

EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE

Washtenaw Community College – **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 [WCC'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 I 4 WRTG 121 Composition II 4

2. A course in English Composition or Communication

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

3. A course in Mathematics

MTH 160 or other from the approved MTA list..... 4 STAT 170 General Education QR..... 4

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

*BIO 111 Anatomy and Physiology..... 5 EXSC 201 and 202 (6)-1 5

*CEM 111 General Chemistry..... 4 CHEM 121/122 General Chemistry I & Lab..... 4

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

PHL 244 Ethical and Legal Issues in Health Care..... 3 PHIL 223 University Elective 3

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

6. Two courses in Social Sciences from different disciplines

* PSY 100 Introduction to Psychology 3 PSY 101 General Psychology (pre-req for EXSC 380W) 3

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:

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, 224, 242; HUM 150, 175, 221; MUS 180; **Social Science:** ANT 201; ECO 280; GEO 101; HST 109, 123, 150, 230, 235; PSY 251, 270; SOC 205. **These courses apply, but do not satisfy the MTA:** CCP 251

WCC Physical Therapist Assistant Program Requirements (40 credits)

HSC 101 Healthcare Terminology..... 1 APHR 200 University Elective 1

HSC 147 Growth and Development 3 EDPS 325 University Elective 3

PTA 100, 150, 160, 180, 195, 198, 200, 220, 225, 230,240,

250, 280 36 AACR Gen University Elective 36

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

*BIO 162 General Biology II Cells and Molecules 4 BIO 110/111 Introductory Biology I & Lab 4

*PHY 111 General Physics I (see note below) 4 PHY 221 Mechanics, Sound and Heat..... 4

Credits at WCC:80 Credits that transfer to EMU..... 80

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

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

Note: Students must achieve Academic Math Level 7 or Academic Math Level 5 and one of MTH 178 or 180 with a minimum grade of "C" to enroll in PHY 111.

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.

EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE

Washtenaw Community College – **Physical Therapist Assistant**

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

Completion of the BS in Exercise Science at EMU

Major Requirements (41 credits)

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

Required Courses (35 credits)

- Choose one from: DTC 203 or 204 3
- EXSC 205 Quantitative Mthds in Exercise Science... 3
- EXSC 300 Exercise Physiology..... 4
- EXSC 305 Biomechanics..... 3
- ¹EXSC 380W Exercise and Sport Psychology 3
- EXSC 405 Pharmacology 3
- EXSC 410 Exercise Testing 4
- EXSC 430 Clinical Exercise Electrocardiology 3
- ¹EXSC 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)

LBC Requirement (0-3 credits)

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

University Electives (3 credits)

EMU requires 124 credits to graduate with a bachelor degree. Under this agreement, a minimum of 3 elective credits must be completed at EMU. Upper level EXSC courses are recommended.

Credits at EMU: 44
Transfer Credits 80
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, pre-req EXSC 201 and 202..... 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 (15 credits)

- Choose one from DTC 203 or 204 3
- 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
- Elective requirement..... 3

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

¹Satisfies 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.

EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE

Washtenaw Community College – AS in Health Program Preparation

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 [WCC'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 I 4 WRTG 121 Composition II 4

2. A course in English Composition or Communication

Choose one from: COM 101 or COM 102 3 University Elective 3

3. A course in Mathematics

MTH 160 Basic Statistics 4 STAT 170 General Education QR 4

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

*BIO 111 Anatomy and Physiology 5 EXSC 201 and 202 (6)-1 5

*CEM 111 General Chemistry 4 CHEM 121/122 General Chemistry I & Lab 4

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

PHL 244 Ethical and Legal Issues in Health Care 3 PHIL 223 University Elective 3

Choose one from the approved MTA list 3 University Elective 3

6. Two courses in Social Sciences from different disciplines

* PSY 100 Introduction to Psychology 3 PSY 101 General Psychology (pre-req for EXSC 380W) 3

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:

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, 224, 242; HUM 150, 175, 221; MUS 180; **Social Science:** ANT 201; ECO 280; GEO 101; HST 109, 123, 150, 230, 235; PSY 251, 270; SOC 205. **These courses apply, but do not satisfy the MTA:** CCP 251

