

EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE

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

Washtenaw Community College Courses:**Eastern Michigan University Courses:****Michigan Transfer Agreement (MTA) Requirements (32 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 WCC. For WCC 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 111 Composition I4 WRTG 121 Composition II (GEEC) (3)+1 4

2. A course in English Composition or Communication

Choose one from: COM 101 or COM 1023 COMM 124 (GEEC) or COMM 227 (GEKS) 3

3. A course in Mathematics

MTH 160 Basic Statistics4 STAT 170 Elementary Statistics (GEQR) (3)+1 4

Students who opt to take PHY 221 at EMU will need college algebra and trigonometry prerequisites taken at WCC or EMU.

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

* BIO 111 Anatomy & Phys-Normal Structure & Function5 EXSC 201, 202, and sub for 203 Human Anatomy & Phys (7)-2 5

* CEM 111 General Chemistry I4 CHEM 121 and 122 General Chemistry I and Lab 4

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

PHL 244 Ethical and Legal Issues in Health Care3 PHIL 223 Medical Ethics (GEKH) 3

Choose one from the approved MTA list3 General Transfer Credit 3

Please note PHIL 223 is not a requirement for EMU's Exercise Science program. The course will apply toward EMU graduation requirements if transferred from WCC.

6. Two courses in Social Sciences from different disciplines

* PSY 100 Intro to Psychology3 PSY 101 General Psychology (prereq for EXSC 380W) 3

Choose one from the approved MTA list3 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: **Communication:** COM 225; **Natural Science:** ENV 101, 105; **Humanities:** ART 143, 150; COM 225; DAN 180; DRA 180; ENG 181, 213, 214, 242; FLM 150, 221; HUM 175; MUS 180; **Social Science:** ANT 201; ECO 280; GEO 101; HST 108, 109, 123, 150, 230; PSY 251; SOC 205. **These courses apply, but do not satisfy the MTA:** ECD 240

WCC Physical Therapist Assistant Requirements (40 credits)

HSC 101 Healthcare Terminology1	AHPR 200 Medical Terminology1
HSC 147 Growth and Development3	EDPS 225 Life Span Human Growth & Development3
PTA 100 Fundamentals of Physical Therapy2	AACR 000 General Transfer Credit2
PTA 150 Therapeutic Procedures I3	AACR 000 General Transfer Credit3
PTA 180 Clinical Kinesiology4	EXSC 000 General Transfer Credit4
PTA 160 Therapeutic Procedures II2	AACR 000 General Transfer Credit2
PTA 195 Introduction to Disease2	EXSC 000 General Transfer Credit2
PTA 200 Therapeutic Modalities4	AACR 000 General Transfer Credit4
PTA 220 Therapeutic Exercise I4	AACR 000 General Transfer Credit4
PTA 230 Clinical Education I1	AACR 000 General Transfer Credit1
PTA 198 Soft Tissue Management2	AACR 000 General Transfer Credit2
PTA 225 Therapeutic Exercise II4	AACR 000 General Transfer Credit4
PTA 240 Clinical Education II2	AACR 000 General Transfer Credit2
PTA 250 Clinical Education III5	AACR 000 General Transfer Credit5
PTA 280 Clinical Concepts1	AACR 000 General Transfer Credit1

EMU Requirements and Electives that may be Taken at WCC or EMU (8 credits)

* BIO 162 General Biology II Cells and Molecules4 BIO 110 and 111 Introductory Biology: Cells & Molecules 4

* PHY 111 General Physics I4 PHY 221 Mechanics, Sound and Heat 4

Students who opt to take PHY 221 at EMU will need algebra and trigonometry prerequisites taken at WCC or EMU.

Credits at WCC:80 Credits that transfer to EMU80

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

Note: To enroll in PHY 111 at WCC, students must achieve Academic Reading and Writing Levels of 6, Academic Math Level 7, or Academic Math Level 5 and MTH 178 (general trigonometry) or MTH 180 (precalculus), minimum grade "C" in math courses, may enroll concurrently in either course.

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

Students who successfully complete the Physical Therapist Assistant program at WCC prior to transferring to EMU will have EXSC 144, EXSC 330L4, and EXSC 481L4 or EXSC 482L4 waived.

Major Requirements (42 credits)**Program Requirements (42 credits)**

Choose one course from the following.....3

DTC 203 Nutrition for Health Professionals (3)

DTC 204 Sports Nutrition (3)

Credits at EMU 42

Transfer Credits:..... 80

Total Credits: 122

Complete all of the following courses:

EXSC 204 Human Physiology Laboratory 1

EXSC 205 Quantitative Methods in Exercise Science..... 3

EXSC 301 Exercise Physiology 3

EXSC 302 Exercise Physiology Laboratory 1

EXSC 305 Biomechanics..... 3

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

Choose two Restricted Electives from list below..... 6

Electives

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

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Eastern Michigan University – **BS in Exercise Science**

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. WCC 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 42 or 44 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 120 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. WCC students will receive equal consideration with other students for course registration and financial aid.
6. 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.
7. Students are encouraged to contact EMU's College of Health and Human Services advising office 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, 2022 until August 31, 2025.

This is a renewal of an agreement made in September 2008 and renewed in September 2012, September 2015 (extended in September 2018) and September 2019. This agreement is consistent with the 2022-2023 catalog. Students have until summer 2030 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:

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