3
<b>3. A course in Mathematics</b>	
Choose one from the approved MTA list..... 4	University Elective ..... 4
<b>4. Two courses in Natural Sciences from different disciplines (one lab required)</b>	
Choose from approved MTA list..... 7-8	University Electives ..... 7-8
<b>5. Two courses in Humanities and Fine Arts from different disciplines</b>	
Choose one course:..... 3	University Elective ..... 3
ENG 181 African-American Literature	
ENG 214 Literature of the Non-Western World	
ENG 242 Multicultural Literature for Youth	
Choose one course from the approved MTA list..... 3	University Elective ..... 3
<b>6. Two courses in Social Sciences from different disciplines</b>	
*PSY 220 Human Development & Learning ..... 4	EDPS 322 Human Development and Learning ..... 4
Choose one from the approved MTA list..... 3	University Elective ..... 3

**If needed, complete additional courses in any of the categories above to satisfy the 30 credit minimum for the MTA.**

WCC Secondary Education Program Requirements (30-35 credits)	
<sup>1</sup> COM 101 Fundamentals of Speaking..... 3	CTAC 124 Foundations of Speech Communication ..... 3
PSY 100 Introduction to Psychology ..... 3	University Elective ..... 3
<sup>*2</sup> PSY 251 Education of Exceptional Children..... 3	SPGN 251 Intro to Inclusion and Disabilities Studies ..... 3
Choose one course below:..... 3	University Elective ..... 3
HST 121, 122, 123, 201, 202	
<sup>3</sup> Major/Minor Courses..... 18-23	Major/Minor requirements..... 18-23

Select from the WCC courses that apply to secondary education majors and minors on pages 2 through 5.

<b>Credits at WCC: .....60-65</b>	<b>Credits that transfer to EMU..... 60-65</b>
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\*Required for EMU's Secondary Education program.

<sup>1</sup> Admission requirement, with a grade of "C" or higher.

<sup>2</sup> Satisfies EMU's Perspectives on a Diverse World requirement.

<sup>3</sup> There may not be enough transferable courses in some majors or minors to complete WCC's program. Students may take major/minor courses at EMU and transfer them back to WCC in order to complete an Associate degree.

**Sign up with us: If you let us know you are using this articulation agreement we can stay in touch with you and provide information and advising to you while you are still at your community college.**

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### Completion of Secondary Education Program at EMU

#### **Admission to Phase 1 of the Initial Teacher Preparation Program**

Students with a community college GPA of 3.0 or higher, who have completed at least 56 transferable credits and have a minimum math sub-score of 530 on the SAT (if taken after March 1, 2016) or a minimum of 480 on the evidence-based reading and writing portion of the SAT can apply directly to Phase 1. Students without a 3.0 or higher must complete at least 12 credits at EMU to establish an overall GPA of 2.5 and a GPA of 2.5 in the major. The courses listed below for the major or minor may be used for this purpose.

#### **Remaining Major/minor Requirements (30 - 47 credits)**

Students must complete an approved major and (certain teaching majors excepted) minor.

Credit hours are approximate and will vary depending on the major and minor chosen at EMU and the number of major and minor courses completed at the community college.

Major/minor courses ..... 30-47

For information on approved secondary education majors and minors go to the [EMU catalog](#).

#### **Professional Studies (33 credits)**

##### **Phases I Courses (12 credits)**

CURR 305 Curriculum & Methods: Secondary .....	3
EDPS 340 Introduction to Assessment and Evaluation .....	3
PRCT 305L4 Practicum I: Secondary .....	3
SOFD 328W Schools for a Diverse and Democratic Society .....	3

##### **Phase II Courses (12 credits)**

LTEC 330 Instructional Applications of Media and Technology .....	3
PRCT 311L4 Practicum II: Secondary .....	3
RDNG 311 Teaching Reading in Secondary School .....	3
Specialized Methods of Teaching course in subject area .....	3

##### **Phase III Capstone Experience (9 credits)**

<sup>1</sup> EDUC 492L4 Student Teaching .....	9
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**Credits at EMU: ..... 63-77**

*NOTE: Credits are approximate. Credits at EMU and total credits will vary depending on major and minor as well as specific courses selected.*

**Approximate Credits to Graduate: ..... 124-142**

<sup>1</sup> Satisfies EMU's Learning Beyond the Classroom requirement.

