

## **CRITERION 1**

**CURRICULAR ASPECTS** 

METRIC NO. 1.3.3

# B.Sc. Medical Laboratory Technology (BMLT)

Field Work / Research Project / Internship













#### 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 <sup>th</sup> and 8 <sup>th</sup> Semesters
2.	BA - Film and Television Production	2022-23	3 <sup>rd</sup> and 5 <sup>th</sup> semester
3	MA - Film and Television Production	2022-23	3 <sup>rd</sup> semester
4	B. Sc. Animation and Visual Effects	2021-22	6 <sup>th</sup> semester
5	B. Optometry	2021-22	7 <sup>th</sup> and 8 <sup>th</sup> Semesters
6	B. Sc. Operation Theatre Management	2022-23	5 <sup>th</sup> Semester
7	B. Sc. Radiology and Advance Imaging Technology	2022-23	After 6 <sup>th</sup> semester
8	B. Sc. Mathematics and Computing	2021-22	6 <sup>th</sup> Semester
9	BA Public Administration	2022-23	3 <sup>rd</sup> and 5 <sup>th</sup> semester
10	B. Des Graphic Design	2022-23	7 <sup>th</sup> and 8 <sup>th</sup> Semesters

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#### **BScMLT**

### **Programme Structure**

	1st Semester									
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP			
1	BML232C101	Anatomy -I	3	0	0	3	3			
2	BML232C102	Physiology- I	3	0	0	3	3			
3	BML232C103	General Pathology and microbiology	3	0	0	3	3			
4	BML232C104	Basic Biochemistry	3	0	0	3	3			
5	BML232C111	Anatomy -I Practical	0	0	4	2	4			
6	BML232C112	Physiology -I Practical	0	0	4	2	4			
7	BML232C113	General Pathology and Microbiology Practical	0	0	4	2	4			
	Al	oility Enhancement Compulsory Courses (AEC	CC)							
8	CEN982A101	Communicative English I	1	0	0	1	1			
9	BHS982A104	Behavioural Science–I	1	0	0	1	1			
		Generic Elective								
10	BML232G101	GE-I	3	0	0	3	3			
11	BML232G102	GE-II	3	0	0	3	3			
			20	0	10	26	32			
		TOTAL								

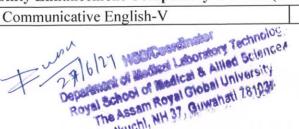
	2 <sup>nd</sup> Semester									
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP			
		Core Subjects								
1	BML232C201	Anatomy- II	3	0	0	3	3			
2	BML232C202	Physiology- II	3	0	0	3	3			
3	BML232C203	Medical Microbiology	3	0	0	3	3			
4	BML232C204	Clinical Biochemistry	3	0	0	3	3			
5	BML232C211	Anatomy -II Practical	0	0	4	2	4			
6	BML232C212	Physiology- II Practical	0	0	4	2	4			
7	BML232C213	Clinical Biochemistry Practical	0	0	4	2	4			
	Abi	lity Enhancement Compulsory Courses (A	ECC	C)						
8	CEN982A201	Communicative English II	1	-	-	1	1			
9	BHS982A204	Behavioural Science-II	1	-	-	1	1			
		<b>Generic Elective</b>								
10	BML232G201	GE-III	3	0	0	3	3			
11	BML232G202	GE-IV	3	0	0	3	3			
			20	0	12	26	32			
		TOTAL								

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	3 <sup>rd</sup> Semester									
SI. No.	Subject Code	Names of subjects	L	Т	P	C	TCP			
	Core Subjects									
1	BML232C301	Fundamentals of Medical laboratory Technology	3	0	0	3	3			
2	BML232C302	Bacteriology, Virology, Mycology and Parasitology	3	0	0	3	3			
3	BML232C303	Histopathology	3	0	0	3	3			
4	BML232C311	Bacteriology, Virology, Mycology and Parasitology -Practical	0	0	4	2	4			
5	BML232C312	Practical-I	0	0	4	2	4			
	,	Ability Enhancement Compulsory Courses (A	ECC)	)						
6	CEN982A301	Communicative English III	1	0	0	1	1			
7	EVS982A303	Environmental Science	2	0	0	2	2			
		Ability Enhancement Elective Courses (Al	EEC)							
8		AEEC-I	2	0	0	2	2			
		Generic Elective					_			
9	BML232G301	GE-V	3	0	0	3	3			
10	BML232G302	GE-VI	3	0	0	3	3			
		TOTAL	20	0	8	24	28			

	4 <sup>th</sup> Semester										
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP				
	Core Subjects										
1	BML232C401	Haematology	4	0	0	4	4				
2	BML232C402	Cytopathology	4	0	0	4	4				
2	DMI 222C402	Computers in Medical Laboratory									
3	BML232C403	Technology	4	0	0	4	4				
4	BML232C411	Practical-II	0	0	4	2	4				
	A	bility Enhancement Compulsory Courses (A	ECC	)							
5 CEN982A401 Communicative English IV 1 0 0 1							1				
		Ability Enhancement Elective Courses (AEE	C)								
6		AEEC-II	2	0	0	2	2				
		Generic Elective									
7	PHR232G401	GE-VII	3	0	0	3	3				
8	PHR232G402	GE-VIII	3	0	0	3	3				
		TOTAL	21	0	4	23	24				

5 <sup>th</sup> semester										
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP			
		Core Subjects								
1	BML232C501	Diagnostic Molecular Biology	4	0	0	4	4			
2	BML232C502	Clinical Immunology	4	0	0	4	4			
3	BML232C502	Biomedical waste management	4	0 3	0	4	4			
	BML232C511	Practical-III	0	0	4	2	4			
	A	bility Enhancement Compulsory Courses (A	ECC)	1						
4	CEN982A501	Communicative English-V	1	-	-	1	1			



		DSE Subjects					
5	BML232D501	Patient Care and Management	4	0	0	4	4
6		Immunohematology and Blood Banking	4	0	0	4	4
0	BML232C511		0	0	4	2	4
	BIVILIZIZESTT	TOTAL	20	0	8	24	28

	6 <sup>th</sup> semester									
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP			
	Core Subjects									
1	BML232C601	Lab management and Quality Control	4	0	0	4	4			
2	BML232C602	Clinical Enzymology and organ function test	4	0	0	4	4			
3	BML232C603	Nutritional Biochemistry	4	0	0	4	4			
4	BML232C511	Practical-V	0	0	4	2	4			
		Ability Enhancement Compulsory Courses (A	ECC)							
5	CEN982A601	Communicative English-VI	1	-	-	1	1			
		DSE Subjects								
6	BML232D601	Biostatistics and Research Methodologies	4	0	0	4	4			
7	BML232D602	Advanced Diagnostic Techniques	4	0	0	4	4			
		TOTAL	21	0	4	23	15			

	,	7 <sup>th</sup> and 8 <sup>th</sup> semester (12 MONTH	INTERNSHIP)				-
Sl. No.		Names of subjects	L	T	P	C	TCP
				Ι.	120	120	120
	BML232C781	Internship	0	10	20	20_	20

Total credit for the course: 26+26+24+23+24+23+20 (practice school 12 month)=166

\*1 Lecture = 1 hour class= 1 credit, 1 Tutorial = 1 hour class= 1 credit, 1 Practical's = 2 hour class= 1 credit

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