



THE ASSAM
ROYAL GLOBAL UNIVERSITY
GUWAHATI

CRITERION 1
CURRICULAR ASPECTS

METRIC NO.
1.3.3

B.Sc. Optometry

Field Work / Research Project / Internship



Guwahati, Assam, India
4P6F+QH7, Royal Path, Betkuchi, AHOM GAON, Guwahati, Assam
781040, India
Lat 26.112206°
Long 91.72404°
29/12/22 10:22 AM GMT +05:30

GPS Map Camera



THE ASSAM

ROYAL GLOBAL UNIVERSITY

(Under Section 2(f) of UGC Act 1956)



To Whom It May Concern

This is to certify that, as part of the curriculum for following programmes at The Assam Royal Global University, it has been mandated in syllabus that all students will undertake a compulsory project/internship. However, these Programmes were introduced recently and hence, there is no evidence of Project Report submitted by the students.

SL	Programmes	Year of Commencement of the Programme	Semester in which Project/Internship are mandated in syllabus
1	B. Sc.- Medical and Laboratory Technology	2020-21	7 th and 8 th Semesters
2	BA - Film and Television Production	2022-23	3 rd and 5 th semester
3	MA - Film and Television Production	2022-23	3 rd semester
4	B. Sc. Animation and Visual Effects	2021-22	6 th semester
5	B. Optometry	2021-22	7 th and 8 th Semesters
6	B. Sc. Operation Theatre Management	2022-23	5 th Semester
7	B. Sc. Radiology and Advance Imaging Technology	2022-23	After 6 th semester
8	B. Sc. Mathematics and Computing	2021-22	6 th Semester
9	BA Public Administration	2022-23	3 rd and 5 th semester
10	B. Des Graphic Design	2022-23	7 th and 8 th Semesters


27/6/24

Prof.(Dr.) Ankur Ganguly
Dean- Academics
Royal Global University
Guwahati, Assam, India



ROYAL GLOBAL UNIVERSITY
— GUWAHATI —

(ROYAL SCHOOL OF MEDICAL & ALLIED SCIENCES)

(RSMAS)

(NAME OF DEPARTMENT: OPTOMETRY)

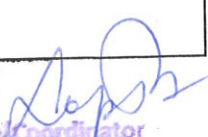
SYLLABUS

&

COURSE STRUCTURE

BACHELOR OF OPTOMETRY

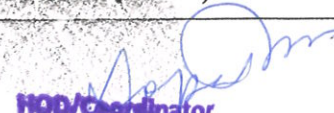
W.E.F 2021-2024


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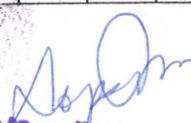
BACHELOR DEGREE IN OPTOMETRY

PROGRAMME STRUCTURE


1ST SEMESTER							
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP
CORE SUBJECTS							
1	OPT242C101	Geometrical Optics	3	0	0	3	3
2	OPT242C102	General Physiology	3	0	0	3	3
3	OPT242C103	General Anatomy	3	0	0	3	3
4	OPT242C104	Biochemistry	3	0	0	3	3
5	OPT242C111	Geometrical Optics LAB	0	0	4	2	4
6	OPT242C112	General Physiology LAB	0	0	4	2	4
7	OPT242C113	General Anatomy LAB	0	0	4	2	4
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)							
8	CEN982A101	COMMUNICATIVE ENGLISH-I	1	0	0	1	1
9	BHS982A104	BEHAVIOURAL SCIENCE-I	1	0	0	1	1
ABILITY ENHANCEMENT ELECTIVE COURSES (AECC)							
GENERIC ELECTIVE							
11	OPT242G102	GE-2	3	0	0	3	3
		TOTAL				23	
2ND SEMESTER							
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP
CORE SUBJECTS							
1	OPT242C201	Physical Optics	3	0	0	3	3
2	OPT242C202	Ocular Physiology	3	0	0	3	3
3	OPT242C203	Ocular Anatomy	3	0	0	3	3
5	OPT242C205	Computer Fundamentals & Programming	3	0	0	3	3
6	OPT242C211	Physical Optics LAB	0	0	4	2	4
7	OPT242C213	Ocular Anatomy LAB	0	0	4	2	4
8	OPT242C215	Computer LAB	0	0	4	2	4
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)							


