HFC
Hydrogeology Field Course
wmich.edu/geology/academics/hydrogeology-field-course
Looking for a hands-on field experience that emphasizes applied hydrogeology and state-of-the-art techniques for the evaluation, sampling and characterization of groundwater systems? The Hydrogeology Field Course, offered by the Department of Geosciences at Western Michigan University, is one of very few hydro-technical programs in the United States and has trained hundreds of students from around the nation and abroad.

Western Michigan University’s Hydrogeology Field Course is comprised of six one-week modules designed for undergraduate and graduate students, as well as industry professionals interested in gaining the practical skills necessary to successfully investigate and characterize complex hydrogeological systems. The majority of the geophysical testing, field work and training for this course is conducted at the Asylum Lake research and training site, which was developed to facilitate advanced field work and hands-on experience.

**2017 Hydrogeology Field Course**

Beginning in 2017, the Department of Geosciences’ Hydrogeology Field Course will be offered twice per summer: session I will run from May 15 to June 23, and session II will run from July 10 to August 18. The Hydrogeology Field Course is a series of six one-week modules taught six days per week (Monday through Saturday). The course will be conducted on and near the campus of Western Michigan University in Kalamazoo, Michigan. Each module counts as one semester credit hour and can be taken for either graduate or undergraduate credit.

- GEOS-5230: Hazardous Waste Operations and Emergency Response (HAZWOPER)
- GEOS-5250: Surface geophysics
- GEOS-5280: Principles and practices of aquifer testing
- GEOS-5260: Principles and practices of groundwater sampling and monitoring
- GEOS 5270: Principles of well drilling and installation
- GEOS-5240: Remediation design and implementation

The course emphasizes state-of-the-art techniques for soil and groundwater sampling, aquifer testing, environmental monitoring and the evaluation of groundwater systems. Particular consideration will be given to contaminated systems, aquifer testing and select geophysical techniques.

**Registration**

**Registration dates:** January 9, 2017 to April 15, 2017

Enrollment is limited to qualified applicants with preference to those who apply first and/or apply for multiple weeks. Places will be filled in the order in which registration fees and completed applications are received.

**Want to Learn More?**

For more information regarding course descriptions, course structure and outcomes, equipment requirements, tuition and fees, registration or logistical support, please visit first visit our website. Please inquire about all remaining questions via our contact page (wmich.edu/geology/hfc-contact) or by calling ((269) 387-5492).