

MITRANSFER PATHWAYS

ARTICULATION AGREEMENT

EXERCISE SCIENCE

MITRANSFER PATHWAYS ARTICULATION AGREEMENT: EXERCISE SCIENCE

OVERVIEW

In Fall 2017, the Michigan Community College Association (MCCA) and the Michigan Association of State Universities (MASU) received a one-time appropriation from the state of Michigan to support the development of multi-institutional associate to bachelor's degree transfer pathways. MCCA and MASU in partnership with the Michigan Independent Colleges and Universities (MICU) and the Michigan Association of Collegiate Registrars and Admissions Officers (MACRAO) convened the Transfer Steering Committee with more than 30 representatives from colleges and universities from across the state to develop the MiTransfer Pathways project. The MiTransfer Pathways project plan selected 12 programs with high enrollment and/or high labor market demand. The goal of the project was to build multi-institutional transfer pathways so students can enroll at any participating community college, complete an associate degree, transfer, and complete a bachelor's degree in the identified program of study.

In spring and fall of 2019, exercise science faculty from community colleges, public universities, and independent colleges and universities in Michigan met to identify courses that are required, recommended, optional or appropriate in the first and second year of the bachelor's degree programs at all participating universities. We refer to these commonly required courses as "MiTransfer Pathways courses." The MiTransfer Pathways courses in exercise science are:

- Anatomy & Physiology I (w/lab)
- Anatomy & Physiology II (w/lab)
- General Chemistry I
- Introduction to Psychology
- Overview of Exercise Science

These courses have been reviewed by receiving institutions and will be accepted for transfer and applied to the exercise science program at all participating institutions (unless otherwise indicated in this agreement). The participating institutions agreed to establish direct equivalencies between these courses. Direct equivalencies are established when a course at the sending institution transfers as a direct equivalent to the course at the receiving institution and the credit is transcribed as a department and number (i.e. PSY 105) instead of department and no number (i.e. PSY GEN or PSY 100X). Direct equivalency is preferred because students can see how the transferred course applies to the degree program.

In addition to identifying MiTransfer Pathways courses as described above, the faculty also identified Remaining Degree Requirements. The Remaining Degree Requirements identified by receiving institutions (universities) include courses that students can transfer from the community college but were not identified as MiTransfer Pathways courses because they were not accepted at every participating receiving institution. The Remaining Degree Requirements identified by sending

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institutions (community colleges) included courses or requirements that meet community college degree requirements but will not necessarily transfer to participating universities. Participating institutions submitted program worksheets (see Appendices A and B) that outlined these courses. Participating institutions will use these worksheets to communicate requirements to students.

TERMS OF THE AGREEMENT

1. This agreement is effective on August 3, 2020.
2. Participating institutions agree that all courses must be completed with a grade of C (2.0) or better unless otherwise indicated by the receiving institution.
3. Participating institutions agree that to use this agreement, students must apply and be admitted to the participating institution and to the program if the program requires secondary admission. Receiving institutions agree to communicate the application process for institution and program admissions for transfer students on a publicly available website and through advising.
4. Participating institutions agree to accept the Michigan Transfer Agreement (MTA) in accordance with the institutions' MTA policy.
5. Participating institutions agree to award equivalent credit for MiTransfer Pathways courses (see Course Equivalency Matrices in Appendix C) and apply courses to the bachelor's degree requirements unless otherwise noted in the Course Equivalency Exceptions documented in Appendix D. If no direct equivalent exists because the course is not offered or required at the receiving institution, then the receiving institution agrees to accept the course and apply the course toward the Exercise Science degree program. If the community college does not offer the course, the community college should communicate this information to students on a publicly available website and/or the Michigan Transfer Network at mitransfer.org and help students find an equivalent course at other institutions.
6. Participating institutions agree to upload course equivalencies for MiTransfer Pathways courses to the Michigan Transfer Network at mitransfer.org.
7. Receiving institutions agree to accept the Remaining Degree Requirements as outlined in the receiving institutions' Program Worksheet included in Appendix B. Participating institutions agree to work toward awarding direct equivalency for Remaining Degree Requirements, apply courses to the bachelor's degree requirements, and add course equivalencies to the Michigan Transfer Network.

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8. Sending institutions agree that Remaining Degree Requirements identified by community colleges that are not required by the receiving institution may not transfer or may not apply to bachelor's degree requirements at the receiving institution.
9. Alternative credit awarded by the sending institution through AP, CLEP, IB, credit earned through credit for prior learning, or other means may be accepted and applied to the degree program at the discretion of the university. Sending institutions may apply alternative credit to the associate degree, but students should confirm whether or not credit is acceptable at receiving institutions.
10. Students may earn credit from multiple institutions as long as the course was completed at a sending institution that is participating in the agreement. There is no assurance that credits earned from institutions not participating in the agreement will apply.
11. Participating institutions agree to maintain up-to-date course equivalencies and information about their participation with this agreement. This information will be made publicly available through their own systems and on the mittransfer.org website.
12. In the performance of their respective duties and obligations under this Agreement, each Party is an independent contractor, and neither is the agent, employee, or servant of the other. Each is responsible only for its own conduct.

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MAINTENANCE AND REVIEW

Modifications to Worksheets and Equivalencies

Colleges and universities will use the worksheets in Appendix A and B as the basis to advise transfer students. Any changes to program worksheets in Appendix A and B should be communicated to participating institutions as soon as possible to avoid students completing courses that will not transfer.

Changes may include:

- Adding programs in the pathway (e.g., add Environmental Studies to the Biology pathway);
- Modifying, removing, or adding MiTransfer Pathways courses;
- Modifying, removing, or adding courses to the Remaining Degree Requirements;
- Materially modifying the educational experience or content of the MiTransfer Pathways courses.

If any of the aforementioned changes occur, participating institutions are expected to communicate with their sector representative from the Michigan Association of State Universities (MASU), Michigan Community College Association (MCCA), or Michigan Independent Colleges and Universities (MICU). These changes will be vetted among participating institutions, including reviewing and establishing equivalencies where needed. Changes to the worksheets and equivalencies will be documented and available at mitransfer.org website.

Joining the Agreement

Institutions can join the agreement at any time and should contact their sector representative at the Michigan Association of State Universities, the Michigan Community College Association, or the Michigan Independent Colleges and Universities. Institutions that join the agreement will be required to comply with the terms of the agreement.

Renewing the Agreement

This agreement will be up for renewal on June 30, 2022. The Michigan Community College Association, the Michigan Association of State Universities, and the Michigan Independent Colleges and Universities agree to coordinate renewal of this agreement during the 2021-2022 academic year. Participating institutions may choose to leave the agreement at that time.

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SIGNATURES

By signing this agreement, institutions agree to the terms of the agreement and maintenance and review.

MICHIGAN COMMUNITY COLLEGE ASSOCIATION

SIGNATURE	NAME	TITLE	INSTITUTION
<i>Jean Goodnow, Ph.D.</i>	Jean Goodnow, Ph.D.	President	Delta College
<i>Reva Curry, Ph.D.</i>	Reva Curry, Ph.D.	Vice President of Instruction/Learning Services	Delta College
<i>David H. Devier, Ph.D.</i>	David H. Devier, Ph.D.	President	Glen Oaks Community College
<i>Michael M. Goldin, Ph.D.</i>	Michael M. Goldin, Ph.D.	Vice President of Academics	Glen Oaks Community College
<i>David Darrow</i>	David Darrow	Vice President of Academic Services	Gogebic Community College
<i>George McNulty</i>	George McNulty	President	Gogebic Community College
<i>Bill Pink</i>	Bill Pink	President	Grand Rapids Community College
<i>Brian Knetl</i>	Brian Knetl	Provost	Grand Rapids Community College
<i>Michael A. Nealon</i>	Michael A. Nealon	Vice President of Academic Affairs	Henry Ford College
<i>Daniel J. Phelan</i>	Daniel J. Phelan	President	Jackson College
<i>Janis Karazim</i>	Janis Karazim	Dean, Career and Technical Education	Jackson College
<i>Jeremy Frew</i>	Jeremy Frew	Vice President for Instruction and Student Services	Jackson College

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<i>Adrien Bennings</i>	Adrien Bennings	President	Kellogg Community College
<i>Paul R Watson II</i>	Paul R Watson II	Vice President for Instruction	Kellogg Community College
<i>Tom N Shaw</i>	Tom N Shaw	Athletic Director	Kellogg Community College
<i>Tonya P. Forbes</i>	Tonya P. Forbes	Dean, Arts and Sciences	Kellogg Community College
<i>Dr. Steve Robinson</i>	Dr. Steve Robinson	President	Lansing Community College
<i>Donald Ritzenhein</i>	Donald Ritzenhein	Provost & VP for the Learning Unit	Macomb Community College
<i>Jennifer Fager, PhD</i>	Jennifer Fager, PhD	Vice President of Academic Affairs	Mid Michigan College
<i>Richard Smith</i>	Richard Smith	Associate Dean of Academic Outreach, Transfer Liaison	Mid Michigan College
<i>Brandy Bunting</i>	Brandy Bunting	Counselor	Montcalm Community College
<i>Rob Spohr</i>	Rob Spohr	Vice President for Academics	Montcalm Community College
<i>Stacy Young</i>	Stacy Young	President	Montcalm Community College
<i>Dale Nesbary, Ph.D.</i>	Dale Nesbary, Ph.D.	President	Muskegon Community College
<i>Kelley Conrad</i>	Kelley Conrad	Vice President for Academic Affairs	Muskegon Community College
<i>David Roland Finley, Ph.D.</i>	David Roland Finley, Ph.D.	President	North Central Michigan College
<i>Peter Olson, Ph.D.</i>	Peter Olson, Ph.D.	Vice President of Academic Affairs and Student Success	North Central Michigan College
<i>Joseph Balinski</i>	Joseph Balinski	Director of Enrollment Services/ Registrar	North Central Michigan College

