

Department of Molecular Biology and Biotechnology, Class Routine for Autumn Semester (July-December, 2019)

CBCS courses to be offered by the Department

Ph. D program	M.Sc. and undergraduate programs
BT752 Introduction to analytical techniques – AK*, SPG, KKH	BT 445- Biosafety and Bioethics- RD*, MM
	BI 109-Basics in Bioinformatics- MVS*, ANJ

Ph. D program

Core courses	Elective courses
BT 710- Research Methodology (2+1+1) AKM*, SKR	BT 717- Evolutionary Genetics and Immunogenetics (3+1+0) SB*, SKR, SPG

M.Sc. in MBBT

M Sc I Semester	M Sc III Semester
BT 441- Biochemistry (3-0-0) AKM*, TM	BT 457 – Genetic Engineering (3-0-0) RM*, RD, BKK
BT 443- Cell Biology (3-0-0) EK*, AR, SDG	BT 459- Molecular Diagnostics (3-0-0) SB*, Others
BT 478 – Microbiology (3-0-0) SB *, MM (approval awaiting for the code)	BT 461- Bioprocess Engineering and Technology (3-0-0) MM*, TM, (GF)
BT 447 – Genetics (3-0-0) SPG*, SKR	BT 469 - Intellectual Property Rights, Biosafety and Bioethics (3-0-0) RD*, MM
BT 449- Basics of Mathematics and Statistics (2-0-0) MVS*, PB	BT 471- Lab-V Genetic Engineering (0-0-3) RM*,NKB
BT 451- Basics of Chemistry and Physics (2-0-0) ANJ*, MVS	BT 473- Lab-VI Bioprocess Engineering and Technology (0-0-3) TM*, NKB (GF)
BT 453- Lab-I Biochemistry and Analytical Techniques (0-0-3) AKM*, KKH	BT 475 – Project Proposal Presentation AK*, ANJ
BT 455- Lab-II Microbiology (0-0-2) MM*, SB, NKB	#Elective I: BT 463- Plant and Animal Biotechnology (3-0-0) EK*, SDG
	#Elective II: BT 467- Microbial Biotechnology (3-0-0) MM*, AKM

Integrated M.Sc. in Bioscience and Bioinformatics

III Semester	V Semester	VII Semester
BI 233- Cell Biology (3-0-0) AR*, EK, SDG	BI 321- Molecular Biology (2-1-0) AR*, RM, AK	BI 421- Structural Bioinformatics (2-1-0) ANJ*,AK
BI 235- Genetics - I (3-0-0) SKR*, BKK, SPG	BI 323- Developmental Biology (2-1-0) SDG*, EK	BI 423-Cell and Tissue Culture (2-1-0) SDG*, JPS,
BI 237 - Introduction to Bioinformatics (3-0-0) PB*, MVS	BI 325- Analytical Techniques (2-1-0) SPG*, KKH	BI 425 Bioinformatics Software and Algorithms (2+0+0) PB*, MVS
BI 239- Biology Major III Lab (0-0-3) SPG*, PM	BI 327 -Bioprogramming and Biostatistics (2-1-0) AK*, PB	Elective I: BI 427: Animal Biotechnology (2-1-0) RM* , (other/GF?) Elective II: BI 431 Plant Biotechnology (2-1-0) JPS*, BKK
	BI 335- Biochemistry II (2-0-0) TM*, AKM	BI 435 Fermentation and Bioprocess Engineering (2-0-0) TM* MM GF if needed
	BI 331- Lab on Enzymology (0-0-2) RD*, NB	BI 437 Lab on Cell &Tissue Culture (0-0-2) SDG*, JPS, NKB
CBCS/ Elective (3-0-0)	BI 333- Lab on Molecular Biology (0-0-2) SKR*, PM	BI 439 Lab on Bioprocess Engineering (0-0-2) TM*, MM, (GF) PM
		CBCS/Elective (3-0-0)

Integrated M.Sc. in Bioscience and Bioinformatics (IX Semester)

BI 525-Seminar III (0-1-0) ANJ*, AK

Integrated M.Sc. in Life Science (I Semester)

