

**EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE**

Macomb Community College– **AAS in Physical Therapist Assistant**  
 Eastern Michigan University – **BS in Exercise Science**

**Macomb Community College Courses:****Eastern Michigan University Courses:****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 General Education Application Requirements of one Perspectives on a Diverse World course, one Learning beyond the Classroom experience, and a writing intensive course in the major. Courses listed below for the MTA also satisfy program requirements at EMU and/or MCC. For MCC approved MTA courses go to [Macomb's website](#).

**1. A course in English Composition**

ENGL 1180 or 1210.....3-4      WRTG 120 University Elective.....3-4

**2. A course in English Composition or Communication**

Choose one from the approved MTA list .....3      University Elective.....3

**3. A course in Mathematics**

Choose one from the approved MTA list .....4      University Elective.....4

**4. Two courses in Natural Sciences from different disciplines (one lab required)**

\*1 BIOL 2710 Human Physiological Anatomy .....6      EXSC 201 & 202 Human Anatomy & Physiology I&II ....6

\*1 PHYS 1180 College Physics I.....4      PHY 221 Mechanics, Sound and Heat .....4

**5. Two courses in Humanities and Fine Arts from different disciplines**

Choose one from: HUMN 1700 or PHIL 2100 .....3      RLST 100 or PHIL 220 University Elective .....3

Choose one from the approved MTA list.....3      University Elective.....3

**6. Two courses in Social Sciences from different disciplines**

PSYC 1010 Introductory Psychology .....4      PSY 101 General Psychology Lecture (3)+1.....4

Choose one from the approved MTA list .....3      University Elective.....3

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

**EMU's Perspectives on a Diverse World requirement:** Complete one course from the following list:

Courses on this list will satisfy an MTA area above: **Communication:** SPCH 2300; **Natural Science:** BIOL 1310; ENVS 1050;

**Humanities:** ENGL 2800, 2810; INTL 2000, 2300, 2800; **Social Sciences:** ANTH 1000; ECON 2110; GEOG 2000; HIST

1260, 1700, 2375, 2520, 2650; POLS 1600; or SOCY 2550

**MCC AAS in Physical Therapist Assistant Program Requirements (48 credits)**

HHSC 1020 Physical Therapy Careers .....1      University Elective.....1

PTAS 1020, 1031, 1070, 1081, 1091, 1140, 1150, 1160, 1170,  
1180, 2110, 2120, 2130, 2140, 2190, 2200, 2340, 2350, 2390,  
2440, 2450, 2460, 2470, 2500 .....46.5      University Elective.....47

**EMU Requirements that May be Taken at MCC or EMU (11 credits)**

\*1 BIOL 1000 General Biology I.....4      BIO 110/111 Introductory Biology I (5)-1 .....4

\*1 BIOL 1400 Fundamentals of Nutrition .....3      DTC 202 **sub for DTC 203 or 204**.....3

\*1 CHEM 1170 General Chemistry I .....4      CHEM 121/122 General Chemistry I.....4

**Credits at MCC:.....87      Credits that transfer to EMU..... 86**

\*Required for EMU's BS in Exercise Science program. If not transferred, must be completed at EMU.

<sup>1</sup> A "B-" or higher is required in all BS in Exercise Science pre-candidacy, required and elective courses.

**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 the BS in Exercise Science at EMU****Major Requirements (38 credits)**

A "B-" or higher is required in all required and elective courses in the exercise science major.

**Required Courses (32 credits)**

EXSC 205	Quantitative Mthds in Exercise Science ...	3
EXSC 300	Exercise Physiology .....	4
EXSC 305	Biomechanics.....	3
<sup>1</sup> EXSC 380W	Exercise and Sport Psychology.....	3
EXSC 405	Pharmacology .....	3
EXSC 410	Exercise Testing.....	4
EXSC 430	Clinical Exercise Electrocardiology .....	3
<sup>1</sup> EXSC 431W	Pathophysiology.....	3
EXSC 432	Exercise Programming and Prescription...3	
EXSC 433	Princ of Sport Performance Training.....3	

**Elective Courses (6 credits)**

Choose 2 courses from the following.

