

Master of Science in Orthotics and Prosthetics (ORPR)

Revised Program, effective Fall 2016

The mission of the **Master of Science in Orthotics and Prosthetics** program is *"To foster the education and training necessary to develop professionals committed to improving orthotic and prosthetic outcomes. As life-long learners, our graduates will be prepared to apply and advance the profession's knowledge and evidence base."*

Admission Requirements:

Applicants must meet the following requirements:

1. Previous completion of a Bachelor's degree from an academically accredited college or university with a cumulative GPA of 3.0 or higher on a 4-point scale
2. Meet the requirements of Eastern Michigan University's [Graduate School](#) and have a completed application and official university transcript(s) on file.
3. Previous course work must include (Students must receive a minimum of a B- in these courses):
 - Biology a/o Life Sciences
 - 6 hr. of Anatomy & Physiology or 5hr. combined course
 - Chemistry
 - Math; minimum of college Trigonometry
 - Physics
 - Introduction to Psychology and either a second psychology course, or another social science course
4. Official GRE results
5. Submit an OPCAS application. As a part of the OPCAS application, applicants will be required to submit [three professional references](#) and [a personal statement](#). Additional information can be found [here](#).

Deadline for Submission

The completed application, transcripts and all other requirements must be completed and necessary paperwork received by the Office of Graduate Admissions no later than February 15th.

Notification of Admission

- Candidates will be notified of either acceptance or non-acceptance no later than March 15th each year.
- Non-accepted candidates will be ranked and may be contacted and offered admission if any of the

initially admitted applicants decline acceptance.

Background Check

All students entering the Orthotics and Prosthetics graduate program at Eastern Michigan University are required to successfully complete a background screening prior to beginning the program. The student will pay the background screening fee directly to the appropriate vendor. Applicants for the Orthotics and Prosthetics program at Eastern Michigan University must be free of offenses that would disqualify one for employment in a health related field or to sit for a state licensing exam.

Click [here](#) to apply to EMU's Graduate School!

School Information:

School of Health Promotion & Human Performance - College of Health and Human Services

Christopher Herman, Ph.D.

Director

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(734) 487-2815

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[School Website](#)

Advisor Information:

Wendy Beattie, CPO, FAAOP

Clinical and Program Director

221 Warner

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Coursework

Didactic course work is held mostly on weekdays and evenings. Clinical affiliations are offered during Spring and Summer semesters.

Master of Science in Orthotics and Prosthetics

Core Courses: 34 hours

- [ORPR 580 - Introduction to Orthotics and Prosthetics](#) 3 hrs
- [ORPR 581 - Musculoskeletal Pathologies for Orthotics and Prosthetics](#) 3 hrs
- [ORPR 582 - Kinesiology-Biomechanical Basis of Orthotic & Prosthetic Management](#) 3 hrs

- [ORPR 583 - Kinetics and the Human Body: Laying the Foundation for Orthotic and Prosthetic Practice](#) 3 hrs
- [ORPR 584 - Human Anatomy Cadaver Lab for Orthotics and Prosthetics](#) 1 hr
- [ORPR 585 - Materials: Choice and Usage in Orthotics and Prosthetics](#) 2 hrs
- [ORPR 605 - Clinical Gait Analysis](#) 3 hrs
- [ORPR 620 - Clinical Affiliation I](#) 1 hr
- [ORPR 622 - Applied Patient Practicum in Orthotics and Prosthetics I](#) 1 hr
- [ORPR 630 - Research Methods for Orthotics and Prosthetics](#) 3 hrs
- [ORPR 632 - Applied Patient Practicum in Orthotics and Prosthetics II](#) 1 hr
- [ORPR 651 - Applied Patient Practicum in Orthotics and Prosthetics III](#) 1 hr
- [ORPR 660 - Advanced Techniques and Procedures in Orthotics and Prosthetics](#) 3 hrs
- [ORPR 665 - Administration of Orthotics and Prosthetic Facilities](#) 3 hrs
- [ORPR 685 - Literature Review for Capstone Project in Orthotics and Prosthetics](#) 1 hr
- [ORPR 686 - Capstone Project in Orthotics and Prosthetics](#) 2 hrs

Required Orthotics Courses: 14 hours

- [ORPR 610 - Spinal Orthotics](#) 4 hrs
- [ORPR 625 - Upper Limb Orthotics](#) 2 hrs
- [ORPR 640 - Lower Extremity Orthotics I](#) 4 hrs
- [ORPR 650 - Lower Extremity Orthotics II](#) 4 hrs

Required Prosthetics Courses: 12 hours

- [ORPR 615 - Lower Extremity Prosthetics I](#) 4 hrs
- [ORPR 645 - Lower Extremity Prosthetics II](#) 4 hrs
- [ORPR 655 - Upper Extremity Prosthetics](#) 3 hrs
- [ORPR 656 - Upper Limb Prosthetics Lab](#) 1 hr

Program Total: 60 hours

Notes:

Students must pass a comprehensive exam for completion of the program.