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<i>Peter M. Provenzano Jr.</i>	Peter M. Provenzano Jr.	Chancellor	Oakland Community College
<i>Cheryl Hawkins, PhD</i>	Cheryl Hawkins, PhD	Vice President and Chief Academic Officer	Schoolcraft College
<i>Conway Jeffress, PhD</i>	Conway Jeffress, PhD	President	Schoolcraft College
<i>Michele Kelly, PhD</i>	Michele Kelly, PhD	Dean Liberal Arts and Science	Schoolcraft College
<i>Robert Leadley, PhD</i>	Robert Leadley, PhD	Dean Occupational Programs and Economic Development	Schoolcraft College
<i>David W Fleming</i>	David W Fleming	Vice President of Instruction	Southwestern Michigan College
<i>Patrick J. McNally</i>	Patrick J. McNally	Vice Chancellor, Curriculum and Distance Learning	Wayne County Community College District

MICHIGAN ASSOCIATION OF STATE UNIVERSITIES

SIGNATURE	NAME	TITLE	INSTITUTION
<i>Mary C. Schutten</i>	Mary C. Schutten	Provost	Central Michigan University
<i>Thomas J Masterson Jr</i>	Thomas J Masterson Jr	Dean Herbert H. and Grace A. Dow College of Health Professions	Central Michigan University
<i>Robert O. Davies</i>	Robert O. Davies	President	Central Michigan University
<i>Christopher Herman</i>	Christopher Herman	Director, School of Health Promotion and Human Performance	Eastern Michigan University
<i>James Smith</i>	James Smith	President	Eastern Michigan University

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<i>Murali Nair</i>	Murali Nair	Dean, College of Health and Human Services	Eastern Michigan University
<i>Rhonda Longworth</i>	Rhonda Longworth	Provost and Executive Vice President	Eastern Michigan University
<i>Maria C. Cimitile</i>	Maria C. Cimitile	Provost and Executive Vice President for Academic and Student Affairs	Grand Valley State University
<i>Philomena V. Mantella</i>	Philomena V. Mantella	President	Grand Valley State University
<i>Dr. John D. Gaboury</i>	Dr. John D. Gaboury	Associate Provost for Academic Services, Enrollment Management, and Academic Initiatives	Michigan State University
<i>Dr. Samuel L. Stanley Jr., M.D.</i>	Dr. Samuel L. Stanley Jr., M.D.	President, Michigan State University	Michigan State University
<i>Dr. Teresa K. Woodruff</i>	Dr. Teresa K. Woodruff	Provost	Michigan State University
<i>David Hemmer</i>	David Hemmer	Dean, College of Sciences and Arts	Michigan Technological University
<i>Jacqueline Huntoon</i>	Jacqueline Huntoon	Provost and Senior Vice President for Academic Affairs	Michigan Technological University
<i>Megan Frost</i>	Megan Frost	Department Chair, Kinesiology and Integrative Physiology	Michigan Technological University
<i>Richard Koubek</i>	Richard Koubek	President	Michigan Technological University
<i>Elizabeth Wuorinen</i>	Elizabeth Wuorinen	Associate Dean/ Director – School of Health and Human Performance	Northern Michigan University
<i>Kerri Schuiling</i>	Kerri Schuiling	Provost and Vice President for Academic Affairs	Northern Michigan University
<i>C. Michelle Piskulich</i>	C. Michelle Piskulich	Interim Provost	Oakland University

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<i>Deborah Huntley</i>	Deborah Huntley	Provost and Vice President for Academic Affairs	Saginaw Valley State University
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MICHIGAN INDEPENDENT COLLEGES AND UNIVERSITIES

SIGNATURE	NAME	TITLE	INSTITUTION
<i>Amy Rebok Rosenthal</i>	Amy Rebok Rosenthal	Dean, Undergraduate Education	Andrews University
<i>Christon Arthur</i>	Christon Arthur	Provost	Andrews University
<i>Dr. Pete Muir</i>	Dr. Pete Muir	Associate Vice President of Accreditation and Curriculum	Cornerstone University
<i>Dr. Shawn Newhouse</i>	Dr. Shawn Newhouse	Senior Vice President of Traditional Undergraduate Academics	Cornerstone University
<i>Ronald A DeLap</i>	Ronald A DeLap	Associate Vice President, Academic Affairs	Spring Arbor University

APPENDIX A:
Participating Community College MiTransfer Exercise Science Pathway
Worksheets



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Delta College
Degree/Program	Associate in Arts
Credits Required	62

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 152W	Human Anat. & Physiology I	4 (MTA)
Anatomy & Physiology 2 (w/lab)	BIO 153W	Human Anat. & Physiology II	4
General Chemistry I (w/lab)	CHM 101W or CHM 111	Introductory Chemistry or General Chemistry I	5 (MTA)
Overview of Exercise Science	LWT 251	Exercise Physiology	4
Introduction to Psychology	PSY 211W	Intro. to Psychology	4 (MTA)

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Lifelong Wellness	LW 221 or LW & Any LWA	Fitness & Wellness or Lifelong Wellness and 1-LWA Activity	2
		Remaining hours	

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Glen Oaks Community College
Degree/Program	Associate of General Studies – moving to Associate of Arts in Fall 2020
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

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MITRANSFER PATHWAYS COURSES

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Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 210	Human Anatomy & Physiology I	4
Anatomy & Physiology 2 (w/lab)	BIO 211	Human Anatomy & Physiology II	4
General Chemistry I (w/lab)	CHEM 133	General Chemistry I	4
Overview of Exercise Science			
Introduction to Psychology	PSY 101	Psychology	4

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Computer Literacy	CIS 101	Introduction to Computers & Software	4
Electives			15-19
		Remaining hours	19-23



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	GOGEBIC COMMUNITY COLLEGE
Degree/Program	ASSOCIATE OF SCIENCE – General Science
Credits Required	63

MICHIGAN TRANSFER AGREEMENT (MTA)

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The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO250	Human Anatomy	4
Anatomy & Physiology 2 (w/lab)	BIO251	Human Physiology	4
General Chemistry I (w/lab)	CHM151	Gen & Org Chemistry	5
Overview of Exercise Science			
Introduction to Psychology	PSY101	Introduction to Psychology	4

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	COL101	College and Transfer Readiness	1
Program Requirement	Lab Science Electives		11
		Remaining hours	

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Grand Rapids Community College
Degree/Program	Associate of Arts
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

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The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BI 121	Human Anatomy and Physiology I	4 [MTA]
Anatomy & Physiology 2 (w/lab)	BI 122	Human Anatomy and Physiology II	4
General Chemistry I (w/lab)	CHM 130/131	General Chemistry I and Lab	5 [MTA]
Overview of Exercise Science	EXS 184	Introduction to Exercise Science	3
Introduction to Psychology	PY 201	General Psychology	3 [MTA]

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
With advising, students may select an Associate of Arts degree program from the GRCC Catalog , and select the above Exercise Science Pathway Courses. Besides MTA/General Education requirements, GRCC does not have any additional degree requirements (such as government, wellness, etc.) for an Associate of Arts degree. A specific Pre-Exercise Science, A.A. program is not yet offered, but may be in the future.			
		Remaining hours	23

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Henry Ford College
Degree/Program	Fitness Leadership- AAS
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 233	Anatomy and Physiology I (w/lab)	4
Anatomy & Physiology 2 (w/lab)	BIO 234	Anatomy and Physiology II (w/lab)	4
General Chemistry I (w/lab)	CHEM 131	General Chemistry (w/lab)	4
Overview of Exercise Science	N/A	N/A	-
Introduction to Psychology	PSY 131	Introduction to Psychology	3

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	HPE 141	Introduction to Health and Wellness	3
Program Requirement	HPE 151	Methods for Teaching Exercise	3
Program Requirement	HPE 192	Internship in Physical Education	2
Program Requirement	HPE 200	Exercise Facility, Equipment, and Safety	3
Program Requirement	HPE 212	Measurement and Prescription of Fitness and Sports	3
Program Requirement	HPE 258	Advance Strength Training	3

Program Requirement	HPE 260	Nutrition, Health, and Physical Education for the Classroom Teacher	3
Program Requirement	HPE 270	Exercise Physiology	4
Program Requirement	HPEA 122	Yoga-Based Fitness	2
Program Requirement	HPEA 155	Relaxation Techniques for Stress Management	2
Program Requirement	HPEA 110 or HPEA 210	Volleyball I or Volleyball II	2
Program Requirement	HPEA 117 or HPEA 217	Strength Training and Physical Conditioning I or Strength Training and Physical Conditioning II	3
Program requirement	CIS 100 or HCS 131	Introduction to Information Technology or Computers in Health Care	3
Program requirement support course	BBA 131	Introduction to Business	4
		Remaining hours/electives as needed to meet minimum	



EXERCISE SCIENCE MITRANSFER PATHWAY

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Jackson College
Degree/Program	Associate in Science
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 253	Anatomy & Physiology I	4 (MTA)
Anatomy & Physiology 2 (w/lab)	BIO 254	Anatomy & Physiology II	4
General Chemistry I (w/lab)	CEM 141	General Chemistry	5 (MTA)
Overview of Exercise Science			
Introduction to Psychology	PSY 140	Intro to Psychology	4 (MTA)