### **WCC Courses That Transfer for Secondary Education Majors and Minors**

These courses may be used to satisfy electives in WCC's Secondary Education program. Although all of the courses listed below will transfer to EMU, students should select carefully so that they will be able to meet the minimum requirements at EMU. A minimum of 60 credits toward the program total must be completed at the four-year college level; and at least 9 hours in a major and 6 hours in a minor, both at the 300/400 level, must be completed at EMU. Majors include a minimum of 30 credits and minors a minimum of 20 credits.

#### **Washtenaw Community College:**

#### **Eastern Michigan University:**

##### **Biology Major/Minor**

* BIO 162 General Biology II Cells and Molecules .....	4	BIO 110/111 Introductory Biology I w/lab .....	4
* BIO 161 General Biology I Ecology and Evolution .....	4	BIO 120/121 Introductory Biology II w/lab .....	4
* BIO 208 Genetics .....	4	BIO 301 Genetics .....	4
BIO 215 Cell and Molecular Biology .....	4	BIO 305 Cell and Molecular Biology (3)+1 .....	4
CEM 111 General Chemistry I .....	4	CHEM 121/122 General Chemistry I & Lab .....	4
CEM 122 General Chemistry II .....	4	CHEM 123/124 General Chemistry II & Lab .....	4
CEM 211 & CEM 222 Organic Chemistry I & II .....	8	CHEM 371 & 372 & 373 Organic Chemistry I & II & lab .....	8
PHY 111 General Physics I .....	4	PHY 221 Mechanics, Sound and Heat .....	4
PHY 122 General Physics II .....	4	PHY 222 Electricity and Light .....	4
Choose one course from the following: .....	4-5	One course: .....	4-5
MTH 160 Basic Statistics (4)		STAT 170 Elementary Statistics	
MTH 191 Calculus I (5)		MATH 120 Calculus I	

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**Chemistry Major/Minor**

* CEM 111 General Chemistry I .....	4	CHEM 121/122 General Chemistry I & Lab .....	4
* CEM 122 General Chemistry II .....	4	CHEM 123/124 General Chemistry II & Lab .....	4
CEM 211 & CEM 222 Organic Chemistry I & II .....	8	CHEM 371 & 372 & 373 Organic Chemistry I & II & lab.....	8
MTH 191 Calculus I .....	5	MATH 120 Calculus I.....	5
Complete one course from the following: .....	4-5	One course:.....	4-5
PHY 111 General Physics I (4)		PHY 221 Mechanics, Sound and Heat	
PHY 211 Analytical Physics I (5)		PHY 223 Mechanics and Sound	
Complete one course from the following: .....	4-5	One course:.....	4-5
PHY 122 General Physics II (4)		PHY 222 Electricity and Light	
PHY 222 Analytical Physics II (5)		PHY 224 Electricity and Light	

**Communication and Theatre Arts Teaching Major/Minor**

* COM 102 Interpersonal Communication .....	3	CTAC 227 Interpersonal Communication .....	3
COM 130 Introduction to Mass Communication.....	3	CTAT 130 Introduction to Electronic Media .....	3
* COM 142 Oral Interpretation of Literature .....	3	CTAO 210 Interpretative Reading .....	3
* DRA 180 Theatre Appreciation.....	3	CTAR 150 Introduction to Theatre .....	3
DRA 152 Acting I .....	3	CTAR 158 Fundamentals of Acting.....	3
DRA 204 Improvisational Acting .....	3	CTAR 323 Improvising and Role Play.....	3

