

# OCULAR MOTILITY AND BINOCULAR VISION

## RECOMMENDED DELIVERY TIME OF LECTURES

	Lecturing time (no. of hours)
1. Review of pupils	0.5
2. Models of oculomotor control	1.5
3. Accommodation	2
4. Dynamic aspects of accommodation	1
5. Introduction to eye movements	2
6. Assessment of extraocular muscles	2
7. Abnormal fixational eye movements	2
8. Saccades	1
9. Pursuits	2
10. Vestibulo-ocular reflexes and optokinetic nystagmus	2
11. Nystagmus	3
12. Reading movements	1.5
13. Evaluation of eye movements	2
14. Introduction to binocular vision	1
15. Visual direction	1
16. Hering's laws of crossed and uncrossed disparity	2
17. Motor fusion and vergence eye movements	1.5
18. Combined vergence, sensory fusion and the horopter	2
19. The empirical horopter	2.5
20. Introduction to fixation disparity	1
21. Measuring fixation disparity	1
22. Fixation disparity types	1
23. Binocular summation	1.5
24. Ocular dominance	1.5
25. Depth perception	2
26. Stereopsis 1	1

27.	Stereopsis 2	1
28.	Stereoscopic phenomena and stereograms	1
29.	Rivalry and suppression	2
30.	Aneiseikonia 1	1
31.	Aneiseikonia 2	1.5
32.	Neurophysiology of binocular vision	3.5
33.	Normal binocular development	1.5
34.	Amblyopia	1
35.	Eccentric fixation	1
36.	Anomalous retinal correspondence	1
37.	Miscellaneous topics	1