WCC AS in Health Program Preparation Requirements (28 credits)

*BIO 110 Introduction to Exercise Science..... 3	EXSC 144 Introduction to Exercise Science (2)+1 3
*BIO 162 General Biology II Cells and Molecules 4	BIO 110/111 Introductory Biology I & Lab 4
*BIO 201 Physiology of Exercise (4) and	
*BIO 225 Tests and Measurements in Exercise Science (3).. 7	EXSC 300 Exercise Physiology (4)+3 7
HSC 101 Healthcare Terminology..... 1	APHR 200 University Elective 1
*HSC 138 General and Therapeutic Nutrition..... 2	DTC 202 sub for DTC 203 (3)-1 2
*PHY 111 General Physics I (see note below) 4	PHY 221 Mechanics, Sound and Heat..... 4
Open Electives (to meet AS requirements) 7	University Electives 7

EMU Requirements and Electives that May be Taken at WCC or EMU (19 credits)

Open Electives (not to exceed 75 credits)..... 19 University Electives 19

Credits at WCC: 79 Credits that transfer to EMU 79

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

Note: A "B-" or higher is required for all courses in the Exercise Science program.

Note: Students must achieve Academic Math Level 7 or Academic Math Level 5 and one of MTH 178 or 180 with a minimum grade of "C" to enroll in PHY 111.

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.

EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDEWashtenaw Community College – **AS in Health Program Preparation**Eastern Michigan University – **BS in Exercise Science****Completion of the BS in Exercise Science at EMU****Major Requirements (45 credits)**

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

Required Courses (39 credits)

EXSC 205	Quantitative Mthds in Exercise Science...	3
EXSC 305	Biomechanics.....	3
² EXSC 330L4	Practicum in Exercise Science.....	3
¹ EXSC 380W	Exercise and Sport Psychology	3
EXSC 405	Pharmacology	3
EXSC 410	Exercise Testing	4
EXSC 430	Clinical Exercise Electrocardiology	3
¹ EXSC 431W	Pathophysiology.....	3
EXSC 432	Exercise Programming and Prescription..	3
EXSC 433	Princ of Sport Performance Training.....	3
² EXSC 480L4	Internship in Exercise Science.....	8

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)

Credits at EMU: 45

Transfer Credits 79

Minimum Credits to Graduate: 124

¹Satisfies EMU's Writing Intensive requirement.

²Satisfies EMU's Learning Beyond the Classroom 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.

Sample Full time Sequence:

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

Fall Semester Start (12 credits)

EXSC 205	F,W,S.....	3
EXSC 305	F,W,S; pre-req: PHY 221 & EXSC 201 & 202 ...	3
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 433	F,W,S; pre-req: EXSC 300, 305.....	3

Summer (9 credits)

EXSC 330L4	F,W; pre-req EXSC 201 & 202.....	3
EXSC 380W	F,W,S; pre-req PSY 101	3
EXSC Elective Course.....		3

Fall (8 credits)

EXSC 480L4	F,W,S; pre-req: admitted to program	8
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EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE

Washtenaw Community College – **AAS in Physical Therapist Assistant or AS in Health Program**
Preparation
 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 transferrable 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 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 may apply for candidacy in the Exercise Science program when the following requirements are met:
 - a. Declaration of intent to major in exercise science.
 - b. An overall EMU grade point average (GPA) of 2.8 or better. Students entering directly from WCC, who have met the other requirements, may be admitted with a WCC GPA of 2.8 or better. Students must maintain a 2.8 GPA through the end of the program.
 - c. After achieving the above requirements, students must complete the candidacy application form and submit three letters of recommendation (two professional and one personal) and a biographical sketch to their advisor.
6. Students are not allowed to complete the internship experience (EXSC 480) if their GPA falls below 2.8. Any required or elective course for this major completed with less than a B- must be repeated.
7. CPR certification by the American Red Cross or American Heart Association is required as part of this program
8. 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:

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