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
GEO 2: Communication	COM 231 or COM 240	Communication Fundamentals or Interpersonal Communication	3
GEO 7: Diversity	Selection from GEO 7 list		3
First Year Experience	SEM 140	Seminar in Life Pathways	3
		Remaining hours to reach 60 cr. (electives based on transfer institution)	17

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Kellogg Community College
Degree/Program	AS – Concentration in Exercise Science
Credits Required	61

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will “double count” to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 201	Human Anatomy	4
Anatomy & Physiology 2 (w/lab)	BIOL 202	Human Physiology	4
General Chemistry 1 (w/lab)	CHEM 110	General Chemistry I	4
Overview of Exercise Science	PEHL 150	Survey of Kinesiology	1
Intro to Psychology	PSYC 201 or PSYC 201H	Intro to Psychology	3

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	ENGL 151 or ENGL 151H	Freshman Composition	3
Program Requirement	Communication course	Several options	3
Program Requirement	FYS 101	First Year Seminar	1
Program Requirement	CHEM 110	General Chemistry I	4
Program Requirement	MATH 125	College Algebra	4
Program Requirement	BIOL 110	Principles of Biology: Cellular	4
Program Requirement	EMT 110	Medical First Responder	3
Program Requirement	HUSE 230	Nutrition	3
Program Requirement	PEHL 140 or PEHL 102, 108, 114, 120, 126 or 132	Healthy Lifestyles or Active Wellness	2-3
Program Requirement	PEHL 200 or PEP 205	Sports Nutrition or Personal Training	3
Program Requirement	Physical Education Elective		2 - 3
		Remaining hours (electives)	15-17

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Lansing Community College
Degree/Program	Associate of Applied Science: Kinesiology/Exercise Science
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

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The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities. **This applied degree includes MTA requirements.**

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 201	Human Anatomy	4 + lab (32 contact for lab)
Anatomy & Physiology 2 (w/lab)	BIOL 202	Human Physiology	4 + lab (32 contact for lab)
General Chemistry I (w/lab)	CHEM 151/161 or CHEM 182/192	General Chemistry 1 / General Chemistry Lab 1 or Organic Chemistry/Organic Chemistry Lab	5 lecture +2 lab (48 contact for lab – General Chemistry) or 4 lecture + 2 lab (48 contact for lab – Organic Chemistry)
Overview of Exercise Science	PFKN 170	Foundations of Kinesiology	3
Introduction to Psychology	PSYC 200	Introduction to Psychology	4

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	PFFT 100	Total Fitness A-Fitness	2
Program Requirement	PFHW 163	Healthy Lifestyles	2
Program Requirement	PFKN 250	Measurements in Kinesiology	3

Program Requirement	PFKN 260	Growth and Motor Behavior	3
Program Requirement	Electives: PFFT or PFWT activity courses (1-2 credits / 2-3 billing hours); PFHW 123 – Human Nutrition (3 credits 3 billing hours); PFKN 106 – Group Fitness Instructor Prep (3 credits / 4 billing hours); PFKN 200 and 20 Exercise Physiology Lecture and Lab (4 credits / 5 billing hours); PFKN 205 – Sport and Exercise Physiology (3 credits / 3 billing hours); PFKN 208 – Biomechanics (3 credits / 3 billing hours); PFKN 210 – Athletic Training Principles (3 credits / 4 billing hours); PFKN 265 – Exercise – Diverse Populations (3 credits / 3 billing hours); PFKN 270 – Personal Trainer Preparation– (4 credits / 5 billing hours)	Remaining hours	6-9

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Macomb Community College
Degree/Program	Associate of Applied Science - Exercise Science
Credits Required	62

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 & 2 (w/lab)	BIOL 2710	Anatomy and Physiology	6
General Chemistry I (w/lab)	CHEM 1170	General Chemistry 1	4
Introduction to Exercise Science	WHES 2081	Introduction to Exercise Science	3
Introduction to Psychology	PSYC 1010	Introductory Psychology	4

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program	WHES 2015 or WHES 2016	Nutrition or Exercise, Nutrition & Weight Mgt	3
Program	WHES 2022	Lifestyle, Behavior and Disease	3
Program	WHES 2032	Cardio Group Fitness	3
Program	WHES 2042	Strength Training and Health	2
Program	WHES 2070 or WHES 2076	Prevention, Intervention, Treatment of Disease, Illness & Injury or CPR/AED for the Professional Rescuer	3
Program	WHES 2085	Stress Management	2
Program	WHES 2083	Introduction to Exercise Physiology	3
Program	WHES 2065	Biomechanics	3
Program	WHES 2090	Exercise Leadership	3
		Remaining hours	20
		TOTAL CREDITS	62



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Mid Michigan College
Degree/Program	Associate in Science/Health Science Transfer
Credits Required	62

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO.141	Anatomy & Physiology I	4
Anatomy & Physiology 2 (w/lab)	BIO.142	Anatomy & Physiology II	4
General Chemistry I (w/lab)	CHM.111	General Chemistry I	5
Overview of Exercise Science			
Introduction to Psychology	PSY.101	Introduction to Psychology	3

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	MTA Social Science elective		3
Program Requirement	MTA Humanities elective		3
		Remaining hours - 12 elective credits to reach degree minimum of 62	12



EXERCISE SCIENCE MITRANSFER PATHWAY

ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Montcalm Community College
Degree/Program	MITransfer Pathway Exercise Science Associate of Science
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 202	Anatomy & Physiology I	4
Anatomy & Physiology 2 (w/lab)	BIOL 203	Anatomy & Physiology II	4
General Chemistry I (w/lab)	CHEM 220	College Chemistry I	5
Overview of Exercise Science			
Introduction to Psychology	PSYC 120	General Psychology	3

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
MCC General Education Requirement	ENGL 100	Freshman English I	3
MCC General Education Requirement	COMM 220 or 210	Interpersonal Communication or Speech	3
MCC General Education Requirement	POLI 240	American Political System	3
Program requirement	MATH 159	College Algebra	4
		Remaining hours to get to 60	



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Muskegon Community College
Degree/Program	Associate in Science and Arts
Credits Required	62

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mittransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 105L&L	Anatomy and Physiology I	4
Anatomy & Physiology 2 (w/lab)	BIOL 106L&L	Anatomy and Physiology II	4
General Chemistry I (w/lab)	CHEM 101Lec & CHEM 101A	General & Inorganic Chemistry	5
Overview of Exercise Science	Not Offered	Not Offered	
Introduction to Psychology	PSYC 201	General Psychology	4

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Computer Competency	CIS 110 or CIS 120A (or pass CIS110/120A computer competency test)	Computer Concepts or Intro to Computer Information Systems	3
General Education	Physical Education	Selection of Courses	2
General Education	Selection of Courses	Selection of Courses	6
Electives	Selection of Courses	Selection of Courses	16



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	North Central Michigan College
Degree/Program	Associate of Science with a Concentration in Exercise Science
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 235	Human Anat. & Physiology I	4
Anatomy & Physiology 2 (w/lab)	BIO 236	Human Anat. & Physiology II	4
General Chemistry I (w/lab)	CEM 121	Principles of Chemistry I	5
Overview of Exercise Science			
Introduction to Psychology	PSY 161	Intro. to Psychology	3

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Science and Math electives for A.S. degree (need 11-12cr.)	Gen Ed Science Courses and MATH 130 or higher	Varies	11-12
		Remaining hours	2-11



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Oakland Community College
Degree/Program	Associate in Arts
Credits Required	62

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 2630	Human Anatomy and Physiology I	4 (MTA)
Anatomy & Physiology 2 (w/lab)	BIO 2640	Human Anatomy and Physiology II	4
General Chemistry I (w/lab)	CHE 1510	General Chemistry	4 (MTA)
Overview of Exercise Science	Not offered		
Introduction to Psychology	PSY 2510	Introduction to Psychology	3 (MTA)

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
		Remaining hours	28



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Schoolcraft College
Degree/Program	Associate in Science or Associate in General Studies
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mittransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 237	Principles of Anatomy & Physiology 1	4
Anatomy & Physiology 2 (w/lab)	BIOL 238	Principles of Anatomy & Physiology 2	4
General Chemistry I (w/lab)	CHEM 111	General Chemistry 1	4
Overview of Exercise Science	PE 112	Introduction to Exercise Physiology	3
Introduction to Psychology	PSYC 201	Introductory Psychology	4

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
		Remaining hours	41



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Southwestern Michigan College
Degree/Program	AA-Exercise Science
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 214	Basic Human Anatomy	4
Anatomy & Physiology 2 (w/lab)	BIOL 215	Principles of Human Physiology	4
General Chemistry I (w/lab)	CHEM 101	General Chemistry I	5
Overview of Exercise Science	N/A		
Introduction to Psychology	PSYC 101	General Psychology	3

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	EDUC 120	Education Exploration	1
		Remaining hours	13



ASSOCIATE DEGREE PROGRAM INFORMATION

Institution	Wayne County Community College District
Degree/Program	Associate of Science
Credits Required	60

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. See Appendix B for specific mathematics requirements at participating universities.

