Undergraduate ophthalmology
Intended Learning Outcomes

**Curriculum**
Based on recommendation of RCOphth, & informed by ICO recommendations, there are six main topic areas:

**Anatomy & physiology of eye and visual system (year 1-2)**
- Anatomy of eye
- Anatomy of visual pathways
- IOP and circulation of aqueous
- Accommodation
- Basic retinal physiology

**How to examine the eye and visual system (year 2-3)**
- Ophthalmic history
- Visual acuity
- Examination of external eye
- Pupil reaction
- Visual fields
- Ophthalmoscopy
- Eye movements

**Impact of visual impairment and public health issues (year 2-3)**
- How to treat a visually-impaired patient
- Epidemiology & global impact of blindness
- Prevention of blindness policies
- Role of allied professions (optometrists and orthoptists)

**Causes and management of acute red eye (year 4-5)**
- Conjunctivitis
- Corneal ulcer
- Uveitis
- Trauma
- Acute glaucoma
Gradual and sudden loss of vision (year 4-5)
Refractive errors
Cataract
   1. Take a history from a patient with cataract, and understand the effect it has on their lives
   2. Observe a cataract with slit lamp and ophthalmoscope
   3. Observe a cataract operation
   4. Take a history from a post-operative cataract patient and understand the impact of the procedure

Glaucoma
AMD
Retinal detachment
Diabetic retinopathy

Ophthalmology in relation to general medicine (year 4-5)
Rheumatology
Neurology
Endocrinology
Cardiology
Paediatrics