**Earth Science Major/Minor**

* GLG 114 Physical Geology .....	4	ESSC 110 The Dynamic Earth System.....	4
<sup>1</sup> BIO 162 General Biology II Cells and Molecules .....	4	BIO 110/111 Introductory Biology I & Lab.....	4
<sup>1</sup> CEM 111 General Chemistry I .....	4	CHEM 121/122 General Chemistry I & Lab .....	4
<sup>1</sup> PHY 111 General Physics I.....	4	PHY 221 Mechanics, Sound and Heat .....	4
<sup>1</sup> Choose one course from the following: .....	4-5	One course:.....	4-5
MTH 160 Basic Statistics (4)		STAT 170 Elementary Statistics	
MTH 191 Calculus I (5)		MATH 120 Calculus I	

(\*MTH 176 will transfer and apply toward the Earth Science minor)

**French Major/Minor**

<sup>1</sup> FRN 111 First Year French I .....	5	FRNH 121 Beginning French .....	5
<sup>1</sup> FRN 122 First Year French II .....	5	FRNH 122 Beginning French .....	5

**Geography/History Comprehensive Major**

GEO 101 World Regional Geography.....	3	GEOG 110 World Regions.....	3
GLG 114 Physical Geology .....	4	ESSC 110 The Dynamic Earth System.....	4
HST 201 United States History to 1877 .....	3	HIST 123 The United States to 1877 .....	3
HST 202 United States History Since 1877 .....	3	HIST 124 The United States, 1877 to Present.....	3
PLS 112 Introduction to American Government .....	3	PLSC 112 American Government .....	3

**German Language and Literature Major/Minor**

<sup>1</sup> GRM 111 First Year German I.....	5	GERN 121 Beginning German .....	5
<sup>1</sup> GRM 122 First Year German II.....	5	GERN 122 Beginning German .....	5

**Integrated Science Comprehensive Group Major [Leave at least 7 credit hours (2 requirements) to complete at EMU]**

BIO 162 General Biology II Cells and Molecules .....	4	BIO 110/111 Introductory Biology I w/lab .....	4
BIO 161 General Biology I Ecology and Evolution.....	4	BIO 120/121 Introductory Biology II w/lab .....	4
CEM 111 General Chemistry I .....	4	CHEM 121/122 General Chemistry I & Lab .....	4
CEM 122 General Chemistry II .....	4	CHEM 123/124 General Chemistry II & Lab .....	4
GLG 114 Physical Geology .....	4	ESSC 110 The Dynamic Earth System.....	4
PHY 211 Analytical Physics I .....	5	PHY 223 Mechanics and Sound.....	5
PHY 222 Analytical Physics II .....	5	PHY 224 Electricity and Light .....	5
MTH 191 Calculus I .....	5	MATH 120 Calculus I (4)+1.....	5
MTH 192 Calculus II .....	4	MATH 121 Calculus II .....	4

\* may be completed for minor.

<sup>1</sup> required support course or prerequisite for the major

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### WCC Courses That Transfer for Secondary Education Majors and Minors

#### **Washtenaw Community College:**

#### **Eastern Michigan University:**

##### **Language, Literature and Writing Major**

Complete one course from the following: .....3  
 ENG 209 Technical Writing III  
 ENG 218 Technical Writing IV

One course:..... 3  
 WRTG 323 Writing in the Professional World (Restricted Elec)  
 WRTG 324 Prin of Technical Communication (Restricted Elec)

##### **Mathematics Major/Minor**

\*MTH 191 Calculus I .....5  
 \*MTH 192 Calculus II .....4  
 \*MTH 197 Linear Algebra.....4  
 MTH 293 Calculus III .....4  
 \*MTH 295 Differential Equations .....4