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 240	Human Anatomy & Physiology I	4
Anatomy & Physiology 2 (w/lab)	BIO 250	Human Anatomy & Physiology II	4
General Chemistry I (w/lab)	CHM 136	General Chemistry I	4
Overview of Exercise Science	N/A		
Introduction to Psychology	PSY 101	Introductory Psychology	3

REMAINING DEGREE REQUIREMENTS

These are additional associate degree requirements that are not MTA or MiTransfer Pathways courses. They might not be accepted for transfer by universities participating in the agreement.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
		Remaining hours	

APPENDIX B:

Participating Four-Year College and University MiTransfer Exercise Science Pathway Worksheets



EXERCISE SCIENCE MiTRANSFER PATHWAY

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Andrews University
Degree/Program	BS Exercise Science
Credits Required	124 for bachelor's; 45 in major

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Admission requirement	MATH 168	Precalculus	4

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 221	Anatomy and Physiology I	4
Anatomy & Physiology 2 (w/lab)	BIOL 222	Anatomy and Physiology II	4
General Chemistry I (w/lab)	CHEM 131	General Chemistry I	4
Overview of Exercise Science	Program Elective	Course coming	
Introduction to Psychology	PSYC 101	Intro to Psych	3

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program	HLED 210	Philosophy of Health	3
Program required Cognate	PHYS 141, 142	General Physics	8



EXERCISE SCIENCE MiTRANSFER PATHWAY

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Central Michigan University
Degree/Program	Bachelor of Science Degree/Exercise Science Major
Credits Required	120

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mittransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Pathway to Calculus	MTH 107	College Algebra	3

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	HSC 214	Human Anatomy	4
Anatomy & Physiology 2 (w/lab)	HSC 215	Human Physiology	4
General Chemistry I (w/lab)	CHM 131 (OR CHM 120 & 127)	General Chemistry I (Survey of Chemistry and Introductory Chemistry Lab)	4 (5)
Overview of Exercise Science	HSC 190	Introduction to Exercise Science	1
Introduction to Psychology	PSY 100	Introduction to Psychology	3

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program requirement	HSC 205	Responding to Emergencies	2
General education & program requirement	FNS 370	Nutrition	3

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Cornerstone University
Degree/Program	Bachelor of Science – Exercise Science Major
Credits Required	120 for degree 51-53 for major

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Math requirement can be fulfilled by ONE of the following	MAT 110	College Math	3-5
	MAT 121	College Algebra	
	MAT 122	Pre-Calculus	
	MAT 131	Calculus I	
Program Requirement	MAT 151	Statistics	3

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 241	Anatomy and Physiology 1	4
Anatomy & Physiology 2 (w/lab)	BIO 242	Anatomy and Physiology 2	4
General Chemistry I (w/lab)	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement		
Overview of Exercise Science	KIN 211	History and Principles of Kinesiology	3
Introduction to Psychology	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement		

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program & Gen. Ed.	BIO 151	General Biology	4
Program	KIN 251	Motor Development and Learning	3

Program (Cardiac Rehab only)	PSY 239	Adult Psychology	3
Program (Cardiac Rehab and pre OT only)	SCI 242	Medical Terminology	2
Program (pre OT only)	PSY 235	Lifespan Development Psychology	3
Program (pre OT only plus gen ed requirement)	SOC 111	Introduction to Sociology	3
Program (pre PT only)	PHY-211	General Physics I	4
Program (pre PT only)	PYS 212	General Physics II	4



EXERCISE SCIENCE MiTRANSFER PATHWAY

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Eastern Michigan University
Degree/Program	Exercise Science, Bachelor of Science
Credits Required	124 hrs

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
	Select from the list of MTA Courses		3 hrs

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	EXSC 201	Human Anatomy	3 hrs
	or BIO 251	Human Anatomy and Physiology I	4 hrs
Anatomy & Physiology 2 (w/lab)	EXSC 202	Human Physiology	3 hrs
	or BIO 252	Human Anatomy and Physiology II	4 hrs
General Chemistry I (w/lab)	CHEM 121/122	General Chemistry I/Lab	4 hrs
Overview of Exercise Science	EXSC 144	Introduction to Exercise Science	2 hrs
Introduction to Psychology	PSY 101	General Psychology Lecture	3 hrs

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	DTC 203 or DTC 204	Nutrition of Health Professionals or Sports Nutrition	3 hrs
General Education Requirement	<i>Perspectives on a Diverse World</i> - Demonstrate the application of learning in either Global Awareness or U.S. Diversity by completing one course, which may be transferred in as a part of the MTA. See EMU Undergraduate Catalog for a list of approved courses.		3 hrs

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Grand Valley State University
Degree/Program	Bachelor of Science in Exercise Science – Clinical Exercise Science
Credits Required	120

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
	STA 215	Intro Applied Statistics	3

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BMS 250**	Anatomy and Physiology I	4
Anatomy & Physiology 2 (w/lab)	BMS 251**	Anatomy and Physiology II	4
General Chemistry I (w/lab)	CHM 109	Introductory Chemistry	4
Overview of Exercise Science	MOV 101	Foundations of Human Movement Science	3
Introduction to Psychology	PSY 101	Introductory Psychology	3

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	BIO 120	General Biology I	4
Program Requirement	BMS 105	Human Nutrition	3
Program Requirement	CHM 231	Introductory Organic Chemistry	4
Program Requirement	CHM 232	Introductory Biological Chem	4
Program Requirement	MOV 217	Principles of Athletic Training	2
Program Requirement	PHY 200	Physics for Life Sciences	4

**Transfer credit granted for the full BMS 208 + BMS 290 + 291 sequence will substitute for the BMS 250 and 251 requirement in the Exercise Science/Clinical major.

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Grand Valley State University
Degree/Program	Bachelor of Science – Exercise Science/Health Fitness Instruction
Credits Required	120

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mittransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
	STA 215	Introductory Applied Statistics	3

MITRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BMS 250**	Anatomy and Physiology I	4
Anatomy & Physiology 2 (w/lab)	BMS 251**	Anatomy and Physiology II	4
General Chemistry I (w/lab)	CHM 109*	Introductory Chemistry	4
Overview of Exercise Science	MOV 101	Foundations of Human Movement Science	3
Introduction to Psychology	PSY 101	Introductory Psychology	3

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	MOV 217	Principles of Athletic Training	2
Program Requirement	BMS 105	Basic Nutrition	3

*CHM 109 is not required for the Health/Fitness Instruction emphasis at GVSU. It will fulfill the Physical Science/Lab requirement in the General Education program.

**Transfer credit granted for the full BMS 208 + BMS 290 + 291 sequence will substitute for the BMS 250 and 251 requirement in the Exercise Science/Health Fitness Instruction major.

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Michigan State University
Degree/Program	Kinesiology
Credits Required	120

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	MTH 103	College Algebra	3
Program Requirement - Select one of the following:	MTH 114 or MTH 124 or STT 200	Trigonometry or Survey of Calculus 1 or Statistical Methods	3

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	KIN 216 or ANTR 350	Applied Human Anatomy	3
Anatomy & Physiology 2 (w/lab)	PSL 250	Introductory Physiology	4
General Chemistry I (w/lab)	CEM 141	General Chemistry	4
	CEM 161	Chemistry Laboratory 1	1
Overview of Exercise Science	KIN GCU	KIN general credit units	3
Introduction to Psychology	PSY 101	Introductory Psychology	4

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	KIN 173	Foundations of Kinesiology	3
Program Requirement	KIN 251	Principles of Human Movement	3

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Michigan Technological University
Degree/Program	Bachelor of Science in Exercise Science
Credits Required	128

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mittransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Statistics	MA3715 or MA2720	Biostatistics or Statistical Methods	3 or 4
Calculus for Life Sciences	MA1135	Calculus for Life Sciences	4

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BL2010	Anatomy and Physiology I	3
	BL2011	Anatomy and Physiology I Lab	1
Anatomy & Physiology 2 (w/lab)	BL2020	Anatomy and Physiology II	3
	BL2021	Anatomy and Physiology II Lab	1
General Chemistry I (w/lab)	CH1150	University Chemistry I	3
	CH1151	University Chemistry Lab I	1
Overview of Exercise Science	KIP1000	Introduction to Exercise Science	1
Introduction to Psychology	PSY2000	Introduction to Psychology	3

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	CH1160	University Chemistry II	3
	CH1161	University Chemistry Lab II	1
Program Requirement	PH1110	College Physics I	3
	PH1111	College Physics I Lab	1
Program Requirement	PH1200	Physics by Inquiry II (Lab)	1
	PH1210	College Physics II	3
Program Requirement	BL2100	Principles of Biochemistry	3

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Northern Michigan University
Degree/Program	B.S./Sports Science
Credits Required	120

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Statistics	MA 109	Intro to Probability & Statistics	4
Calculus (not required, but may be used in required cluster minor)	MA 161	Calculus I	4

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BI 207	Anatomy and Physiology I	4
Anatomy & Physiology 2 (w/lab)	BI 208	Anatomy and Physiology II	4
General Chemistry I (w/lab)	CH 111	General Chemistry I	5
Overview of Exercise Science	ES 110	Intro to Sports Science	1
Introduction to Psychology	PY 101	Introduction to Psychology	4

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	HN 210	Nutrition for Humans	4
Program Requirement	HL 125	Emergency Health Care	3
Program Requirement	CH 112	General Chemistry II	5
Program Requirement	HP 201-299	Any activity course	1
Program Requirement	PH 201	College Physics	5

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Oakland University
Degree/Program	Exercise Science, B.S.
Credits Required	124

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	MTH 1441	Pre-Calculus	4
Program Requirement	STA 2220	Introduction to Statistics	4

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 2100	Human Anatomy	4
Anatomy & Physiology 2 (w/lab)	BIO 2101	Human Anatomy Lab	1
	BIO 2600	Human Physiology	4
General Chemistry I (w/lab)	CHM 1440/1470	General Chem/Lab	4/1
Overview of Exercise Science	EXS 2200	Introduction to Exercise Science	2
Introduction to Psychology	PSY 1000	Introduction to Psychology	4

