

EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE

Schoolcraft College – AAS in Physical Education Movement Science
 Eastern Michigan University – BS in Exercise Science

Schoolcraft 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 SC. For SC approved MTA courses go to the community college's website. Students without an MTA or MACRAO endorsement must complete EMU's general education program.

1. A course in English Composition

ENG 101 English Composition 1 3 WRTG 120 Composition I 3

2. A course in English Composition or Communication

ENG 102 English Composition 2 3 WRTG 121 Composition II (GEEC) 3

3. A course in Mathematics

Choose one from the approved MTA list 4 General Transfer Credit 4

Recommend MATH 119 or MATH 129

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

¹ BIOL 101 General Biology 4 BIO 105 Intro to Biology for Non-Majors (GEKN) 4
BIOL 120 should be taken if student plans to attend medical, physical therapy, or physician assistant school.

* CHEM 111 General Chemistry 1 4 CHEM 121/122 General Chemistry I, Lab (GEKN) 4

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

COMA 103 Fundamentals of Speech 3 COMM 124 Found of Speech Communication (GEEC) 3

Choose one from the approved MTA list 3 General Transfer Credit 3

6. Two courses in Social Sciences from different disciplines

* PSYCH 201 Introductory Psychology 3 PSY 101 General Psychology (prereq to EXSC 380W) 3

Choose one from the approved MTA list 3 General Transfer Credit 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:

These courses also satisfy an MTA area: **Natural Science:** BIOL 104; EARTH 120; GEOG 212; **Humanities:** COMA 240; ENG 170; HIST 138; HUM 201, 202, 203, 204; **Social Sciences:** ANTH 112, 201, 214; GEOG 133; HIST 138; POLS 207, 209; SOC 210, 211

These courses apply, but do not satisfy the MTA: BUS 240; EDUC 200; SPE 100

SC Physical Education Movement Science Program Requirements (41-42 credits)

* BIOL 237 Principles of Human Anatomy and Phys I (4) and

* BIOL 238 Principles of Human Anatomy and Phys II (4) 8 EXSC 201, 203, 202, 204 8

Choose one from: BUS 101, 103, 120 3 COB 200, MGMT 000, MKTG 261 3

* PE 111 Introduction to Kinesiology 3 EXSC 144 Intro to Exercise Science (2)+1 3

* PE 112 Introduction to Exercise Physiology (3) and

* PE 143 Fitness Tests and Measurements (3) 6 EXSC 301 & 302 Exercise Physiology/Lab (4)+2 6

PE 121 First Aid and Personal Safety 2 HLED 210 First Aid and CPR Certification 2

PE 147 Exercise Techniques 3 EXSC 000 General Transfer Credit 3

PE 202 Lifestyle Fitness - Wellness 2 PEGN 210 Lifetime Wellness and Fitness 2

PE 207 Facilities Operations 3 EXSC 407 Fitness Center Management 3

PE 212 Applied Exercise Physiology 3 EXSC 000 General Transfer Credit 3

PE 225 Motor Development 3 PHED 260 Motor Development 3

PE 291 Movement Science Internship 3 AACR 000 General Transfer Credit 3

Choose one program elective 2-3 General Transfer Credit 2-3

EMU Requirements and Electives that may be Taken at SC or EMU (4 credits)

* PHYS 181 General Physics 1 4 PHY 221 Mechanics, Sound and Heat (GEKN) 4

Credits at SC: 75-76 Credits that transfer to EMU 75-76

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

1 Note - If preparing for medical school, physical therapy school, or physician assistant school, a student should choose BIO 110/111 and CHEM 121/122 to satisfy the program requirement.

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Completion of the BS in Exercise Science

A student pursuing this major must maintain a minimum GPA of 2.8 while in the program. Students will not be allowed to complete the internship experience (EXSC 481L4 or EXSC 482L4) if their GPA falls below 2.8. In addition, a grade of C or better must be attained in all required and elective courses in the exercise science major. CPR certification by the American Red Cross, American Heart Association, or a similar organization is recommended because many internship sites require it.

Program Requirements (46 credits)

Choose one course from the following	3
DTC 203 Nutrition for Health Professionals	
DTC 204 Sports Nutrition	
Complete all of the following courses:	
EXSC 205 Quantitative Methods in Exercise Science	3
EXSC 305 Biomechanics	3
¹ EXSC 330L4 Practicum in Exercise Science	3
² EXSC 380W Exercise and Sport Psychology	3
EXSC 405 Pharmacology.....	3
EXSC 410 Exercise Testing	4
EXSC 430 Clinical Exercise Electrocardiography	3
EXSC 431W Pathophysiology	3
EXSC 432 Exercise Programming and Prescription	3
EXSC 433 Principles of Sport Performance Training	3
Internship and Restricted Electives	12

Credits at EMU:	46
Transfer Credits:	75-76
Total Credits:	121-122

Option I:	
EXSC 481I4 Internship in Exercise Science (GELB)	3
Choose three courses from the list below	9
Option II	
EXSC 482L4 Internship in Exercise Science	6
Choose two courses from the list below	6

Elective Courses

EXSC 408 Exercise Epidemiology	3
EXSC 412 Endurance Training and Performance.....	3
EXSC 418 Human Cadaver Laboratory	3
EXSC 419 Sports Supplements and Ergogenic Aids	3
EXSC 435 Echocardiography.....	3

Combined Degree Opportunities

Exercise Science has three combined degree opportunities: Exercise Science + Athletic Training, Exercise Science + Exercise Physiology, Exercise Science + Orthotics and Prosthetics. For more information, [see EMU's catalog](#).

¹ Satisfies EMU's Learning Beyond the Classroom Requirement.
² Satisfies EMU's Writing Intensive Requirement

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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 transferable courses from each other and from other regionally accredited institutions. SC 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 46 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. SC students will receive equal consideration with other students for course registration and financial aid.
6. Students are encouraged to contact EMU's Exercise Science Undergraduate Program Coordinator before applying to EMU. To facilitate advising and the evaluation of transcripts, bring a copy of this articulation guide to all advising sessions.

Effective Date: September 1, 2023 until August 31, 2026.

This is a renewal of an agreement made in September 2019. This agreement is consistent with the 2023-2024 catalog. Students have until summer 2031 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.

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[Schedule an appointment](#)