

Optics Qualifier Format

Content: Physical Optics, Geometric Optics, Interference & Diffraction, Fourier Optics, Imaging, Holography, etc

Courses: 2.710 (required), 2.717 (recommended when offered), other optics classes

Books: Hecht, Principle of Optics; Goodman, Fourier Optics

Format: Written (typically one comprehensive question)

Oral (presentation of a paper chosen ahead of the time by the optics exam committee for each individual student; the paper serves as an entry point for discussion but exam questions are not confined to the paper content)