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	BIO 1200	Biology I	4
Program Requirement	PHY 1010/1100	General Physics I/Lab	4/1
Program Requirement	EXS 1000 or 1100	Exercise (Strength Training) and Health Enhancement or Cardiovascular Fitness Training	2
Program Requirement	EXS 2410 or NTR 2500	Nutrition for Exercise, Sport & Health or Human Nutrition & Health	3 or 4
Program Requirement	EXS 2700	Safety & First Aid in Exercise Settings	2



EXERCISE SCIENCE MiTRANSFER PATHWAY

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Spring Arbor University
Degree/Program	Health & Exercise Science
Credits Required	124

MICHIGAN TRANSFER AGREEMENT (MTA)

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The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
Statistics	HES/PSY/SWK/MAT 351	Statistics	3

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIO 263	Human Anatomy & Physiology	4
Anatomy & Physiology 2 (w/lab)	Not required	General elective credit awarded	
General Chemistry I (w/lab)	CHE 101 or 111	Fund Chem or Gen Chem I	4
Overview of Exercise Science	HPR 151	Intro Hlth, Hum Perf & Rec	3
Introduction to Psychology	PSY 100	Intro to Psychology	3

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs
Program Requirement	HPR 153	Intro to Fitness, Health & WIns	3
Program Requirement	HES 381	Nutrition & Energy Metabolism	3
Program Requirement	HES/BIO 365	Intro to Pharmacology	3



EXERCISE SCIENCE MiTRANSFER PATHWAY

BACHELOR'S DEGREE PROGRAM INFORMATION

Institution	Saginaw Valley State University
Degree/Program	BS. Exercise Science
Credits Required	124

MICHIGAN TRANSFER AGREEMENT (MTA)

The MiTransfer Pathways builds on the Michigan Transfer Agreement (MTA). The MTA allows transfer students to select designated courses to complete a minimum of 30 credit hours fulfilling MTA distribution requirements. Students following MiTransfer Pathway agreements should complete the MTA in accordance with the sending institutions' course designations and consider whether any recommended MiTransfer Pathways major-specific courses will "double count" to fulfill MTA distribution requirements in planning their transfer. More information about the MTA is available at www.mitransfer.org.

The MTA Mathematics distribution area allows students to complete one of three math pathways. The Exercise Science MiTransfer Pathways faculty recommended that students complete a course in the Pathway to Calculus. Designate the required mathematics course(s) in your program below. Add lines as necessary.

Mathematics Requirement(s)	Subject/ Course Number	Course Title	Credit Hrs
	MATH 132A <i>or</i> MATH 132B	Statistical Methods: General Stats <i>or</i> Statistical Methods: Bio Stats	4

MiTRANSFER PATHWAYS COURSES

These courses are commonly agreed upon for transfer in this program around the state among participating institutions.

Pathway Course	Subject/ Course Number	Course Title	Credit Hrs
Anatomy & Physiology 1 (w/lab)	BIOL 1AP1, <i>or</i> BIOL 2AP1, <i>or</i> BIO 232	Physiology & Anatomy I	4
Anatomy & Physiology 2 (w/lab)	BIOL 1AP2, <i>or</i> BIOL 2AP2, <i>or</i> BIO 233	Physiology & Anatomy II	3
General Chemistry I (w/lab)	CHEM 111 & Chem 111L	General Chemistry	4
Overview of Exercise Science	KINE 100	Introduction to Kinesiology	1
Introduction to Psychology	PSYC 100	General Psychology	4

REMAINING DEGREE REQUIREMENTS

These are required, recommended, or optional courses that transfer students could complete at a community college to fulfill degree requirements at the university/ receiving institution. Add lines as necessary.

General Education or Program Requirement	Subject/ Course Number	Course Title	Credit Hrs

APPENDIX C:
MiTransfer Exercise Science Pathway Course Equivalencies

Find live versions of each of these reports in the secure user area at www.mittransfer.org.

EX SCI MiTransfer Pathway A&P I	Central Michigan University	Eastern Michigan University	Eastern Michigan University	Grand Valley State University	Michigan State University	Michigan State University	Michigan Technological University	Michigan Technological University	Northern Michigan University	Oakland University	Oakland University	Saginaw Valley State University	Saginaw Valley State University	Saginaw Valley State University	Andrews University	Cornerstone University	Spring Arbor University
By Receiving Institution	HSC 214	BIO 251	EXSC 201	BMS 250	ANTR 350	KIN 216	BL 2010	BL 2011	BI 207	BIO 2100	BIO 2101	BIOL 1AP1	BIOL 232	BIOL 2AP1	BIOL 221	BIO 241	BIO 263
		BIO 251 OR EXSC 201			ANTR 350 OR KIN 216							BIOL 1APA OR BIOL 232 OR BIOL 2AP1					
Community College¹																	
Delta College	BIO 152W BIO 153W BIO 240	BIO 152W	BIO 152W BIO 153W	BIO 152 BIO 152W	BIO 152W BIO 153W BIO 240		BIO 152W BIO 140	BIO 152W BIO 140	BIO 131 BIO 152 BIO 152W BIO 241 BIO 240	BIO 240 BIO 241 BIO 240	BIO 241 BIO 240	BIO 152	BIO 240		BIO 152W	BIO 152	BIO 140 BIO 140W
Glen Oaks Community College	BIO 210 BIO 211	BIO 210		BIO 210 NSA 210	BIO 210 BIO 211 NSA 210 NSA 211		BIO 210	BIO 210	BIO 210 NSA 105 NSA 210	BIO 211 BIO 210	BIO 211 BIO 210			BIO 210	BIO 210 NSA 210	BIO 210	BIO 210
Gogebic Community College	BIO 250	BIO 250	BIO 250	See Appendix D	BIO 250		See Appendix D	See Appendix D	BIO 160 BIO 250 BIO 251	BIO 250 BIO 251 BIO 250	BIO 251 BIO 250			BIO 250	BIO 250	See Appendix D	BIO 105
Grand Rapids Community College	BI 121 BI 122	BI 121	BI 121 BI 122	BI 121	BI 121 BI 122		BI 121	BI 121	BI 121 BIO 121	BI 121 BI 122	BI 121 BI 122	BI 121			BI 121	BI 121	BI 117
Henry Ford College	BIO 233 BIO 234	BIO 233 BIO 234	BIO 233 BIO 234	BIO 233	BIO 233 BIO 234		BIO 233	BIO 233	BIO 233	BIO 233 BIO 234	BIO 233 BIO 234			BIO 233	BIO 233	BIO 233	BIO 133 BIO 134
Jackson College	BIO 253 BIO 254	BIO 253	BIO 253 BIO 254	BIO 253	BIO 253 BIO 254		BIO 253	BIO 253	BIO 253	BIO 253 BIO 254	BIO 253 BIO 254			BIO 253	BIO 253 BIO 1554	BIO 253	BIO 155 BIO 254
Kellogg Community College	BIOL 201	BIOL 201	BIOL 201	See Appendix D	BIOL 201		See Appendix D	See Appendix D	BIOL 202 BIOL 201	BIOL 201	BIOL 201			BIOL 201	BIOL 201	See Appendix D	BIOL 105
Lansing Community College	BIOL 201	BIOL 201 BIOL 202	BIOL 201 BIOL 202	See Appendix D	BIOL 201 ANAT 201		See Appendix D	See Appendix D	ANAT 151 BIOL 201 BIOL 202	BIOL 201	BIOL 214			BIOL 201	BIOL 145 BIOL 201	See Appendix D	BIOL 145
Macomb Community College	BIOL 2710	BIOL 2710	BIOL 2710	BIOL 2710	BIOL 2310 BIOL 2710		BIOL 2710	See Appendix D	BIOL 2310	BIO 231 BIOL 2310 BIOL 2710	BIO 271 BIO 271 BIOL 2310 BIOL 2710			BIOL 2710	BIOL 2710	See Appendix D	BIOL 2710
Mid Michigan College	BIO 141 BIO 142	BIO 138 BIO 141 BIO 142	BIO 141 BIO 142	BIO 141	BIO 141 BIO 142		BIO 141	BIO 141	BIO 141	BIO 142 BIO 141	BIO 142 BIO 141	BIO 141			BIO 141	BIO 141	BIO 138
Montcalm Community College	BIOL 202 BIOL 203	BIOL 202	BIOL 105 BIOL 202	BIOL 202	BIOL 202 BIOL 203		BIOL 202	BIOL 202	ANATOMY 001 BIOL 202	BIOL 203 BIOL 202	BIOL 203 BIOL 202			BIOL 202	BIOL 202	BIOL 202	BIOL 105
Muskegon Community College	BIOL 105L&L BIOL 106L&L		BIOL 105L&L BIOL 106L&L	BIOL 105 BIOL 106 BIOL 105	BIOL 105L&L BIOL 106L&L		See Appendix D	See Appendix D	BIOL 105L	BIOL 105 BIOL 106	BIOL 105 BIOL 106	BIOL 105			BIOL 105L&L	BIOL 105	BIOL 105
North Central Michigan College	BIO 235 BIO 236	BIO 235 BIO 236	BIO 235 BIO 236	BIO 235	BIO 235 BIO 236		BIO 235	BIO 235	BIO 235	BIO 236 BIO 236	BIO 236 BIO 236			BIO 235	BIO 235	BIO 235	BIO 236 BIO 235
Oakland Community College	BIO 2630 BIO 2640	BIO 2630 BIO 2640	BIO 2630 BIO 2640	BIO 2630		BIO 1600	BIO 2630	BIO 2630	BIO 1630 BIO 2630	BIO 1630 BIO 1640 BIO 2640 BIO 1630 BIO 2630 BIO 2640 BIO 1640 BIO 2630 BIO 163 BIO 164 BIO 163 BIO 2640	BIO 1630 BIO 1640 BIO 2640 BIO 1630 BIO 2630 BIO 2640 BIO 1640 BIO 2630 BIO 163 BIO 164 BIO 163 BIO 2640			BIO 2630	BIO 2630	BIO 2630	BIO 2640
Schoolcraft College	BIOL 237 BIOL 238	BIOL 237	BIOL 236 BIOL 237 BIOL 238	BIOL 237	BIOL 236 BIOL 237 BIOL 238		BIOL 237	BIOL 237	BIOL 237	BIOL 237 BIOL 238	BIOL 237 BIOL 238			BIOL 237	BIOL 237	BIOL 237	BIOL 238 BIOL 237
Southwestern Michigan College	BIOL 214		BIOL 214	See Appendix D	BIOL 214		See Appendix D	See Appendix D	BIOL 214 BIOL 215 BIOL 214 BIOL 215	BIOL 214 BIOL 214 BIOL 215 BIOL 214	BIOL 214 BIOL 215 BIOL 214			BIOL 214	BIOL 214	See Appendix D	BIOL 214/215 BIOL 201
Wayne County Community College District	BIO 240 BIO 250	BIO 240	BIO 240 BIO 250	BIO 240	BIO 240 BIO 250		BIO 240	BIO 240	BIO 240	BIO 250 BIO 240	BIO 250 BIO 240			BIO 240	BIO 240	BIO 240	BIO 235/6 BIO 225/6 BIO 250 BIO 235 BIO 240