EXSC 408	Exercise Epidemiology (3)
EXSC 412	Endurance Training and Performance (3)
EXSC 415	Diabetes and Obesity (3)
EXSC 418	Human Cadaver Laboratory (3)
EXSC 419	Sports Supplements & Ergogenic Aide (3)
EXSC 435	Echocardiography (3)

Students who successfully complete the Physical Therapy Assistant program at MCC prior to transferring to EMU will have EXSC 144, EXSC 330L4, and EXSC 480L4 waived.

**LBC Requirement (0-3 credits)**

One Learning Beyond the Classroom (LBC) course or noncredit experience must be completed at EMU. Consult advisor for options.

**Credits at EMU: ..... 38**

**Transfer Credits ..... 86**

**Minimum Credits to Graduate:..... 124**

**Sample Full time Sequence:**

*Courses may not be offered every semester. Consult advisor to plan a program of study.*

**Fall Semester Start (13 credits)**

EXSC 205	F,W,S.....	3
EXSC 300	F,W,S.....	4
EXSC 405	F,W; pre-req EXSC 201 & 202 .....	3
EXSC Elective Course	.....	3

**Winter (16 credits)**

EXSC 410	F,W; pre-req EXSC 300 & admitted.....	4
EXSC 430	F,W; pre-req EXSC 300 & admitted.....	3
EXSC 431W	F,W; pre-req EXSC 300 & admitted.....	3
EXSC 432	F,W; pre-req EXSC 410 & admitted.....	3
EXSC Elective Course	.....	3

**Summer (9-12 credits)**

EXSC 305	F,W,S; pre-req PHY 221 & EXSC 201 & 202 ....	3
EXSC 380W	F,W,S; pre-req PSY 101 .....	3
EXSC 433	F,W,S; pre-req: EXSC 300, 305 .....	3
LBC requirement	.....	0-3

<sup>1</sup> Fulfills EMU's Writing Intensive Requirement

*Note: It is recommended you contact EMU as soon as you are considering transferring to receive advising. Please see the contact information for EMU on the third page.*

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### Additional Information:

1. Each institution will determine the satisfaction of their individual program and degree requirements. Both institutions agree to accept transferrable courses from each other and from other regionally accredited institutions. MCC courses indicated with an \* are required for EMU's BS in Exercise Science. Substitutions for these courses must be approved by the EMU program coordinator.
2. 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 General Education Application Requirements of one "Perspectives on a Diverse World" course, one "Learning Beyond the Classroom" experience, and a "Writing Intensive" course in the major. The Perspectives on a Diverse World requirement 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. If already on the transcript, the MACRAO designation will be accepted at EMU after August 2019.*
3. Only courses with a grade of "C" or better (2.0 on a 4.0 scale) will be accepted for transfer to either institution.
4. Under this agreement, EMU will waive the 60-hour rule and require that a minimum of 30 credit hours must be completed in EMU courses, with at least 15 hours in the program at the 300-level or above. Of the last 30 hours completed before graduating, a minimum of 10 credit hours must be in courses offered by EMU. A minimum of 124 credit hours, completed in-residence or accepted in transfer, is required for graduation.
5. Students must satisfy all admission requirements at the time of application for admission to EMU, including submitting transcripts from all previously attended colleges. MCC students will receive equal consideration with other students for course registration and financial aid.
6. Students entering the Exercise Science program are listed as "intents" and will be considered for candidacy when the following criteria are met:
  - a. Declaration of intent to major in exercise science by going to the UACDC website
  - b. An overall GPA at EMU of 2.80
  - c. Completion of all pre-candidacy courses in the Exercise Science major with a "B-" or better
7. Students are encouraged to contact EMU's BS in Exercise Science program coordinator before applying to EMU. To facilitate advising and the evaluation of transcripts, [sign up for this articulation agreement](#) and bring a copy of this articulation guide to all advising sessions.

### Effective Date: September 1, 2019 until August 31, 2022.

This agreement is consistent with the 2019-2020 catalog. Students have until summer 2027 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:

**Macomb Community College**  
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