

**EXERCISE SCIENCE ARTICULATION AGREEMENT GUIDE**

Lansing Community College – **AAS in Kinesiology/Exercise Science**  
 Eastern Michigan University – **BS in Exercise Science**

**Lansing Community College Courses:****Eastern Michigan University Courses:****Michigan Transfer Agreement (MTA) Requirements (38 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 LCC. For LCC approved MTA courses go to LCC's website. Students without an MTA or MACRAO endorsement must complete EMU's general education program.

**1. A course in English Composition**

ENGL 121 or 131 Composition I or Honors Composition I .....4      WRTG 120 Composition I (3)+1 ..... 4

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

ENGL 122 or 132 Composition II or Honors Composition II .....4      WRTG 121 Composition II (3)+1 (GEEC) ..... 4

**3. A course in Mathematics**

<sup>1</sup> MATH 122 Precalculus II (Prereq for LCC PHYS 221) ..... 4      MATH 107 Plane Trigonometry (2)+2..... 4

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

\* CHEM 151/161 General Chemistry I+ Lab .....5      CHEM 121/122 General Chemistry I Lecture and Lab (GEKN) . 5

\* PHYS 221 Introductory Physics (Limited Choice).....4      PHY 221 Mechanics, Sound & Heat (GEKN)..... 4

**5. Two Humanities courses from different disciplines**

Choose one: HIST 215 or 216 .....4      HIST 109 or HIST 110 (GEKH) ..... 4

Choose one: PHIL 151, 152, 153 (152 or 152 recommended).....4      PHIL 130, PHIL 220 (GEKH), PHIL GEKH..... 4

**6. Two Social Science courses from different disciplines:**

SOCL 120 Introduction to Sociology .....4      SOCL 105 Introductory Sociology (3)+1..... 4

\* PSYC 200 Introduction to Psychology .....4      PSY 101 General Psychology (prereq for EXSC 380) (3)+1 ... 4

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

**LCC Kinesiology/Exercise Science Program Requirements (28 credits)**

\* BIOL 201 Human Anatomy (4) AND      EXSC 201 and 203 Human Anatomy/Lab AND

\*BIOL 202 Human Physiology (4).....8      EXSC 202 and 204 Human Physiology/Lab..... 8

PFFT 109 Introduction to Fitness .....1      PEGN 000 General Transfer Credit..... 1

PFHW 163 Healthy Lifestyles .....2      PEGN 210 Lifetime Fitness ..... 2

\* PFKN 170 Foundations of Kinesiology .....3      EXSC 144 Intro to Exercise Science (or PHED 100) (2)+1..... 3

\* PFKN 200 Exercise Physiology .....3      EXSC 301 Exercise Physiology ..... 3

\* PFKN 201 Exercise Physiology Lab .....1      EXSC 302 Exercise Physiology Lab ..... 1

\* PFKN 208 Biomechanics .....3      EXSC 305 Biomechanics ..... 3

PFKN 250 Measurements in Kinesiology .....3      PHED 000 General Transfer Credit..... 3

PFKN 260 Growth & Motor Behavior .....3      PHED 260 Motor Development (2)+1..... 3

PFWT 112 Intro to Weight Training .....1      PEGN 226 Weight Training ..... 1

**EMU Requirements and Electives that may be Taken at LCC or EMU (14 credits)**

\* PFHW 123 Human Nutrition ..... 3      DTC 101 sub for DTC 203 or 204.....3

\* BIOL 127/128 Cell Biology (4) and Organismal Biology (4) ..... 8      BIO 110 and 111 Introductory Biology (5)+3.....8

\*Chose a course approved for Perspectives on a Diverse World: 3      EMU Perspectives on a Diverse World ..... 3

*ANTH 270; BIOL 120; BUSN 210; COMM 280; EDUC 230; ENGL 211, 212, 260, 270; GEOG 200; HIST 150, 214, 216, 240, 250; HUMS 216; MGMT 234; MUSC 241; POLS 201, 260, 270; RELG 212, 232; SOCL 260. Students who do not complete COMM 280 must complete a course approved for the perspectives on a diverse world requirement.*

**Credits at LCC:.....80      Credits that transfer to EMU..... 80**

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

1 LCC MATH 122 is a prerequisite to LCC PHYS 221. Students who opt to take PHYS 221 at EMUMATH 121 and 122 at LCC or the equivalent course at EMU to enroll for EMU PHYS 221.

**ARTICULATION AGREEMENT GUIDE**

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**Completion of the BS in Exercise Science****Major Requirements (40 credits)****Program Requirements (40 credits)**

EXSC 205	Quantitative Methods in Exercise Science .....	3
EXSC 330L4	Practicum in Exercise Science .....	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 one option: Internship & Restricted Electives .....	12

**Option 1**

EXSC 481L4 Internship in Exercise Science (GELB) (3)

Choose three courses from the elective list below (9)

**Option 2**

EXSC 482L4 Internship in Exercise Science (GELB) (6)

Choose two courses from the elective 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

**Credits at EMU:..... 40**

**Transfer Credits:..... 80**

**Total Credits: ..... 120**

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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. LCC 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 40 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. LCC students will receive equal consideration with other students for course registration and financial aid.
6. Students are encouraged to contact EMU's Undergraduate Admissions 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, 2022 until August 31, 2025.

This is a renewal of an agreement made in 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:

**Lansing Community College**

**Eastern Michigan University**

Undergraduate Admissions  
 220 Student Center; 734.487.6453  
[transfer\\_admissions@emich.edu](mailto:transfer_admissions@emich.edu)  
[Schedule an appointment](#)