¹ Alpena Community College, Bay College, Kalamazoo Valley Community College, Kirtland Community College, Lake Michigan College, Monroe County Community College, Mott Community College, Northwestern Michigan College, St. Clair County Community College, Washtenaw Community College, and West Shore Community College are not participating in the Exercise Science Pathway.

EX SCI MiTransfer Pathway A&P II		Central Michigan University	Eastern Michigan University	Eastern Michigan University	Grand Valley State University	Michigan State University	Michigan Technological University	Michigan Technological University	Northern Michigan University	Oakland University	Saginaw Valley State University	Saginaw Valley State University	Saginaw Valley State University	Andrews University	Cornerstone University	Spring Arbor University
By Receiving Institution																
	HSC 215	BIO 252	EXSC 202	BMS 251	PSL 250	BL 2020	BL 2021	BI 208	BIO 2600	BIOL 1AP2	BIOL 233	BIOL 2AP2	BIOL 222	BIO 242	NOT REQUIRED	
		BIO 252 OR EXSC 202									BIOL 1AP2 OR BIOL 233 OR BIOL 2AP2					
Community College																
Delta College	BIO 152W BIO 153W BIO 241	BIO 153W	BIO 152W BIO 153W	BIO 153	BIO 152W BIO 153W	BIO 153W	BIO 153W	BIO 153 BIO 153W BIO 241 BIO 240	BIO 241 BIO 240	BIOL 153	BIOL 241		BIO 153W	BIO 153	NOT REQUIRED See Appendix D	
Glen Oaks Community College	BIO 210 BIO 211	BIO 211		BIO 211 NSA 211	BIO 210 NSA 210 NSA 211	BIO 211	BIO 211	BIO 211 NSA 205 NSA 211	BIO 211 BIO 210			BIO 211	NSA 211 BIO 211	BIO 211	NOT REQUIRED See Appendix D	
Gogebic Community College	BIO 251	BIO 251	BIO 251	See Appendix D	BIO 251	See Appendix D	See Appendix D	BIO 161 BIO 250 BIO 251	BIO 251 BIO 250			BIO 251	BIO 251	See Appendix D	NOT REQUIRED See Appendix D	
Grand Rapids Community College	BI 121 BI 122	BI 122	BI 121 BI 122	BI 122	BI 121 BI 122	BI 122	BI 122	BI 122 BI 122	BI 121 BI 122	BI 122			BI 122	BI 122	NOT REQUIRED See Appendix D	
Henry Ford College	BIO 233 BIO 234	BIO 233 BIO 234	BIO 233 BIO 234	BIO 234	BIO 233 BIO 234	BIO 234	BIO 234	BIO 234 BIO 234	BIO 233 BIO 234			BIO 234	BIO 234	BIO 234	NOT REQUIRED See Appendix D	
Jackson College	BIO 253 BIO 254	BIO 254	BIO 253 BIO 254	BIO 254	BIO 253 BIO 254	BIO 254	BIO 254	BIO 254 BIO 254	BIO 253 BIO 254			BIO 254	BIO 254	BIO 254	NOT REQUIRED See Appendix D	
Kellogg Community College	BIOL 202	BIOL 202	BIOL 202	See Appendix D	BIOL 202	See Appendix D	See Appendix D	BIOL 202 BIOL 201	BIOL 202			BIOL 202	BIOL 202	See Appendix D	NOT REQUIRED See Appendix D	
Lansing Community College	BIOL 202	BIOL 201 BIOL 202	BIOL 201 BIOL 202	See Appendix D	BIOL 202	See Appendix D	See Appendix D	ANAT 152 BIOL 201 BIOL 202	BIOL 202			BIOL 202	BIOL 202	See Appendix D	NOT REQUIRED See Appendix D	
Macomb Community College	BIOL 2710	BIOL 2710	BIOL 2710	See Appendix D	See Appendix D	BIOL 2710	See Appendix D	4242 000 BIO 282 BIOL 322 PSL 250	BIO 231 BIO 271 BIO 2310 BIOL 2710			BIOL 2710	BIOL 2710	See Appendix D	NOT REQUIRED See Appendix D	
Mid Michigan College	BIO 141 BIO 142	BIO 141 BIO 142	BIO 141 BIO 142	BIO 142	BIO 141 BIO 142	BIO 142	BIO 142	BIO 142 BIO 142	BIO 142 BIO 141	BIOL 142			BIO 142	BIO 142	NOT REQUIRED See Appendix D	
Montcalm Community College	BIOL 202 BIOL 203	BIOL 203	BIOL 203	BIOL 203	BIOL 202 BIOL 203	BIOL 203	BIOL 203	BIOL 203 BIOL 203	BIOL 203 BIOL 202			BIOL 203	BIOL 203	BIOL 203	NOT REQUIRED See Appendix D	
Muskegon Community College	BIOL 105L&L BIOL 106L&L		BIOL 105L&L BIOL 106L&L	BIOL 105 BIOL 106 BIOL 106	BIOL 105L&L BIOL 106L&L	See Appendix D	See Appendix D	BIOL 106 BIOL 106L	BIOL 105 BIOL 106	BIOL 106			BIOL 106L&L	BIOL 106	NOT REQUIRED See Appendix D	
North Central Michigan College	BIO 235 BIO 236	BIO 235 BIO 236	BIO 235 BIO 236	BIO 236	BIO 235 BIO 236	BIO 236	BIO 236	BIO 236 BIO 236	BIO 236 BIO 236			BIO 236	BIO 236	BIO 236	NOT REQUIRED See Appendix D	
Oakland Community College	BIO 2630 BIO 2640	BIO 2630 BIO 2640	BIO 2630 BIO 2640	BIO 2640	BIO 2630 BIO 2640	BIO 2640	BIO 2640	BIO 1640 BIO 2640 BIO 1630 BIO 2630 BIO 2640 BIO 1640 BIO 2630 BIO 163 BIO 164 BIO 163 BIO 2640	BIO 1630 BIO 2640 BIO 2640 BIO 2640			BIO 2640	BIO 2640 BIO 2640 BIO 2640	BIO 2640	NOT REQUIRED See Appendix D	
Schoolcraft College	BIOL 237 BIOL 238	BIOL 238	BIOL 236 BIOL 237 BIOL 238	BIOL 238	BIOL 237 BIOL 238	BIOL 238	BIOL 238	BIOL 238 BIOL 238	BIOL 237 BIOL 238			BIOL 238	BIOL 238	BIOL 238	NOT REQUIRED See Appendix D	
Southwestern Michigan College	BIOL 215		BIOL 215	See Appendix D	BIOL 215	See Appendix D	See Appendix D	BIOL 214 BIOL 215 BIOL 214 BIOL 215	BIOL 215 BIOL 214 BIOL 215 BIOL 214 BIOL 215			BIOL 215	BIOL 215 BIOL 215	See Appendix D	NOT REQUIRED See Appendix D	
Wayne County Community College District	BIO 240 BIO 250	BIO 250	BIO 240 BIO 250	BIO 250	BIO 240 BIO 250	BIO 250	BIO 250	BIO 250 BIO 250	BIO 250 BIO 240			BIO 250	BIO 250	BIO 250	NOT REQUIRED See Appendix D	

1. Alpena Community College, Bay College, Kalamazoo Valley Community College, Kirtland Community College, Lake Michigan College, Monroe County Community College, Mott Community College, Northwestern Michigan College, St. Clair County Community College, Washtenaw Community College, and West Shore Community College are not participating in the Exercise Science Pathway.

