Western Michigan University’s Engineering and Applied Sciences (Ph.D.) program is designed to provide a flexible vehicle to tackle new and emerging areas of research that cut across multiple disciplines or are of interest to and within the expertise of the College faculty.

The program offers two tracks:
- Engineering
- Applied Sciences

The track determination is based on the student’s educational background.

The program can also be used to pursue a Ph.D. in a discipline-specific area that is not offered by the relevant department (i.e., civil engineering, chemical engineering, manufacturing engineering).

A key requirement of this Ph.D. program is the identification of a Ph.D. champion before admission is granted. The role of the champion is to oversee the process from admissions to graduation to ensure compliance with all program requirements. This early intervention will serve to strengthen the student’s program and reduce the time to graduation. The champion will provide guidance to the student throughout the program and will serve as the chair of the dissertation committee.

This Ph.D. program is designed to meet the student’s research interest and is jointly developed by the student and the faculty champion.
Teaching, Research, and Program Focus Areas
The Ph.D. in Engineering and Applied Sciences is designed to provide a flexible vehicle to tackle new and emerging areas of research that cut across multiple disciplines or are of interest to and within the expertise of the college faculty. Therefore, interested students need to explore the research areas of our faculty to identify those who share their research interests.

Admissions
Each interested student must identify a faculty member who agrees to champion the application and to serve as the chair of the dissertation committee. A minimum of a bachelor’s degree (master’s preferred) from an accredited institution is required, with this degree being within an engineering discipline relevant to the intended field of study as determined by the Ph.D. champion (for the Engineering Track), or within an applied science or closely related discipline relevant to the intended field of student as determined by the Ph.D. champion (for the Applied Sciences Track).

General GRE test scores are required and all other application requirements are detailed on the college web site: wmich.edu/engineer/phd-engappsci

Graduate Assistantships/Associateships
Associateships may be available for teaching or research depending on the research area and department teaching needs. These opportunities are typically awarded competitively.

Contacts
Dr. Osama Abudayyeh, Associate Dean for Research and Graduate Programs:
osama.abudayyeh@wmich.edu

College of Engineering and Applied Sciences:
(269) 276-3253