



# SANSKRITI UNIVERSITY

## MATHURA, UTTAR PRADESH

SCHOOL NAME : SCHOOL OF MEDICAL AND ALLIED SCIENCES

### Programme Structure

Programme : Bachelor of Optometry

Batch: 2017

Semester -II						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BOO 101	HUMAN ANATOMY	4	-	-	4
2	BOO 103	HUMAN PHYSIOLOGY	4	-	-	4
3	BOO 105	GEOMETRICAL OPTICS	4	-	-	4
4	BOO 107	GENERAL BIOCHEMISTRY	4	-	-	4
5	BOO 109	MICROBIOLOGY	3	-	-	3
6	BOO 111	ENGLISH COMMUNICATION	3	-	-	3
7	BOO 113	BASIC COMPUTER AND INFORMATION SCIENCE	2	-	-	2
8	BOO 151	HUMAN ANATOMY LAB	-	-	2	1
9	BOO 153	HUMAN PHYSIOLOGY LAB	-	-	2	1
10	BOO 155	GEOMETRICAL OPTICS LAB	-	-	2	1
11	BOO 157	GENERAL BIOCHEMISTRY LAB	-	-	2	1
12	BOO 159	MICROBIOLOGY LAB	-	-	2	1
13	BOO 161	BASIC COMPUTER AND INFORMATION SCIENCE LAB	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>30</b>
Semester -II						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BOO 102	OCULAR PHYSIOLOGY	4	-	-	4
2	BOO 104	OCULAR ANATOMY	4	-	-	4
3	BOO 106	PHYSICAL OPTICS	4	-	-	4
4	BOO 108	PHARMACOLOGY	4	-	-	4
5	BOO 110	LIGHTENING & THE EYE	4	-	-	4
6	BLL 102	LIFE SKILLS	2	-	-	2
7	BOO 152	OCULAR PHYSIOLOGY LAB	-	-	2	1
8	BOO 154	OCULAR ANATOMY LAB	-	-	2	1
9	BOO 156	PHYSICAL OPTICS LAB	-	-	2	1
10	BOO 158	LIGHTENING & THE EYE LAB	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>26</b>



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Semester -III						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BOO 201	OPTICAL & OPHTHALMIC INSTRUMENTATION & PROCEDURE I	4	-	-	4
2	BOO 203	VISUAL OPTICS-I	4	-	-	4
3	BOO 205	OPHTHALMIC LENS & DISPENSING OPTICS	4	-	--	4
4	BOO 207	PATHOLOGY (GENERAL AND OCULAR)	4	-	-	4
5	BOO 209	INDIAN MEDICINE AND TELEMEDICINE	4	-	-	4
6	BOO 211	INTRODUCTION OF QUALITY AND PATIENT SAFETY	3			3
7	BOO 251	OPTICAL & OPHTHALMIC INSTRUMENTATION & PROCEDURE I LAB	-	-	2	1
8	BOO 253	VISUAL OPTICS-I LAB	-	-	2	1
9	BOO 255	OPHTHALMIC LENS & DISPENSING OPTICS LAB	-	-	2	1
10	BOO 257	PATHOLOGY LAB	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>27</b>
Semester -IV						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BOO 202	VISUAL OPTICS-II	4	-	-	4
2	BOO 204	OCULAR DISEASE -I (ANTERIOR SEGMENT DISEASE)	4	-	-	4
3	BOO 206	CLINICAL REFRACTION -I	4	-	-	4
4	BOO 208	OPTICAL & OPHTHALMIC INSTRUMENTATION & PROCEDURE -II	4	-	-	4
5	BOO 210	CONTACT LENS - I	4	-	-	4
6	BOO 212	BINOCULAR VISION & OCULAR MOTILITY	4	-	0	4
7	BOO 252	CONTACT LENS - I LAB	-	-	2	1
8	BOO 254	CLINICAL REFRACTION -I LAB	-	-	2	1
9	BOO 256	OPTICAL & OPHTHALMIC INSTRUMENTATION & PROCEDURE -II LAB	-	-	2	1
<b>TOTAL NO. OF CREDITS</b>						<b>24</b>
Semester -V						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BOO 301	OCULAR DISEASE II	4	-	-	4
2	BOO 303	LOW VISION AID & VISUAL REHABILITATION	4	-	-	4
3	BOO 305	CLINICAL REFRACTION - II	4	-	-	4
4	BOO 307	CONTACT LENS - II	4	-	-	4
5	BOO 309	OCCUPATIONAL OPTOMETRY	-	-	2	4
6	BOO 351	LOW VISION AID & VISUAL REHABILITATION LAB	-	-	2	1
7	BOO 353	CLINICAL REFRACTION - II LAB	-	-	2	1
8	BOO 355	CONTACT LENS - II LAB	-	-	-	1
<b>TOTAL NO. OF CREDITS</b>						<b>23</b>



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Semester -VI						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BOO 302	SYSTEMIC CONDITIONS & THE EYE	4	-	-	4
2	BOO 304	PUBLIC HEALTH & COMMUNITY OPTOMETRY	4	-	-	4
3	BOO 306	CLINICAL EXAMINATION OF VISUAL SYSTEMS	4	-	-	4
4	BOO 308	APPLIED OPTOMETRY AND ORTHOPTICS	4	-	-	4
5	BOO 310	BIostatISTICS & RESEARCH METHODOLOGY	4	-	-	4
6	BOO 312	ENVIRONMENT & DISASTER MANAGEMENT	2	-	-	2
7	BOO 352	APPLIED OPTOMETRY AND ORTHOPTICS LAB	-	-	2	1
8	BOO 354	SUPERVISED CLINICAL TRAINING LAB	-	-	-	4
<b>TOTAL NO. OF CREDITS</b>						27
Semester -VII & VIII						
S.NO.	COURSE CODE	COURSE NAME	L	T	P	C
1	BOO 400	INTERNSHIP (12 Month)	-	-	-	40
<b>TOTAL NO. OF CREDITS</b>						40