EX SCI MiTransfer Pathway Introduction to Psychology	Central Michigan University	Eastern Michigan University	Grand Valley State University	Michigan State University	Michigan Technological University	Northern Michigan University	Oakland University	Saginaw Valley State University	Andrews University	Cornerstone University	Spring Arbor University
By Receiving Institution	PSY 100	PSY 101	PSY 101	PSY 101	PSY 2000	PSY 101	PSY 1000	PSYC 100	PSYC 101	NOT REQUIRED	PSY 100
Community College											
Delta College	PSY 211CW PSY 211HW PSY 211W	PSY 211CW PSY 211HW PSY 211W	PSY 211 PSY 211C PSY 211CW PSY 211H PSY 211HW PSY 211W	PSY 211W PSY 211H	PSY 211	PSY 211 PSY 211C PSY 211H	PSY 211 PSY 211C	PSY 211 PSY 211C	PSY 211 PSY 211H	NOT REQUIRED See Appendix D	PSY 211
Glen Oaks Community College	PSY 101	PSY 101	SSP 101	PSY 101	PSY 101	SSP 101	SSP 101	PSY 101	SSP 101	NOT REQUIRED See Appendix D	PSY 101
Gogebic Community College	PSY 101 PSY 111	PSY 101 PSY 111	PSY 101 PSY 111	PSY 100 PSY 101	PSY 101 PSY 111	PSY 101 PSY 111 PSY 201	PSY 101 PSY 111	PSY 101 PSY 111	PSY 101 PSY 111	NOT REQUIRED See Appendix D	PSY 101
Grand Rapids Community College	PY 201	PY 201	PY 201	PY 201	PY 201	PY 201	PY 201	PY 201	PY 201	NOT REQUIRED See Appendix D	PY 201
Henry Ford College	PSY 131	PSY 131	PSY 131 PSY 31	PSY 131	PSY 131	PSY 131	PSY 131 PSY 31	PSY 131	PSY 131	NOT REQUIRED See Appendix D	PSY 131
Jackson College	PSY 140 PSY 140A	PSY 140 PSY 140A	PSY 140 PSY 140A	PSY 140A PSY 140	PSY 140	PSY 140 PSY 140	PSY 140	PSY 140	PSY 140A PSY 140	NOT REQUIRED See Appendix D	PSY 140
Kellogg Community College	PSYC 201 PSYC 201H	PSYC 201	PSYC 201 PSYC 201H	PSYC 201	PSYC 201	PSYC 201 PSYC 201H	PSYC 201 PSYC 201H	PSYC 201	PSYC 201 PSYC 201A PSYC 201B PSYC 201C PSYC 101	NOT REQUIRED See Appendix D	PSYC 201
Lansing Community College	PSYC 200	PSYC 200	PSY 200 PSY 201 PSYC 200	PSYC 200	PSYC 200	CHDV 123 PSYC 200	PSY 2000 PSYC 200	PSYC 200	PSYC 200 PSYC 200	NOT REQUIRED See Appendix D	PSYC 200
Macomb Community College	PSYC 1010	PSYC 1010	PSY 101 PSYC 1010	PSYC 1010	PSYC 1010	PSY 101 PSYC 1010	PSY 101 PSYC 1010	PSYC 1010	PSY 101 PSY 101 PSYC 1010	NOT REQUIRED See Appendix D	PSYC 1010 PSY 202
Mid Michigan College	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	NOT REQUIRED See Appendix D	PSY 101
Montcalm Community College	PSYC 120	PSYC 120	PSYC 120 PSYCH 151 SS 220	PSYC 120	PSYC 120	PSYC 120	SS 220	PSYC 120	PSYC 120	NOT REQUIRED See Appendix D	PSYC 120
Muskegon Community College	PSYC 201	PSYC 201	PSYC 201	PSYC 201	PSYC 201	PSYC 201	PSYC 201	PSYC 201	PSYC 201	NOT REQUIRED See Appendix D	PSYC 201 PSY 201
North Central Michigan College	PSY 161	PSY 161	PSY 161	PSY 161	PSY 161	PSY 161	PSY 161 PSYC 125	PSY 161	PSY 161	NOT REQUIRED See Appendix D	PSY 161
Oakland Community College	PSY 2510	PSY 2510	PSY 251 PSY 2510	PSY 2510	PSY 2510	PSY 2510	PSY 251 PSY 2510	PSY 2510	PSY 251 PSY 2510 PSY 2510	NOT REQUIRED See Appendix D	PSY 2510
Schoolcraft College	PSYC 201	PSYCH 201	PSYC 201 PSYCH 201	PSYCH 201	PSYCH 201	PSYCH 201	PSYCH 201	PSYCH 201	PSYCH 201 PSYCH 201	NOT REQUIRED See Appendix D	PSYCH 201
Southwestern Michigan College	PSYC 101	PSYC 101	PSYC 101	PSYC 101	PSYC 101	PSYC 101	PSYC 101	PSYC 101	PSYC 101 PSYC 101	NOT REQUIRED See Appendix D	PSYC 101
Wayne County Community College District	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101	PSY 101 PSY 101	NOT REQUIRED See Appendix D	PSY 101

1. Alpena Community College, Bay College, Kalamazoo Valley Community College, Kirtland Community College, Lake Michigan College, Monroe County Community College, Mott Community College, Northwestern Michigan College, St. Clair County Community College, Washtenaw Community College, and West Shore Community College are not participating in the Exercise Science Pathway.

EX SCI MiTransfer Pathway Overview of Exercise Science	Central Michigan University	Eastern Michigan University	Grand Valley State University	Michigan State University	Michigan Technological University	Northern Michigan University	Oakland University	Saginaw Valley State University	Andrews University	Cornerstone University	Spring Arbor University
By Receiving Institution	HSC 190	EXSC 144	MOV 101	KIN GCU	KIP 1000	ES 110	EXS 2200	KINE 100	NO COURSE	KIN 211	HPR 151
Community College											
Delta College	LWT 255	See Appendix D	PEH 161	LWT 251	See Appendix D	See Appendix D	See Appendix D	See Appendix D	NO COURSE See Appendix D	See Appendix D	LWT 255
Grand Rapids Community College	EXS 184	EXS 184	EXS 184 PE 184	EXS 184 TH 215 TH 214 TH 116 TH 115 TH 114 PE 185 PE 183 PE 182 PE 180 EXS 201 EXS 225 WE 189 PE 181	EXS 184	EXS 184 EXS 201	EXS 184	EXS 184	NO COURSE See Appendix D	EXS 184	PE 184
Lansing Community College	PFKN 170	PFKN 170	PEA 100 PFKN 170	PFKN 170 PFKN 170 MASG 278	PFKN 170	PFKN 170	PFKN 170	PFKN 170	NO COURSE See Appendix D	PFKN 170	PFKN 170
Macomb Community College	WHES 2081	WHES 2081	PED 250 WHES 2081	WHES 2081 WHES 2085 WHES 2042 WHES 2042 WHES 2000 PHED 1660 PHED 1665 PHED 1500 PHED 1510 PHED 2082 PHED 2036 PHED 2032 PHED 1110 PHED 2060 PHED 1210 PHED 1070 PHED 2042 PED 104A	WHES 2081	PHED 2080 WHES 2080 WHES 2081	PHED 2080 WHES 2080 WHES 2081	See Appendix D	NO COURSE See Appendix D	WHES 2081	WHES 2081
Schoolcraft College	PE 112	PE 111	PE 111	PE 112 PE 121 PE 153 PE 106 PE 141 PE 104 PE 114 PE 194 PE 202 PE 105	See Appendix D	PE 111	PE 111	See Appendix D	NO COURSE See Appendix D	See Appendix D	PE 111

1. Alpena Community College, Bay College, Kalamazoo Valley Community College, Kirtland Community College, Lake Michigan College, Monroe County Community College, Mott Community College, Northwestern Michigan College, St. Clair County Community College, Washtenaw Community College, and West Shore Community College are not participating in the Exercise Science Pathway.

2. Glen Oaks Community College, Gogebic Community College, Henry Ford College, Jackson College, Kellogg Community College, Mid Michigan College, Montcalm Community College, Muskegon Community College, North Central Michigan College, Oakland Community College, Southwestern Michigan College, Wayne County Community College District are participating in the Exercise Science Pathway, but do not offer an Overview of Exercise Science course.

APPENDIX D:
MiTransfer Exercise Science Pathway Course Equivalency Exceptions

Find Excel versions of Appendix D at www.mittransfer.org.

