



University of Hyderabad School of Medical Sciences



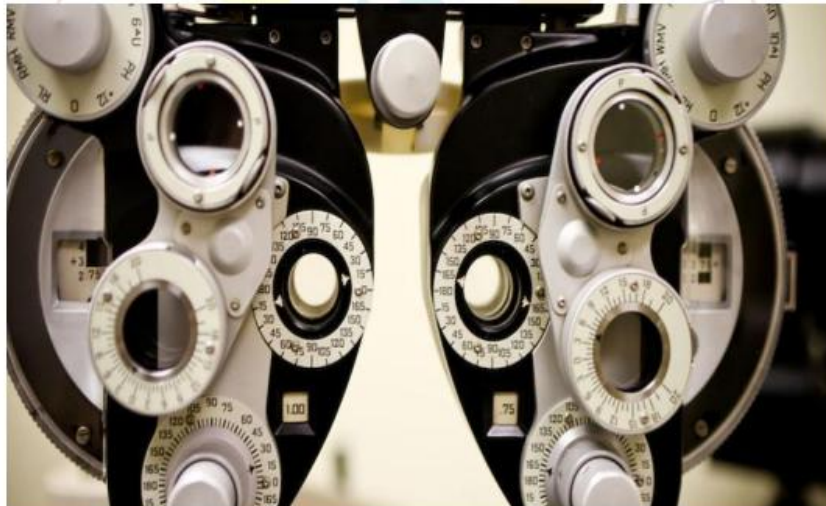
सत्यमेव जयते

**National Commission for Allied and Healthcare
Professions**

COMPETENCY BASED CURRICULUM

for

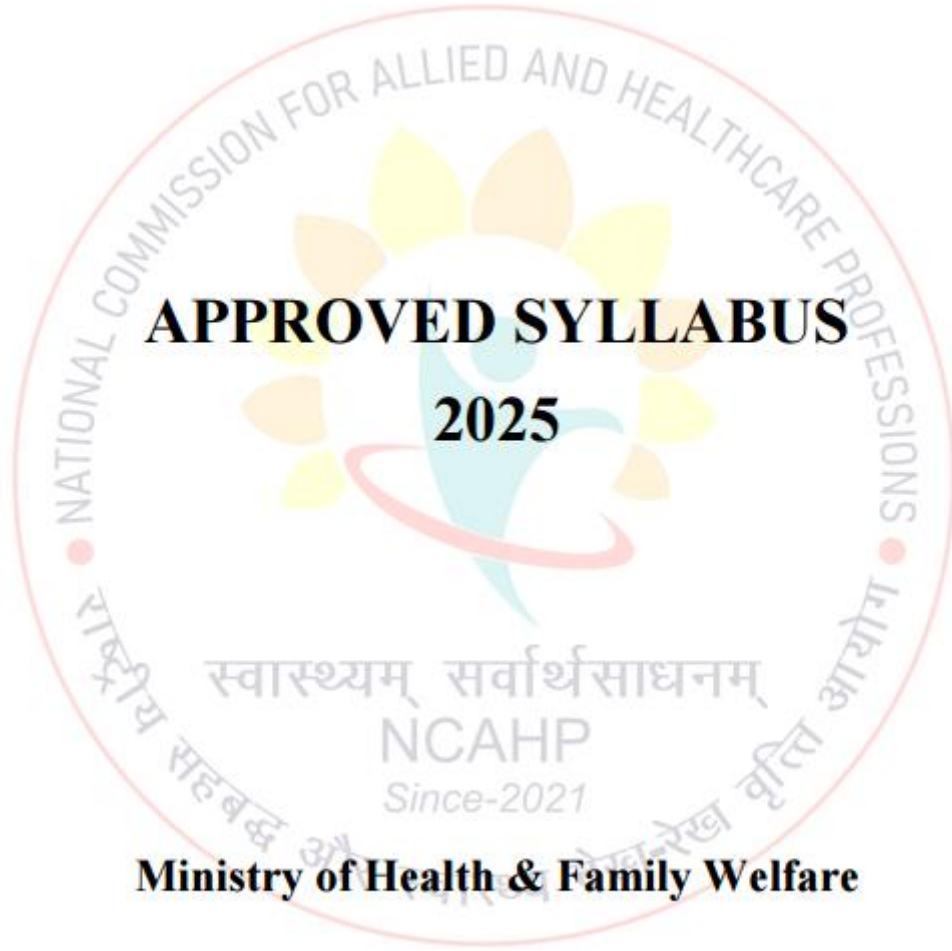
“OPTOMETRY”



