



Department of Ophthalmology and Visual Sciences

UNIVERSITY OF WISCONSIN
SCHOOL OF MEDICINE AND PUBLIC HEALTH



GLOBAL OPHTHALMOLOGY COURSE

- TITLE:** UW Global Ophthalmology Course
- CREDIT:** UW Department of Ophthalmology and Visual Sciences (DOVS) issued UW Global Ophthalmology Course Certificate of Completion
- FEE:** \$150
- DURATION:** Residents have access to the course 4 years from the date of registration.
- REGISTRATION:** [<https://go.wisc.edu/2wswvl>]
- SUMMARY:** Offered through the UW Division of Continuing Studies, this course supports U.S. residency training programs by providing residents access to academic global ophthalmology coursework. Content is informed by the ACGME core competencies and American Academy of Ophthalmology (AAO) efforts to expand pathways for academic global ophthalmology learning. Residents complete a series of self-directed assignments and reflective discussions based on their exploratory learning experiences that conclude with a completion certificate. Residents will assess their growth mindset throughout this course.
- With the goal of supporting the next cohort of globally minded and action-oriented ophthalmologists, this course offers residents a forum to prepare to practice as professionals in delivering services to save sight in the ever-changing world. Topics included in the course are foundations in U.S. academic global ophthalmology and global health, cross-cultural communication, cultural humility, self-identity development, diversity and inclusion, global citizenship, ethics, socioeconomic, geopolitics, global health delivery systems, telemedicine, health disparities, infectious disease prevention management, sustainability and waste, change-management, advancing research, philanthropy development, and cultivating partnerships.
- FORMAT:** Online via Canvas.
- INSTRUCTIONAL MODE:** Asynchronous online learning that includes a review of relevant lectures, articles, videos, resources, and pertinent discussion questions for knowledge acquisition.
- REQUISITES:** Completion of PGY-1 of an ophthalmology residency program. This course was designed for U.S. residents in ophthalmology during PGY2-4 of training. Interested medical students and fellows, and international trainees are welcome to engage with the course, knowing that content may not specifically apply.
- COURSE ATTRIBUTES:** Lifelong learner course.
Certificate of completion offered.



COURSE CONTACT:

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GLOBAL OPHTHALMOLOGY

COURSE

WELCOME

TO THE UNIVERSITY OF WISCONSIN (UW) GLOBAL OPHTHALMOLOGY COURSE!

The purpose of the 3-year interactive, multi-delivery format experiential course is to assist residents in their preparations to practice as a professional in delivering services to save sight in the ever-changing world. Content is informed by the ACGME Core Competencies and in alignment with American Academy of Ophthalmology (AAO) efforts to create new avenues for academic global ophthalmology. At its core, this course aims to support the next cohort of globally minded and action-oriented ophthalmologists with the skills, knowledge, and attitudes to address and grapple with emerging issues in vision health. Residents will assess their growth mindset throughout this course. Residents who meet course requirements will be provided a certificate of completion.

REGISTRATION FEE (One-Time): \$150

Access Expiration: 4 years from the date of registration

Disclaimer: Course fees directly contribute to the maintenance and improvement of this academic course. A \$25 cancellation fee will be charged if the content has not been accessed. Once accessed, fees are non-refundable.

COURSE OBJECTIVES

AS A RESULT OF THIS COURSE, RESIDENTS WILL BE ABLE TO...

- Understand basic principles in public and global health as it pertains to the world of vision.
- Utilize appropriate terminology regarding global ophthalmology and discuss recommendations from the World Health Organizations published in the World Report on Vision and by emerging vision intranational and international policy standards and leaders.
- Analyze and discuss the national and local systems and socioeconomic factors that influence ocular health in different parts of the world.
- Describe the role of global ophthalmology domestically, including the preparation and care of immigrants, refugees, non-immigrant visitors, and travel-based medicine.
- Practice clinical knowledge and surgical skills to treat patients in low and middle-income areas and communities.
- Discuss opportunities to address ocular health informed by international rotations on a global scale.
- Identify risks and take appropriate steps to prepare for safe and ethical work abroad.
- Identify skills that an ophthalmologist needs to successfully work on addressing global ophthalmic issues.

COURSE OVERVIEW

ACGME PROGRAM REQUIREMENTS & COURSE TOPICS

The course meets four ACGME requirements including Patient Care and Procedural Skills (PC), Interpersonal and Communication Skills (ICS), Systems-Based Practices (SBP), and Practice-Based Learning and Improvement (PBLI).

ACGME PROGRAM		
CONTENT	TOPICS	ACGME CORE COMPETENCY
Module 1	Foundations of U.S. academic global ophthalmology and global health, cross-cultural communication, cultural humility, self-identity development, diversity and inclusion, global citizenship	ICS, SBP
Module 2	Ethics, socioeconomic, geopolitics, global health delivery systems, telemedicine, disparities, infectious disease prevention management.	PC, ICS, SBP, PBLI
Module 3	Sustainability and waste management, planetary health, change-management, advancing research, philanthropy development, cultivating partnerships	ICS, SBP, PBLI
Fieldwork	Hands-on local, global, simulation-based learning	PC, PBLI

COMPLETION EXPECTATIONS

For residents wishing to obtain a certificate of completion, they must complete a minimum of 100-points which includes three required modules and engage in 22+ additional experiential learning credits. Residents are encouraged to exceed the minimum points but not required. Each module is estimated to take an additional 10-12 hours of effort excluding fieldwork and extensions which vary.

MODULES

The three modules include 24 self-directed assignments which explore various topics in global ophthalmology. Each module requires a self-assessment and final summary to support each participant and the program's quantitative and qualitative review of their growth within global ophthalmology (GO) throughout engagement with the course.

FIELDWORK

UW recommends that residents participating in the UW GO course have opportunities to engage in experiential learning to report, reflect, and act upon throughout training. Global fieldwork may not be offered or available at every training program, thus local exploration of GO learning can be an excellent pathway to expand knowledge.

SIMULATION & WETLABS

Focused hands-on simulation and wetlab activities (including, but not limited to ECCE, MSICS, advanced cataract surgery, etc.) pertaining to GO knowledge development and/or preparation for local and global fieldwork is valuable. Residents can submit these experiences to count toward their certificate of completion whether this be held in virtual or in-person formats.

LEARNING EXTENSIONS

Residents are encouraged to seek additional learning opportunities that interest them to grow their global ophthalmology portfolio. These assignments are particularly important if residents are unable to attend local or global fieldwork to help supplement credit.

RESOURCES

This section serves as an ongoing repository of resources for residents participating in the course including podcasts, articles, videos, conference options, community-based resources, pre-departure content, etc.

COURSE COMPONENTS					
CONTENT	KEY TOPICS	LEARNING FORMAT	CREDIT EXPECTATIONS	ASSIGNMENTS OFFERED	POINTS OFFERED
Module 1	Foundations of U.S. academic global ophthalmology and global health, cross-cultural communication, cultural humility, self-identity development, diversity and inclusion, global citizenship	Self-directed	Required	8	26
Module 2	Ethics, socioeconomic, geopolitics, global health delivery systems, telemedicine, disparities, infectious disease prevention management.	Self-directed	Required	9	29
Module 3	Sustainability and waste management, planetary health, change-management, advancing research, philanthropy development, cultivating partnerships	Self-directed	Required	7	23
Fieldwork	Hands-on local, global, simulation-based learning	Experiential	Recommended	5	5-35
Learning Extensions	AGO and ICEHC coursework, advocacy, ethics, GO research and conferencing	Self-directed & Experiential	Recommended	5+	5-40