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9	CEN982A201	COMMUNICATIVE ENGLISH-II	1	0	0	1	1
10	BHS982A204	BEHAVIOURAL SCIENCE-II	1	0	0	1	1
ABILITY ENHANCEMENT ELECTIVE COURSES (AEEC)							
GENERIC ELECTIVE							
12	OPT242G202	GE-2	3	0	0	3	3
		TOTAL				23	
3RD SEMESTER							
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP
CORE SUBJECTS							
1	OPT242C301	Visual Optics-I	3	0	0	3	3
2	OPT242C303	Medical pathology & Microbiology	3	0	0	3	3
3	OPT242C304	Pharmacology	3	0	0	3	3
4	OPT242C305	Ophthalmic & Optical Instrumentation & Procedure I	3	0	0	3	3
6	OPT242C313	Medical pathology & Microbiology LAB	0	0	4	2	4
7	OPT242C315	Ophthalmic & Optical Instrumentation & Procedure I LAB	0	0	4	2	4
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)							
8	EVS982A303	ENVIRONMENTAL SCIENCE	2	0	0	2	2
9	CEN982A301	COMMUNICATIVE ENGLISH-III	1	0	0	1	1
ABILITY ENHANCEMENT ELECTIVE COURSES (AEEC)							
GENERIC ELECTIVE							
11	OPT242G302	GE-2	3	0	0	3	3
		TOTAL				22	
4TH SEMESTER							
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP
CORE SUBJECTS							
1	OPT242C401	Visual Optics -II	3	0	0	3	3
2	OPT242C402	Ophthalmic & Optical Instrumentation & Procedure II	3	0	0	3	3
3	OPT242C403	Clinical Refraction I	3	0	0	3	3
4	OPT242C404	Ocular Disease I	3	0	0	3	3
5	OPT242C405	Ophthalmic Lens & Dispensing Optics	3	0	0	3	3


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6	OPT242C412	Ophthalmic & Optical Instrumentation & Procedure II LAB	0	0	4	2	4
7	OPT242C413	Clinical Refraction LAB	0	0	4	2	4
8	OPT242C415	Ophthalmic Lens & Dispensing Optics LAB	0	0	4	2	4
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)							
10	CEN982A401	COMMUNICATIVE ENGLISH-IV	1	0	0	1	1
ABILITY ENHANCEMENT ELECTIVE COURSES (AECC)							
GENERIC ELECTIVE							
13	OPT242G402	GE-2	3	0	0	3	3
		TOTAL				25	
5TH SEMESTER							
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP
CORE SUBJECTS							
1	OPT242C501	Binocular Vision & Ocular Motility	3	0	0	3	3
2	OPT242C502	Contact Lens I	3	0	0	3	3
3	OPT242C503	Clinical Refraction II	3	0	0	3	3
4	OPT242C504	Ocular Disease II	3	0	0	3	3
5	OPT242C505	Low Vision Aids & Visual Rehabilitation	3	0	0	3	3
6	OPT242C512	Contact Lens I LAB	0	0	4	2	4
7	OPT242C513	Clinical Refraction II LAB	0	0	4	2	4
8	OPT242C515	Low Vision Aids & Visual Rehabilitation LAB	0	0	4	2	4
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)							
5	CEN982A501	COMMUNICATIVE ENGLISH-V	1	0	0	1	1
ABILITY ENHANCEMENT ELECTIVE COURSES (AECC) (ANY ONE)							
6	OPT242S501	ILD-I	2	0	0	2	2
7	OPT242S502	FRENCH-I	2	0	0	2	2
8	OPT242S503	C++	2	0	0	2	2
9	OPT242S504	ANY OTHER COURSE OFFERED BY OTHER SCHOOLS OF RGU AND OPTED BY STUDENT	2	0	0	2	2
DISCIPLINE SPECIFIC-DSE (ANY ONE)							
3	OPT242D501	LOW VISION REHABILITATION	3	1	0	4	4
4	OPT242D502	EYE BANKING	3	1	0	4	4
GENERIC ELECTIVE							


