



LATVIJAS
UNIVERSITĀTE
ANNO 1919

UNIVERSITY OF LATVIA

Bachelor degree programme OPTOMETRY

FULL TIME STUDIES (3 years)

1st Semester	Course Type	Course code	Credit
Mathematics for Optometry I	A	Mate1121	4
Chemistry for optometrists	A	Ķīmi1057	4
Physics for Optometrists	A	Fizi1048	4
Introduction to optometry	A	RedZ1002	4
English in Optometry I	B	Valo1486	2
Psychology of Communication	B	Psih1053	2

2nd Semester	Course Type	Course code	Credit
Optics I	A	Fizi2024	3
Biology	A	Biol1011	3
Mathematics for Optometry II	B	Mate1122	4
Data collecting and processing in sciences	B	Mate1030	3
Biochemistry	B	Ķīmi3019	3
Optical materials	B	Fizi2005	2
Basic Latvian	C	Valo5315	2

3rd Semester	Course Type	Course code	Credit
Geometrical optics	A	RedZ1004	4
General Physiology	A	Biol2067	4
Ophthalmic Optics I	A	RedZ2000	4
Anatomy and Physiology of the Eye	A	Medi2000	4
Optometric dispensing	B	RedZ1001	4

4th Semester	Course Type	Course code	Credit
Physiology of Vision	A	RedZ1005	4
Disorders of eye refraction I	A	RedZ2002	4
Ophthalmic optics 2	B	RedZ2004	2
Microbiology	B	Biol3020	4

Visual Psychophysics	B	RedZ2006	2
Colorimetry and photometry	B	RedZ1008	2
Optometric instruments 1	B	RedZ2003	2

5th Semester	Course Type	Course code	Credit
Apply statistic and statistical treatment methods of data	A	Mate2022	2
Neurophysiology	A	Medi3171	3
General Pathology	A	Medi4172	4
Pharmacology of the Eye	B	Medi3170	2
Introduction in the Eye Diseases	B	Medi3039	2
Disorders of eye refraction II	B	Fizi3000	2
Research methods in vision science	B	Fizi1000	2
Optometric Instrumentation II	B	Fizi1033	3

6th Semester	Course Type	Course code	Credit
Practice	A	RedZ3000	3
Binocular vision	A	RedZ3002	3
Bachelor exam	A	RedZE001	2
Bachelor's Thesis	A	RedZN000	10
Contact lenses	B	RedZ3001	2

A – Mandatory course

B – Mandatory elective course

(specialization) C – Free choice course

[Click here to access the course description by entering the course code in the course register](#)