

# University of Michigan Medical School - Course Catalog - 2021-2022

<b>Ophthalmology: OPHTH-8202 - Adv Clinical &amp; Res</b>	
Required/Elective	CLIN
Prerequisites:	
Restriction days:	720
Keywords:	
Course Objectives:	
MPathways Course ID	048658
Subl Maize/Blue Designation	None
Rule of 4 Exemption	Exempt from Rule of 4 (no more than four experiences from one department will satisfy requirements for graduation)
Grading Basis Code	GRD
Special Instructions	A mentor must be determined at least two months prior to the elective beginning. This mentor will also serve as a research preceptor. Ideally, 50% of your time will be spent clinically/surgically and 50% accomplishing a research project.
Instructor(s)	Ariane Kaplan, MD Clerkship Director arianek@med.umich.edu Student's mentor: TBD
Course Contact	Lauren Prisk Clerkship Coordinator lgagneau@med.umich.edu 734-763-4088
Site Coordinator	Lauren Prisk Clerkship Coordinator lgagneau@med.umich.edu 734-763-4088
Permission to Enroll	Yes
Permission Contact Information	Lauren Prisk, lgagneau@med.umich.edu
Permission Instructions	WHEN SUBMITTING YOUR REQUEST TO ENROLL PLEASE INCLUDE: faculty member that agreed to be your mentor or state you still need one. It is ultimately the student's responsibility to find a mentor and notify Lauren Prisk no later than two months prior to the elective beginning.
Available to Visiting Students	No
On-Call Responsibility	-One call shift required (available shifts: 5-10pm Sunday through Thursday or 8am-12pm on Sunday) -Following your call shifts, please submit a listing of diagnoses seen to Lauren Prisk no later than 48 hours after your call shift ends. Please be sure to de-identify the report, do not include any patient

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<b>OPHTH-8202 continued. . .</b>	
On-Call Responsibility cont.	information.
Where to Report First Day of Clerkship	Kellogg Eye Center Report to assigned area by 8am on first morning
Time Distribution: Outpatient Clinical Care (%)	50%
Time Distribution: Inpatient Clinical Care (%)	0%
Time Distribution: Emergency Department Clinical Care (%)	0%
Time Distribution: Service Learning (%)	0%
Time Distribution: Conferences/Lectures/Seminars (%)	0%
Time Distribution: Simulation (%)	5%
Time Distribution: Basic Science Research (%)	0%
Time Distribution: Clinical Research (%)	45%
Time Distribution: Independent Study (%)	0%
Time Distribution: Other (%)	0%
Activities: Expected hours per week in formal educational sessions (sum of lectures, conferences, teaching rounds) - Maximum 40 hours per week	Required to attend weekly Grand Rounds and departmental CME conferences. Invited to attend resident lectures.
Activities: Overall number of elective hours per week (Note: M4 electives should carry approximately 40 hours of work per week) - Maximum 80 hours per week	Approximately 45-50 hours
Course Description	Student spends dedicated time with faculty mentor in clinical and OR setting and working on the identified research project. Time is divided evenly between clinic/OR & research. One mentor is preferred. Must complete 4-week Clinical Elective prior to this course and must identify faculty mentor no later than 2 months prior to the rotation beginning.