As per the NCAHP Act -2021

Programme

**B.Optomety (5 years) including 1-year Clinical
Internship.**



B. Optometry – Subject-wise Credit Distribution
(As per NCAHP-2025 curriculum adopted) Year-2026-2027 onwards.

For More details, check: [University of Hyderabad Prospectus: 2026-2027](#)



**B. Optometry – Subject-wise Credit Distribution
(As per NCAHP2025 curriculum adopted) Year-2026-2027 onwards.**

FIRST SEMESTER

| Course Code | Course Title | Lecture Credits(Theory) | Practical/Clinical Credits | Total Credits |
|---|------------------------------------|-------------------------|----------------------------|---------------|
| BOP101 | General Anatomy | 3 | 0.5 | 3.5 |
| BOP102 | General Physiology | 3 | 0.5 | 3.5 |
| BOP103 | General Biochemistry | 3 | 0.5 | 3.5 |
| BOP104 | Physical Optics | 3 | 0.5 | 3.5 |
| BOP105 | Mathematics & Geometrical Optics-I | 3 | 0.5 | 3.5 |
| BOP106 | Introduction to Optometry | 2 | - | 2 |
| BOP107 | Nutrition | 1 | - | 1 |
| BOP108 | Communication | 1 | 2 | 3 |
| BOP109 | Clinical Optometry-I | - | 2 | 2 |
| Total Credits in 1st semester | | | | 25.5 |

SECOND SEMESTER

| Course Code | Course Title | Lecture Credits | Practical/Clinical Credits | Total Credits |
|---|----------------------------------|-----------------|----------------------------|---------------|
| BOP201 | General Pharmacology | 3 | - | 3 |
| BOP202 | General Pathology | 2 | - | 2 |
| BOP203 | Ocular & Related Neuroanatomy | 3 | 0.5 | 3.5 |
| BOP204 | Ocular & Related Neurophysiology | 3 | 1 | 4 |
| BOP205 | Ocular Biochemistry | 3 | 1 | 4 |
| BOP206 | Geometrical Optics-II | 3 | 1 | 4 |
| BOP207 | Basics of Computers | - | 1 | 1 |
| BOP208 | Clinical Optometry-II | - | 2 | 2 |
| Total Credits in 2nd semester | | | | 23.5 |

THIRD SEMESTER

| Course Code | Course Title | Lecture Credits | Practical/Clinical Credits | Total Credits |
|--------------------------------------|--------------------------------|-----------------|----------------------------|---------------|
| BOP301 | General & Ocular Microbiology | 3 | 0.5 | 3.5 |
| BOP302 | Ocular Pharmacology | 3 | - | 3 |
| BOP303 | Visual Optics-I | 3 | 1 | 4 |
| BOP304 | Optometric Optics | 3 | 1 | 4 |
| BOP305 | Ocular Disease-I | 3 | - | 3 |
| BOP306 | Indian Medicine & Telemedicine | 2 | - | 2 |
| BOP307 | Clinical Optometry-III | - | 4 | 4 |
| Total Credits in 3rd semester | | | | 23.5 |

FOURTH SEMESTER

| Course Code | Course Title | Lecture Credits | Practical/Clinical Credits | Total Credits |
|---|---------------------------------------|-----------------|----------------------------|---------------|
| BOP401 | Optometric Instruments | 3 | 0.5 | 3.5 |
| BOP402 | Clinical Examination of Visual System | 1 | 2 | 3 |
| BOP403 | Visual Perception & Psychophysics | 2 | 0.5 | 2.5 |
| BOP404 | Visual Optics-II | 3 | 1 | 4 |
| BOP405 | Ocular Disease-II | 3 | - | 3 |
| BOP406 | Behavioral Health Psychology | 1 | - | 1 |
| BOP407 | Quality & Patient Safety | 1 | - | 1 |
| BOP408 | Clinical Optometry-IV | - | 4 | 4 |
| Total Credits in 4th semester | | | | 22 |