MATH 120 Calculus I..... 5  
 MATH 121 Calculus II..... 4  
 MATH 122 Elementary Linear Algebra (3)+1 ..... 4  
 MATH 223 Multivariable Calculus ..... 4  
 MATH 325 Differential Equations (Restricted Elective) ..... 4

##### **Physical Science Comprehensive Major**

CEM 111 General Chemistry I .....4  
 CEM 122 General Chemistry II .....4  
 PHY 211 Analytical Physics I .....5  
 PHY 222 Analytical Physics II .....5  
 GLG 114 Physical Geology .....4  
 MTH 191 Calculus I .....5  
 MTH 192 Calculus II .....4

CHEM 121/122 General Chemistry I & Lab ..... 4  
 CHEM 123/124 General Chemistry II & Lab ..... 4  
 PHY 223 Mechanics and Sound..... 5  
 PHY 224 Electricity and Light ..... 5  
 ESSC 110 The Dynamic Earth System..... 4  
 MATH 120 Calculus I (4)+1 ..... 5  
 MATH 121 Calculus II..... 4

##### **Physical Science Group Major-with Biology teaching minor**

CEM 111 General Chemistry I .....4  
 CEM 122 General Chemistry II .....4  
 PHY 211 Analytical Physics I .....5  
 PHY 222 Analytical Physics II .....5  
 MTH 191 Calculus I .....5  
 MTH 192 Calculus II .....4

CHEM 121/122 General Chemistry I & Lab ..... 4  
 CHEM 123/124 General Chemistry II & Lab ..... 4  
 PHY 223 Mechanics and Sound..... 5  
 PHY 224 Electricity and Light ..... 5  
 MATH 120 Calculus I (4)+1 ..... 5  
 MATH 121 Calculus II..... 4

##### **Physical Science Group Major-with Chemistry teaching minor**

GLG 114 Physical Geology .....4  
 PHY 211 Analytical Physics I .....5  
 PHY 222 Analytical Physics II .....5  
 MTH 191 Calculus I .....5  
 MTH 192 Calculus II .....4

ESSC 110 The Dynamic Earth System..... 4  
 PHY 223 Mechanics and Sound..... 5  
 PHY 224 Electricity and Light ..... 5  
 MATH 120 Calculus I (4)+1 ..... 5  
 MATH 121 Calculus II..... 4

##### **Physical Science Group Major-with Earth Science teaching minor**

CEM 111 General Chemistry I .....4  
 CEM 122 General Chemistry II .....4  
 PHY 211 Analytical Physics I .....5  
 PHY 222 Analytical Physics II .....5  
 MTH 191 Calculus I .....5  
 MTH 192 Calculus II .....4

CHEM 121/122 General Chemistry I & Lab ..... 4  
 CHEM 123/124 General Chemistry II & Lab ..... 4  
 PHY 223 Mechanics and Sound..... 5  
 PHY 224 Electricity and Light ..... 5  
 MATH 120 Calculus I (4)+1 ..... 5  
 MATH 121 Calculus II..... 4

##### **Physical Science Group Major-with Physics teaching minor**

CEM 111 General Chemistry I .....4  
 CEM 122 General Chemistry II .....4  
 GLG 114 Physical Geology .....4

CHEM 121/122 General Chemistry I & Lab ..... 4  
 CHEM 123/124 General Chemistry II & Lab ..... 4  
 ESSC 110 The Dynamic Earth System..... 4

\* may be completed for minor.

