



**WESTERN MICHIGAN UNIVERSITY**  
**GRCC**  
 GRAND RAPIDS COMMUNITY COLLEGE

**Western Michigan University**  
 Bachelor of Science  
 Exercise Science Professional Program (Applied Track)

**Grand Rapids Community College**  
 Associate of Arts  
 Pre-Exercise Science Professional Program, A.A. (Western Michigan University - Applied)

**Courses to take at GRCC**

| GRCC Course                                    | Cr. Hrs.  | GRCC Course Title  | WMU Equiv.                    |
|--|-----------|--|-------------------------------|
| EN 101   | 3         | College Writing  | ENGL 1050                     |
| EN 102   | 3         | English Composition 2  | ENGL 1050                     |
| Humanities Elective                            | 3 Min.    | Varies   | Satisfies MTA                 |
| Humanities Elective (I) Recommended:           | 3 Min.    | Survey of British Literature 1<br>Survey of British Literature 2 | ENGL 3300*<br>ENGL 3310*      |
| PL 206   | 3 Min.    | Biomedical Ethics  | PHIL 3340*                    |
| PS 110   | 3         | Survey of American Government                                    | PSCI 2000                     |
| PV 201   | 3         | General Psychology   | PSY 1000                      |
| MA 215   | 4         | Statistics   | STAT 3660                     |
| BI 121   | 4         | Human Anatomy & Physiology 1                                     | BIOS 2110                     |
| BI 122   | 4         | Human Anatomy & Physiology 2                                     | BIOS 2400                     |
| Lab/Non-Lab Science (Discipline other than BI) | 4 Min     | Varies   | Satisfies MTA                 |
| CHM 100  | 3         | Basic Chemistry  | CHEM 1000                     |
| WE 189   | 2         | Healthy Living   | HPHE 1110                     |
| EKS 184  | 3         | Introduction to Exercise Science                                 | HPHE 1520                     |
| PH 115   | 4         | Technical Physics  | PHYS 1070<br>and<br>PHYS 1080 |
| WE 156   | 1         | First Aid  | HPHE 1810                     |
| BA 103   | 4         | Introduction to Business   | BUS 1750                      |
|  |           | <i>Select 6 elective credits (POP electives):</i>                |                               |
| PV 231   | 3         | Abnormal Psychology  | PSY 2500                      |
| CD 120   | 3         | Adult Development  | HSV 2250                      |
| BA 270   | 3         | Marketing  | MKTG 2500                     |
| BA 282   | 3         | Organizational Behavior  | MGMT 2500                     |
| SO 251   | 3         | Principles of Sociology  | SOC 2000                      |
| CH 110   | 2         | Medical Terminology 1  | Elective Credit               |
| BI 232   | 3         | Genetics   | BIOS 2500                     |
| CH 200   | 3         | Nutrition  | FCS 2660                      |
| BI 151   | 4         | Introduction to Cells, Molecules and Genes                       | BIOS 1610                     |
| <b>Total GRCC Credits:</b>                     | <b>60</b> |  |                               |

WMU equivalents noted with an asterisk\* satisfy the 3000 level WMU general education requirement.

**Courses Remaining at WMU**

| Course   | WMU Course Titles  | Cr. Hrs.       |
|--|--|----------------|
| HPHE 2950  | Functional Anatomy and Biomechanics  | 3              |
| HPHE 2980  | Exercise Physiology  | 3              |
| HPHE 3150  | Measurement, Evaluation, and Statistics for Exercise Science, Health, and Physical Education | 3              |
| HPHE 3500  | Modification of Health Behavior  | 2              |
| HPHE 3960  | Principles for Strength and Conditioning   | 3              |
| HPHE 3970  | Exercise and Sports Nutrition  | 3              |
| HPHE 4440  | Professional Development in Exercise Science   | 3              |
| HPHE 4450  | Exercise Testing and Prescription  | 3              |
| HPHE 4910  | Exercise Management of Chronic Diseases and Disorders  | 3              |
| HPHE 4980  | Exercise Science Internship  | 6              |
| <b>Personal Option Program</b><br><i>Select a minimum of 3 hours</i>                     |  |                |
| BIOS 3500  | Human Physiology for Majors  | 5              |
| BIOS 5310  | Biology of Aging   | 3              |
| CHEM 3550  | Introductory Biochemistry  | 3              |
| CHEM 3560  | Introductory Biochemistry Laboratory   | and<br>1       |
| CHEM 3700/3710 OR CHEM 3750/3760   | Organic Chemistry/Lab  | 4              |
| COM 4840   | Health Communication   | 3              |
| CHEM 3770  | Organic Chemistry II   | 3              |
| CHEM 3780  | Organic Chemistry Lab II   | and<br>1       |
| FIN 2420   | Entrepreneurial Finance  | 3              |
| GRN 1000   | Introduction to Aging Studies  | 3              |
| HOL 4700   | Relationship-Centered Skills   | 3              |
| HOL 5300   | Level "topic" Courses  |                |
| HOL 5304   | Voga to Enhance Living   | 1              |
| HOL 5305   | Mindfulness to Enhance Living  | 1              |
| HOL 5310   | Introduction to Holistic Health  | 3              |
| HOL 5321   | Holistic Health Coaching   | 3              |
| HOL 5350   | Holistic Approaches to Stress  | 3              |
| HOL 5360   | Counseling Skills for Health Professions   | 3              |
| HOL 5520   | Healing Through Movement   | 3              |
| HOL 5530   | Holistic Strategies to Illness and End of Life   | 3              |
| HOL 5550   | Successful Aging - Holistic Perspectives   | 3              |
| HPHE 4690  | Fitness Management   | 3              |
| HPHE 4800  | Heart Disease and Rehabilitation   | 3              |
| HSV 3350   | Pharmacology for Health Professionals  | 3              |
| HSV 4850   | Human Anatomy Skills   | 2              |
| MDSC 2010  | Medical Terminology  | 1              |
| MKTG 2500  | Marketing Principles   | 3              |
| MGMT 2500  | Organizational Behavior  | 3              |
| NUR 3330   | Informatics for Healthcare Professionals   | 3              |
| OT 2000/2010   | Human Functional Anatomy   | 4              |
| OT 2020  | Orientation to OT  | 3              |
| PHIL 3950  | Philosophy of Science  | 3              |
| SOC 3730   | Sociology of Health and Illness  | 3              |
| <i>Electives will be selected to bring the total program credits to a minimum of 122</i> |  | <i>Varied</i>  |
| <b>Total WMU Credits:</b>  |  | <b>62 Min</b>  |
| <b>TOTAL CREDITS GRCC/WMU COMBINED</b>   |  | <b>122 Min</b> |


**Program Articulation Agreement**

This agreement shall commence as of the 1st day of August, 2016. This program agreement shall abide by all language of the Institutional Agreement between Grand Rapids Community College and Western Michigan University.

**Signatures**

**Grand Rapids Community College**


  
 Jodi Cox, Department Head, Exercise Science  
 Grand Rapids Community College

  
 Mike Vargo, Dean, School of Arts & Sciences  
 Grand Rapids Community College

3/8/2016  
 Date

**Western Michigan University**

  
 Yuanlong Liu, Interim Chair, Human Performance & Health Education  
 Western Michigan University

  
 Dr. Ming Lu, Dean, College of Education and Human Development  
 Western Michigan University