EXERCISE SCIENCE

Course	College/ University	Community College	Explanation
AP I and AP II	CORNERSTONE UNIVERSITY	GOGEBIC COMMUNITY COLLEGE	Both BIO 250 and BIO 251 must be taken in order to fulfill BIO-241 and BIO-242 at CU - courses will not transfer separately
AP I and AP II	CORNERSTONE UNIVERSITY	KELLOGG COMMUNITY COLLEGE	Both BIOL 201 and BIOL 202 must be taken in order to fulfill BIO-241 and BIO-242 at CU - courses will not transfer separately
AP I and AP II	CORNERSTONE UNIVERSITY	LANSING COMMUNITY COLLEGE	Both BIOL 201 and BIOL 202 must be taken in order to fulfill BIO-241 and BIO-242 at CU - courses will not transfer separately
AP I and AP II	CORNERSTONE UNIVERSITY	MACOMB COMMUNITY COLLEGE	Course content is not equivalent
AP I and AP II	CORNERSTONE UNIVERSITY	SOUTHWESTERN MICHIGAN COLLEGE	Both BIOL 214 and BIOL 215 must be taken in order to fulfill BIO-241 and BIO-242 at CU - courses will not transfer separately
AP I and AP II	GRAND VALLEY STATE UNIVERSITY	GOGEBIC COMMUNITY COLLEGE	BIO 250 + BIO 251 transfer to GVSU as BMS 208, 290 and 291, and will substitute for BMS 250 and 251 in the Exercise Science major.
AP I and AP II	GRAND VALLEY STATE UNIVERSITY	KELLOGG COMMUNITY COLLEGE	BIOL 201/201L + BIOL 202/202L transfer to GVSU as BMS 208, 290, 291 and 309, and will substitute as BMS 250 and 251 in the Exercise Science major.
AP I and AP II	GRAND VALLEY STATE UNIVERSITY	LANSING COMMUNITY COLLEGE	BIOL 201 + BIO 202 transfer to GVSU as BMS 208, 290, 291, 309, and will substitute for BMS 250 and 251 in the Exercise Science major
AP I and AP II	GRAND VALLEY STATE UNIVERSITY	SOUTHWESTERN MICHIGAN COLLEGE	BIOL 214 + 215 = BMS 208, 290, 291 and 309 at GVSU and will fulfill the BMS 250 and 251 requirements in the Exercise Science major.
AP I and AP II	MICHIGAN TECHNOLOGICAL UNIVERSITY	GOGEBIC COMMUNITY COLLEGE	Students who take both BIO 250 and BIO 251 will receive credit for BL 2010/2011 and BL 2020/2021 (unable to enter two for two equivalents in our system)
AP I and AP II	MICHIGAN TECHNOLOGICAL UNIVERSITY	KELLOGG COMMUNITY COLLEGE	Students who take both BIOL 201 and BIOL 202 will receive credit for BL 2010/2011 and BL 2020/2021 (unable to enter two for two equivalents in our system)
AP I and AP II	MICHIGAN TECHNOLOGICAL UNIVERSITY	LANSING COMMUNITY COLLEGE	Students who take both BIOL 201 and BIOL 202 will receive credit for BL 2010/2011 and BL 2020/2021 (unable to enter two for two equivalents in our system)
AP I and AP II	MICHIGAN TECHNOLOGICAL UNIVERSITY	MACOMB COMMUNITY COLLEGE	Students will receive credit for BL 2010 and BL 2020 (3 credits each) and will take BL 2011 and BL 2021 (1 credit each) at Michigan Tech to complete degree requirements
AP I and AP II	MICHIGAN TECHNOLOGICAL UNIVERSITY	MUSKEGON COMMUNITY COLLEGE	Students who take both BIOL 105 and BIOL 106 will receive credit for BL 2010/2011 and BL 2020/2021 (unable to enter two for two equivalents in our system)

AP I and AP II	MICHIGAN TECHNOLOGICAL UNIVERSITY	SOUTHWESTERN MICHIGAN COLLEGE	Students who take both BIOL 214 and BIOL 215 will receive credit for BL 2010/2011 and BL 2020/2021 (unable to enter two for two equivalents in our system)
AP II	GRAND VALLEY STATE UNIVERSITY	MACOMB COMMUNITY COLLEGE	Only offers AP I
AP II	MICHIGAN STATE UNIVERSITY	MACOMB COMMUNITY COLLEGE	Not enough credit hours to equate to our PSL 250.
AP II	NORTHERN MICHIGAN UNIVERSITY	MACOMB COMMUNITY COLLEGE	BIO 2710 will transfer to NMU as BI 104 and it will count as a required elective for the major. Students will still need to take BI 207 and BI 208 Anatomy and Physiology I and II.
AP II	SPRING ARBOR UNIVERSITY	DELTA COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	GLEN OAKS COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	GOGEBIC COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	GRAND RAPIDS COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	HENRY FORD COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	JACKSON COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	KELLOGG COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	LANSING COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	MACOMB COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	MID MICHIGAN COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	MONTCALM COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	MUSKEGON COMMUNITY COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	NORTH CENTRAL MICHIGAN COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	OAKLAND COMMUNITY COLLEGE	Not required for the program

AP II	SPRING ARBOR UNIVERSITY	SCHOOLCRAFT COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	SOUTHWESTERN MICHIGAN COLLEGE	Not required for the program
AP II	SPRING ARBOR UNIVERSITY	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT	Not required for the program
Chemistry I	CORNERSTONE UNIVERSITY	DELTA COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	GLEN OAKS COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	GOGEBIC COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	GRAND RAPIDS COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	HENRY FORD COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	JACKSON COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	KELLOGG COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	LANSING COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	MACOMB COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	MID MICHIGAN COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	MONTCALM COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	MUSKEGON COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	NORTH CENTRAL MICHIGAN COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	OAKLAND COMMUNITY COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	SCHOOLCRAFT COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	CORNERSTONE UNIVERSITY	SOUTHWESTERN MICHIGAN COLLEGE	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement

Chemistry I	CORNERSTONE UNIVERSITY	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT	Not required for major (unless pre PT concentration) but would satisfy Gen Ed. lab requirement
Chemistry I	GRAND VALLEY STATE UNIVERSITY	GLEN OAKS COMMUNITY COLLEGE	CHEM 133 + CHEM 134 transfer to GVSU as CHM 115 and 116, and will substitute for CHM 109 in the Exercise Science major.
Chemistry I	GRAND VALLEY STATE UNIVERSITY	MACOMB COMMUNITY COLLEGE	CHEM 1170 + CHEM 1180 transfers to GVSU as CHM 115 + 116 and will substitute for CHM 109 in the Exercise Science program
Intro to Psychology	CORNERSTONE UNIVERSITY	DELTA COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	GLEN OAKS COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	GOGEBIC COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	GRAND RAPIDS COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	HENRY FORD COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	JACKSON COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	KELLOGG COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	LANSING COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	MACOMB COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	MID MICHIGAN COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	MONTCALM COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	MUSKEGON COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	NORTH CENTRAL MICHIGAN COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	OAKLAND COMMUNITY COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement

Intro to Psychology	CORNERSTONE UNIVERSITY	SCHOOLCRAFT COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	SOUTHWESTERN MICHIGAN COLLEGE	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Intro to Psychology	CORNERSTONE UNIVERSITY	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT	Not required for major (unless pre PT or pre OT concentration) but would satisfy Gen Ed. social science requirement
Overview of Ex Sci	ANDREWS UNIVERSITY	DELTA COLLEGE	No Course; program elective.
Overview of Ex Sci	ANDREWS UNIVERSITY	GRAND RAPIDS COMMUNITY COLLEGE	No Course; program elective.
Overview of Ex Sci	ANDREWS UNIVERSITY	LANSING COMMUNITY COLLEGE	No Course; program elective.
Overview of Ex Sci	ANDREWS UNIVERSITY	MACOMB COMMUNITY COLLEGE	No Course; program elective.
Overview of Ex Sci	ANDREWS UNIVERSITY	MID MICHIGAN COLLEGE	No Course; program elective.
Overview of Ex Sci	ANDREWS UNIVERSITY	SCHOOLCRAFT COLLEGE	No Course; program elective.
Overview of Ex Sci	CORNERSTONE UNIVERSITY	DELTA COLLEGE	Course content is not equivalent
Overview of Ex Sci	CORNERSTONE UNIVERSITY	SCHOOLCRAFT COLLEGE	Course content is not equivalent
Overview of Ex Sci	EASTERN MICHIGAN UNIVERSITY	DELTA COLLEGE	Course does not provide an overview of the major
Overview of Ex Sci	MICHIGAN TECHNOLOGICAL UNIVERSITY	DELTA COLLEGE	Not the same material; our KIP 1000 is an Overview of the Profession
Overview of Ex Sci	MICHIGAN TECHNOLOGICAL UNIVERSITY	SCHOOLCRAFT COLLEGE	Not the same material; our KIP 1000 is an Overview of the Profession
Overview of Ex Sci	N/A	GLEN OAKS COMMUNITY COLLEGE	No Course
Overview of Ex Sci	N/A	GOGEBIC COMMUNITY COLLEGE	No Course
Overview of Ex Sci	N/A	HENRY FORD COLLEGE	No Course
Overview of Ex Sci	N/A	JACKSON COLLEGE	No Course
Overview of Ex Sci	N/A	KELLOGG COMMUNITY COLLEGE	No Course
Overview of Ex Sci	N/A	MID MICHIGAN COLLEGE	No Course

Overview of Ex Sci	N/A	MONTCALM COMMUNITY COLLEGE	No Course
Overview of Ex Sci	N/A	MUSKEGON COMMUNITY COLLEGE	No Course
Overview of Ex Sci	N/A	NORTH CENTRAL MICHIGAN COLLEGE	No Course
Overview of Ex Sci	N/A	OAKLAND COMMUNITY COLLEGE	No Course
Overview of Ex Sci	N/A	SOUTHWESTERN MICHIGAN COLLEGE	No Course
Overview of Ex Sci	N/A	WAYNE COUNTY COMMUNITY COLLEGE DISTRICT	No Course
Overview of Ex Sci	NORTHERN MICHIGAN UNIVERSITY	DELTA COLLEGE	Delta College has LWT 251 and this course is equivalent to NMU's ES 315 course which fulfills another requirement for the major. LWT 231 is equivalent to NMU's ES 110 Introduction to Sports Science course.
Overview of Ex Sci	OAKLAND UNIVERSITY	DELTA COLLEGE	Credit awarded for EXS 3010, complete EXS 2200 at OU
Overview of Ex Sci	SAGINAW VALLEY STATE UNIVERSITY	DELTA COLLEGE	The course submitted is an exercise physiology course
Overview of Ex Sci	SAGINAW VALLEY STATE UNIVERSITY	MACOMB COMMUNITY COLLEGE	The course submitted is missing core concepts required for an introduction to exercise science course
Overview of Ex Sci	SAGINAW VALLEY STATE UNIVERSITY	SCHOOLCRAFT COLLEGE	The course submitted is an exercise physiology course