<sup>1</sup> required support course or prerequisite for the major

##### **Physics Major/Minor**

\*PHY 211 Analytical Physics I .....5  
 \*PHY 222 Analytical Physics II .....5  
 \*MTH 191 Calculus I .....5  
 \*MTH 192 Calculus II .....4  
 \*MTH 197 Linear Algebra.....4  
 \*MTH 293 Calculus III .....4

PHY 223 Mechanics and Sound..... 5  
 PHY 224 Electricity and Light ..... 5  
 MATH 120 Calculus I..... 5  
 MATH 121 Calculus II..... 4  
 MATH 122 Elementary Linear Algebra (3)+1 ..... 4  
 MATH 223 Multivariable Calculus ..... 4

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CEM 111 General Chemistry I.....	4	CHEM 121/122 General Chemistry I & Lab.....	4
BIO 162 General Biology II Cells and Molecules .....	4	BIO 110/111 Introductory Biology I w/lab.....	4
<b>Psychology Minor only</b>			
*PSY 100 Introduction to Psychology.....	3	PSY 101 General Psychology.....	3
Other courses should be selected in consultation with an advisor.			
<b>Social Studies/Economics Comprehensive Major</b>			
ECO 211 Principles of Economics I.....	3	ECON 201 Principles of Macroeconomics.....	3
ECO 222 Principles of Economics II.....	3	ECON 202 Principles of Microeconomics.....	3
GEO 101 World Regional Geography.....	3	GEOG 110 World Regions.....	3
HST 201 United States History to 1877 .....	3	HIST 123 The United States to 1877.....	3
HST 202 United States History Since 1877 .....	3	HIST 124 The United States, 1877 to Present.....	3
PLS 112 Introduction to American Government.....	3	PLSC 112 American Government.....	3
PLS 150 State and Local Government and Politics.....	3	PLSC 202 State and Local Government.....	3
<b>Social Studies/Geography Comprehensive Major</b>			
ECO 211 Principles of Economics I.....	3	ECON 201 Principles of Macroeconomics.....	3
ECO 222 Principles of Economics II.....	3	ECON 202 Principles of Microeconomics.....	3
GEO 101 World Regional Geography.....	3	GEOG 110 World Regions.....	3
HST 201 United States History to 1877 .....	3	HIST 123 The United States to 1877 .....	3
HST 202 United States History Since 1877 .....	3	HIST 124 The United States, 1877 to Present.....	3
PLS 112 Introduction to American Government.....	3	PLSC 112 American Government.....	3
PLS 150 State and Local Government and Politics.....	3	PLSC 202 State and Local Government.....	3
<b>Social Studies/History Comprehensive Major</b>			
ECO 211 Principles of Economics I.....	3	ECON 201 Principles of Macroeconomics.....	3
ECO 222 Principles of Economics II.....	3	ECON 202 Principles of Microeconomics.....	3
GEO 101 World Regional Geography.....	3	GEOG 110 World Regions.....	3
HST 201 United States History to 1877 .....	3	HIST 123 The United States to 1877 .....	3
HST 202 United States History Since 1877 .....	3	HIST 124 The United States, 1877 to Present.....	3
PLS 112 Introduction to American Government.....	3	PLSC 112 American Government.....	3
PLS 150 State and Local Government and Politics.....	3	PLSC 202 State and Local Government.....	3
<b>Social Studies/Political Science Comprehensive Major</b>			
ECO 211 Principles of Economics I.....	3	ECON 201 Principles of Macroeconomics.....	3
ECO 222 Principles of Economics II.....	3	ECON 202 Principles of Microeconomics.....	3
GEO 101 World Regional Geography.....	3	GEOG 110 World Regions.....	3
HST 201 United States History to 1877 .....	3	HIST 123 The United States to 1877 .....	3
HST 202 United States History Since 1877 .....	3	HIST 124 The United States, 1877 to Present.....	3
PLS 112 Introduction to American Government.....	3	PLSC 112 American Government.....	3
PLS 150 State and Local Government and Politics.....	3	PLSC 202 State and Local Government.....	3
PLS 250 Campaigns and Elections .....	3	PLSC 357 Campaigns and Elections.....	3
<b>Spanish Language Teaching Major/Minor</b>			
<sup>1</sup> SPN 111 First Year Spanish I.....	5	SPNH 121 Beginning Spanish I.....	5
<sup>1</sup> SPN 122 First Year Spanish II.....	5	SPNH 122 Beginning Spanish II .....	5
<sup>1</sup> SPN 201 Second Year Spanish I .....	3	SPNH 221 Intermediate Spanish I .....	3
<sup>1</sup> SPN 202 Second Year Spanish II .....	3	SPNH 222 Intermediate Spanish II .....	3

**Other Approved Minors for Secondary Teacher Certification**

Physical Education, Vocational Technical

\* may be completed for minor.