FIFTH SEMESTER

| Course Code | Course Title | Lecture Credits | Practical/Clinical Credits | Total Credits |
|---|---|-----------------|----------------------------|---------------|
| BOP501 | Systemic Disease | 2 | - | 2 |
| BOP502 | Dispensing Optics | 2 | 1 | 3 |
| BOP503 | Geriatric Optometry | 3 | - | 3 |
| BOP504 | Paediatric Optometry | 3 | 0.5 | 3.5 |
| BOP505 | Diagnostics & Therapeutics – Anterior Segment | 4 | 0.5 | 4.5 |
| BOP506 | Innovation & Technology | 1 | 0.5 | 1.5 |
| BOP507 | Clinical Optometry-V | 2 | 4 | 6 |
| Total Credits in 5th semester | | | | 23.5 |

SIXTH SEMESTER

| Course Code | Course Title | Lecture Credits | Practical/Clinical Credits | Total Credits |
|---|--|-----------------|----------------------------|---------------|
| BOP601 | Contact Lens-I | 2 | 1 | 3 |
| BOP602 | Low Vision Care & Rehabilitation | 2 | 1 | 3 |
| BOP603 | Binocular Vision-I | 2 | 1 | 3 |
| BOP604 | Diagnostics & Therapeutics – Posterior Segment | 4 | 0.5 | 4.5 |
| BOP605 | Optometry & Multidisciplinary Health | 1 | - | 1 |
| BOP606 | Research Methodology & Biostatistics | 2 | - | 2 |
| BOP607 | Clinical Optometry-VI | 2 | 4 | 6 |
| Total Credits in 6th semester | | | | 22.5 |

SEVENTH SEMESTER

| Course Code | Course Title | Lecture Credits | Practical/Clinical Credits | Total Credits |
|---|------------------------------|-----------------|----------------------------|---------------|
| BOP701 | Contact Lens-II | 2 | 1 | 3 |
| BOP702 | Binocular Vision-II | 2 | 1 | 3 |
| BOP703 | Public Health & Epidemiology | 2 | - | 2 |
| BOP704 | Law & Professional Ethics | 1 | - | 1 |
| BOP705 | Community Eye Health | - | 1.5 | 1.5 |
| BOP706 | Clinical Optometry-VII | 2 | 4 | 6 |
| BOP707 | Research Project-I | - | 3 | 3 |
| Total Credits in 7th semester | | | | 19.5 |

EIGHTH SEMESTER

| Course Code | Course Title | Lecture Credits | Practical/Clinical Credits | Total Credits |
|---|---------------------------------------|-----------------|----------------------------|---------------|
| BOP801 | Occupational Optometry | 2 | 0.5 | 2.5 |
| BOP802 | Practice Management | 2 | - | 2 |
| BOP803 | Community Eye Health & Tele-optometry | 1 | 2 | 3 |
| BOP804 | Data Science for Healthcare | 1 | 0.5 | 1.5 |
| BOP805 | Clinical Optometry-VIII | 2 | 4 | 6 |
| BOP806 | Research Project-II | - | 4 | 4 |
| Total Credits in 8th semester | | | | 19 |

NINTH SEMESTER

| Course Code | Course Title | Total Hrs | Practical/Clinical Credits | Total Credits |
|---|--------------------|-----------|----------------------------|---------------|
| BOP901 | B.Optom Internship | 1200 | 41.5 | 41.5 |
| Total Credits in 9th semester | | | | 41.5 |

TENTH SEMESTER

| Course Code | Course Title | Total Hrs | Practical/Clinical Credits | Total Credits |
|--|--------------------|-----------|----------------------------|---------------|
| BOP1001 | B.Optom Internship | 1200 | 41.5 | 41.5 |
| Total Credits in 10th semester | | | | 41.5 |

| Semester | Credits | Year |
|----------------------------|-------------------------------|-------------------------------|
| 1 | 25.5 | B. Optom – 1st Year |
| 2 | 23.5 | |
| 3 | 23.5 | B. Optometry – 2nd Year |
| 4 | 22 | |
| 5 | 23.5 | B. Optometry – 3rd Year |
| 6 | 22.5 | |
| 7 | 19.5 | B. Optometry – 4th Year |
| 8 | 19 | |
| 9 | 41.5 | B. Optometry – 5th Year: |
| 10 | 41.5 | Mandatory Clinical Internship |
| Total Semesters: 10 | Total Credits(5-years) | 262 |

***Note:** BOP = Bachelor of Optometry, Numerical code indicates subject Code.

Course Coordinator

Dean