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OPHTH-8202 continued. . .	
Course Description cont.	<p>Additionally students will be asked/expected to:</p> <ul style="list-style-type: none"> <li>-Identify a research project with your mentor, create an outline, project timeline, and list goals to be accomplished by the end of the course. If additional time is needed, please address rationale. Submit one week prior to the elective beginning.</li> <li>-Develop a block schedule for the rotation identifying clinical, OR, and research days. Please note you are expected to attend Grand Rounds every Thursday morning and departmental CME conferences. This schedule is used to ensure there are not too many students in each clinic. Submit one week prior to the elective beginning.</li> <li>-One call shift is required. The shift is typically 5-10pm Sunday through Thursday or 8am-12pm on Sunday.</li> <li>-Submit a mid and end of rotation progress report so Dr. Kaplan is able to review what you accomplish research wise and clinically.</li> <li>-Simulation: Complete modules on the Eyesi Surgical Simulator at KEC</li> <li>-Simulation: Complete modules A through D on the Eyesi Direct Ophthalmoscope at the Clinical Simulation Center. This only applies to students that did not previously complete these modules.</li> <li>-Complete 4 patient examinations from start to finish and document on the provided Medical Student Chart. Present to and receive feedback from faculty mentor. Submit by the end of rotation.</li> </ul>
LCME Topics: Please review the topics below, and check the corresponding checkbox for any and all topics you cover in this M4 course. Coverage is indicated if it appears in your course objectives or as a significant topic covered during your course.	Communication skills, Research methods, Self Directed Learning
Methods to be used in student evaluation include	Clinical assessment form, Participation in conferences, Final paper or project, Assessment of write-ups/notes, Attendance at specified events
Medical Student Competencies- Patient Care	PC-hp. Gather, organize, interpret patient information about patients and their conditions through history taking, physical examination, and other methods of information gathering, PC-cr. Use clinical reasoning, formulate appropriate differential diagnoses, make informed decision about diagnostic and
Medical Student Competencies- Medical Knowledge	MK-bs. Understand and apply knowledge of biomedical and socio-behavioral sciences, clinical medicine, and the social determinants of health and disease, MK-dm. Apply established and emerging principals in diagnostic and therapeutic decision making, clinical problem solving and other aspects of evidence-based health care, MK-sm. Demonstrate knowledge and application of the sciences essential for the practice of medicine
Medical Student Competencies- Communication	C-pf. Communicate effectively with patients, families, and the public across a broad range of socioeconomic and cultural backgrounds, C-ch. Communicate effectively with colleagues, other health professionals and health-related agencies, including the transitions of

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OPHTH-8202 continued. . .	
Medical Student Competencies- Communication cont.	care
Medical Student Competencies- Professionalism	PR-ra. Demonstrate responsibility and accountability to patients, society, and the profession
Medical Student Competencies- Leadership, Teamwork, & Interprofessionalism	LTI-lm. Demonstrate an understanding of how productive teams can be built, led and managed, LTI-or. Demonstrate the ability to manage one's own and others roles on teams
Medical Student Competencies- Practice Based Learning & Improvement	PBLI-sl. Engage in self-directed learning, reflective practice, guided self-assessment, and demonstrate receptivity to feedback, PBLI-ca. Locate, critically appraise, apply evidence, and weigh the uncertainty to guide decision making to achieve optimal patient outcomes, PBLI-et. Demonstrate the ability to utilize current and adapt to emerging technology
Medical Student Competencies- Critical Thinking & Discovery	CTD-ct. Apply creative/critical thinking to develop new information and solutions, CTD-ps. Apply problem assessment and problem-solving skills
I have reviewed all of the above and the start dates and enrollment limits from Course Set-up for this course.	YES, approved.
Previous Catalog Number	1ORPO.U
Learning Objectives	<ol style="list-style-type: none"> <li>1. Demonstrate ability to generate more advanced differential diagnosis and provide reasonable treatment plan. (Medical Knowledge) (MK-dm, MK-sm, MK-bs)</li> <li>2. Demonstrate ability to identify ocular diseases on physical examination with slit lamp and indirect ophthalmoscope. (Patient Care) (PC-hp, PC-cr)</li> <li>3. Demonstrate analytical and critical thinking skills towards research goals. (Critical Thinking &amp; Discovery) (CTD-ct, CTD-ps)</li> <li>4. Demonstrate ability to lead and work as product team member in a research group. (Professionalism) (PR-ra, LTI-or, LTI-lm)</li> <li>5. Demonstrate interpersonal and communication skills that result in effective information exchange within research group. (Interpersonal &amp; Communication Skills) (C-ch, C-pf)</li> <li>6. Demonstrate interpersonal and communication skills that result in effective information exchange between clinical and research activities to reach teams desired outcome. (Practice-Based Learning) (PBLI-sl, PBLI-ca, PBLI-et)</li> </ol>