<sup>1</sup> required support course or prerequisite for the major

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### Additional Information:

- Each institution will determine the satisfaction of their individual program and degree requirements. Both institutions agree to accept transferable courses from each other and from other regionally accredited institutions. WCC courses indicated with an \* are required for EMU's Secondary Education Program. Substitutions for these courses must be approved by the EMU program coordinator.
- Students with the MTA endorsement have satisfied the General Education Core Requirement and will only be required to complete the General Education Application requirements of one "Perspectives on a Diverse World" course, one "Learning Beyond the Classroom" (LBC) area, and a writing intensive course in the major. The Perspectives on a Diverse World course may be transferred to EMU.  
*To use the Michigan Transfer Agreement (MTA), students must have an official community college transcript with the "MTA Satisfied" endorsement sent to EMU's Admissions Office. Students who do not have "MTA Satisfied" on their community college transcript will be required to satisfy EMU's general education requirements as applied to transfer students. The MTA may be completed after admission to EMU, however, students should inform their advisors or they may be advised to complete additional courses for the general education program. Students who enrolled in college prior to fall semester 2013 will have until the end of summer semester 2019 to complete the MACRAO agreement. If already on the transcript, the MACRAO designation will be accepted at EMU after August 2019.*
- Only courses with a grade of "C" or better (2.0 on a 4.0 scale) will be accepted for transfer to EMU.
- A minimum of 60 semester hours must be completed at the four-year college/university level. At least 9 hours in the major and 6 hours in the minor at the 300- level or above must be completed at EMU. Of the last 30 semester hours prior to graduation, at least 10 hours must be completed in courses offered by EMU. A minimum of 124 credit hours, completed in-residence or accepted in transfer, is required for graduation.
- Criteria for admission to the program:
  - Completion of 56 credits with a cumulative grade point average (GPA) of 3.0 or higher from all previous institutions, or an EMU GPA of 2.5, based on at least 12 EMU credits, and a GPA of 2.5 in the major.
  - A grade of "C" or higher in the following EMU or equivalent courses: WRTG 121, CTAC 124, a QR course, one lab science, and all of the professional education courses. (PSY 101 required for Special Education)
  - Official scores from the general SAT (if taken after March 1, 2016) with either a math minimum sub-score of 530 or Evidenced-Based Reading and Writing minimum sub-score of 480. Scores from the MTTC Basic Skills Test, Professional Readiness Exam, ACT, or Michigan Merit Exam may be used as well.
  - ICHAT criminal background check, and Statement of Civil/Criminal Convictions.
  - Attendance at Group Advising Session required.
- Students are required to attend an EMU Secondary Education group advising session before completing an admission application to EMU. To facilitate the evaluation of transcripts, students should include a copy of this articulation guide in their application for admission and bring a copy of the articulation guide to the group advising session and all individual advising sessions at EMU.

### Effective Dates: January 1, 2018 until January 1, 2021.

This is a renewal of an agreement made in April 2003 and renewed in September of 2007 and 2011. This agreement is consistent with the 2017-2018 catalog. Students have until summer 2025 to graduate from Eastern Michigan University following this agreement. In the event that a student does not complete the program within seven years they may be required to have their credits reevaluated using the requirements of the current articulation guide.

### Contacts:

**Washtenaw Community College**  
Counseling  
SC 206, 734-677-5102

**Eastern Michigan University**  
Education Advising Center  
206 Porter Building, 734.487.1416  
[Schedule a group or individual advising session](#)