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		TOTAL							28
6TH SEMESTER									
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP		
CORE SUBJECTS									
1	OPT242C601	Systemic Condition & the eye	3	0	0	3	3		
2	OPT242C602	Public Health & Community Optometry	3	0	0	3	3		
3	OPT242C603	Biostatistics	3	0	0	3	3		
4	OPT242C604	Contact Lens II	3	0	0	3	3		
5	OPT242C605	Professional Practice Management	3	0	0	3	3		
6	OPT242C606	Applied Optometry & Orthoptics	3	0	0	3	3		
7	OPT242C614	Contact Lens-II LAB	0	0	4	2	4		
8	OPT242C616	Applied Optometry & Orthoptics LAB	0	0	4	2	4		
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)									
7	CEN982A601	COMMUNICATIVE ENGLISH-VI	1	0	0	1	1		
ABILITY ENHANCEMENT ELECTIVE COURSES (AECC) (ANY ONE)									
8	OPT242S601	ILD-2	2	0	0	2	2		
9	OPT242S602	FRENCH-2	2	0	0	2	2		
10	OPT242S603	LATEX	2	0	0	2	2		
11	OPT242S604	ANY OTHER COURSE OFFERED BY OTHER SCHOOLS OF RGU AND OPTED BY STUDENT	2	0	0	2	2		
DISCIPLINE SPECIFIC-DSE (ANY TWO) ONE									
11	OPT242D601	VISION THERAPY	3	1	0	4	4		
12	OPT242D602	OCULAR PROSTHESIS	3	1	0	4	4		
		TOTAL					29		
7TH SEMESTER									
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP		
CORE SUBJECTS									
1	OPT242C721	INTERNSHIP	0	0	24	12	24		
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)									
ABILITY ENHANCEMENT ELECTIVE COURSES (AECC)									
DISCIPLINE SPECIFIC-DSE (ANY TWO)									


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		TOTAL						12
8TH SEMESTER								
SL.NO.	SUBJECT CODE	NAMES OF SUBJECTS	L	T	P	C	TCP	
CORE SUBJECTS								
1	OPT242C821	Internship	0	0	10	10	10	
ABILITY ENHANCEMENT COMPULSORY COURSES (AECC)								
ABILITY ENHANCEMENT ELECTIVE COURSES (AEEC)								
DISCIPLINE SPECIFIC-DSE (ANY TWO)								
		TOTAL						10

I. Ability Enhancement Elective Course (AEEC) (Skill Based):


	AEEC/SEC-1 (in fifth semester) (Choose any one)	AEEC/SEC-2 (in sixth semester) (Choose any one)
1	ILD-1	ILD-2
2	FRENCH-1	FRENCH-2
3	C++	LATEX
4	Any other course offered by other schools of RGU and opted by Student	Any other course offered by other schools of RGU and opted by Student

II. Elective: Discipline Specific DSE

Sl.No.	DSE 1-2 (in 5th semester) (Choose any one)	DSE 3-4 (in 6th semester) (Choose any one)
1	LOW VISION REHABILITATION	VISION THERAPY
2	EYE BANKING	OCULAR PROSTHESIS

III. A. (i) Generic Elective Papers (GE) (any two) from other Departments/ Disciplines: (Credit: 03 each) for 1st to 4th Semester

- (a) Physics (b) Chemistry (c) Statistics (d) Biology
(e) Any other subject Offered by other school as Basket course


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