

### **Pre-Admission Courses**

To be considered for admission, all of the following pre-admission courses must be completed by the appropriate deadlines and meet all associated requirements as outlined on the program website (emich.edu/pa).

1. Human Anatomy
2. Human Physiology
3. General Chemistry with Lab
4. Organic Chemistry with Lab or Biochemistry with Lab
5. Microbiology with Lab
6. Lifespan Psychology
7. Statistics

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## **Pre-Admission Course Checklist – Oakland University\***

### **Human Anatomy & Human Physiology**

**one of the following course combinations:**

- BIO 205/BIO 2100: Human Anatomy (4 hrs) **and one of the following:**
  - BIO 207/BIO 2600: Human Physiology (4 hrs)
  - BIO 321/BIO 3620: Physiology (4 hrs)
  - BIO 401/BIO 4620: Advanced Human Physiology (4 hrs)
- BIO 403: Advanced Human Anatomy (4 hrs) **and one of the following:**
  - BIO 207/BIO 2600: Human Physiology (4 hrs)
  - BIO 321/BIO 3620: Physiology (4 hrs)
  - BIO 401/BIO 4620: Advanced Human Physiology (4 hrs)
- BIO 457/BIO 4100: Advanced Visceral Human Anatomy (4 hrs) **and one of the following:**
  - BIO 207/BIO 2600: Human Physiology (4 hrs)
  - BIO 321/BIO 3620: Physiology (4 hrs)
  - BIO 401/BIO 4620: Advanced Human Physiology (4 hrs)
- BIO 121/BIO 1006: Clinical Anatomy & Physiology (5 hrs) **and one of the following:**
  - BIO 205/BIO 2100: Human Anatomy (4 hrs)
  - BIO 207/BIO 2600: Human Physiology (4 hrs)
  - BIO 321/BIO 3620: Physiology (4 hrs)
  - BIO 401/BIO 4620: Advanced Human Physiology (4 hrs)
  - BIO 403: Advanced Human Anatomy (4 hrs)
  - BIO 457/BIO 4100: Advanced Visceral Human Anatomy (4 hrs)
  - NRS 227/NRS 2011: Pathophysiology (3 hrs)

## General Chemistry Lecture

one of the following:

- CHM 104/CHM 1040: Intro to Chemical Principles (4 hrs) – lab included
- CHM 143/CHM 1430: Chemical Principles (4 hrs) **and** lab (see below)
- CHM 144/CHM 1440: General Chemistry I (4 hrs) **and** lab (see below)
- CHM 145/CHM 1450: General Chemistry II (4 hrs) **and** lab (see below)
- CHM 157: General Chemistry I (5 hrs) – lab included
- CHM 158: General Chemistry II (5 hrs) – lab included

## General Chemistry Lab

one of the following:

- CHM 147/CHM 1470: General Chemistry Lab I (1 hr) **and** lecture (see above)
- CHM 148/CHM 1480: General Chemistry Lab II (1 hr) **and** lecture (see above)

## Organic or Biochemistry Lecture

one of the following:

- BIO 325/BIO 3232: Biochemistry I (4 hrs) **and** lab (see below)
- CHM 201/CHM 2010: Intro to Organic & Biological Chemistry (4 hrs) **and** lab (see below)
- CHM 234/CHM 2340: Organic Chemistry I (4 hrs) **and** lab (see below)
- CHM 235/CHM 2350: Organic Chemistry II (4 hrs) **and** lab (see below)
- MLS 327/MLS 4270: Clinical Chemistry (4 hrs) **and** lab (see below)
- MLS 425/MLS 4250: Medical Biochemistry (4 hrs) **and** lab (see below)

## Organic or Biochemistry Lab

one of the following:

- BIO 326/BIO 3233: Biochemistry I Lab (1 hr) **and** lecture (see above)
- CDS 4280: Clinical Chemistry Lab (1 hr) **and** lecture (see above)
- CHM 237/CHM 2370: Organic Chemistry Lab (2 hrs) **and** lecture (see above)
- MLS 328/MLS 4280: Clinical Chemistry Lab (1 hr) **and** lecture (see above)

## Microbiology Lecture

one of the following:

- BIO 307/BIO 3520: Intro to Human Microbiology (4 hrs) **and** lab (see below)
- BIO 319/BIO 3500: General Microbiology (4 hrs) **and** lab (see below)
- CDS 3300: Microbiology of Infectious Diseases (3 hrs) **and** lab (see below)
- CDS 4300: Clinical Microbiology (4 hrs) **and** lab (see below)
- MLS 430/MLS 4300: Clinical Microbiology (3 hrs) **and** lab (see below)

## Microbiology Lab

one of the following:

- BIO 308/BIO 3521: Human Microbiology Lab (1 hr) **and** lecture (see above)
- BIO 320/BIO 3501: General Microbiology Lab (1 hr) **and** lecture (see above)
- CDS 3310: Microbiology of Infectious Diseases Lab (1 hr) **and** lecture (see above)

- CDS 4310: Clinical Microbiology Lab (1 hr) **and** lecture (see above)
- CDS 4320: Medical Microbiology Lab (1 hr) **and** lecture (see above)
- MLS 431/MLS 4310: Clinical Microbiology Lab (1 hr) **and** lecture (see above)
- MLS 432/MLS 4320: Medical Microbiology Lab (1 hr) **and** lecture (see above)

## **Lifespan Psychology**

- PSY 225/PSY 2250: Intro to Life-Span Developmental Psychology (4 hrs)

## **Statistics**

### **one of the following:**

- EHS 2550: Basic Statistics for Health Sciences (4 hrs)
- NTR 3000: Nutrition Research Methods (3 hrs)
- PSY 251/PSY 2510: Statistics and Research Design (4 hrs)
- SOC 203/SOC 2020: Social Statistics with Computer Applications (4 hrs)
- STA 225/STA 2220: Intro to Statistical Concepts and Reasoning (4 hrs)
- STA 228/STA 2222: Statistical Methods for Biology (4 hrs)

*\*Please note that this checklist applies exclusively to the pre-admission requirements of the EMU PA Program and is not to be used as a university course equivalency guide. If you have questions about other courses from Oakland University, please contact us at [chhs\\_paprogram@emich.edu](mailto:chhs_paprogram@emich.edu).*

*Updated 7/15/2022*