LI 101- Biology Major I (3-0-0) JPS*, BKK,
--

LI 103 – Biology Major I Lab (0-0-3) JPS*, PM

BI 101-Biology I (2-1-0) SKR*, SB, JPS
--

BI 107- Biology I lab (0-0-3) EK*, KKH, PM
--

BKK: Prof B K Konwar, **AKM:** Prof A K Mukherjee; **SB:** Prof S Baruah; **SKR:** Prof. S K Ray; **AR:** Prof. A Ramteke; **MM:** Prof. M Mandal; **RD:** Dr. R Doley; **TM:** Dr T Medhi; **EK:** Dr. E Kalita; **SPG:** Dr. SPG Ponnam; **ANJ:** Dr. A N Jha; **RM:** Dr. R Mukhopadhyay; **SDG:** Dr S Dasgupta; **MVS:** Dr M V Satish Kumar; **JPS:** Dr J P Saikia; **AK:** Dr Aditya Kumar; **PB:** Dr Pankaj Barah; **KKH:** Dr K Hazarika; **NKB:** Dr N K Bordoloi; **PM:** Mr. P Mudoi; **GF:** Guest faculty

Class Routine for M. Sc. and Integrated M.Sc. Courses, Autumn Semester 2019 (With allotment of Room)

DAY	SEM	9:10-10:10 AM	10.30-11.30 AM	11.30AM-12.30 PM	12.30-1.30 PM	1.30-2.30 PM	2.30-3.30 PM	3.30-4.30 PM	4.30-5.30 PM
MON	MSc I	BT 441 (R109)	BT 443 (R109)	BT 478 (R109)		Tutorial	BT 451(R109)	BT 449 (R109)	Library
	MSc III	BT 457 (R 218)	BT 469(R 218)	BT 463 (R218)/ BT 467 (CR)			BT 471/BT 473 (R212)		
	Int MSc III		CI 201	Tutorial		BI 233 (R117)	BI 235 (Lib)	Library	CS535
	Int MSc V	BI 327 (R117)	BI 321 (R117)	BI 325 (R 303)		Tutorial	BI 331/BI 333(R 213)		
	Int MSc VII	BI 423 (R 303)	BI 425 (R303)	BI 421 (R117)		BI 427 (Lib)	BI 437/BI439 (R309)		
	Int MSc I	PI 101	CI 101	BI 101/LI 101 (Lib)		BI 107 (R113) (Physics)/Physics lab for MBBT			ED105
Ph.D.	BT 710 (Lib)				BT 717 (R 303)				
TUE	MSc I	BT 478 (R109)	BT 443 (R109)	BT 447 (R109)		Library	BT 449 (R109)	BT 451(R109)	Library
	MSc III	BT 463(R218)/ BT 467(CR)	BT 461 (R 218)	BT 459 (R 218)			BT 471/BT 473 (R212)		
	Int MSc III	BI 237 (Lib)	PI 201			BI 235 (Lib)	BI 239(R 309)		CS535
	Int MSc V	BI 325 (R 303)	BI 323 (R303)	BI 335 (R 303)			BI 331/BI 333(R 213)		
	Int MSc VII	CBCS	BI 421 (CR)	BI 425 (R 117)		BI 431 (R 117)	BI 437/BI439 (R309)		
	Int MSc I	MI101	BI 101/LI 101 (R117)	PI101		BI 107 (R113) (Physics)/ Physics lab for MBBT			ED105
Ph. D.	CBCS		BT 710 (Lib)						
WED	MSc I	BT 441(R109)	BT 447(R109)	BT 443 (R109)		Tutorial	Tutorial	Library	Library
	MSc III		BT 459 (R 218)	BT 459 (R 218)			BT 471/BT 473 (R212)		
	Int MSc III	BI 233(R 117)	PI 201	CI201		BI 237 (Lib)	BI 239(R 309)		ED 202
	Int MSc V	Tutorial	BI 327 (R 117)	BI 335 (R 303)		BI 323 (R 303)	BI 331/BI 333(R 213)		
	Int MSc VII	CBCS	BI 431 (R 303)	BI 427 (R 117)		BI 435 (R117)	BI 437/BI439 (R309)		
	Int MSc I	EG101	CI101	PI101		LI 103 (R113) (Biology)			
Ph. D.	CBCS	BT 710 (Lib)	BT 717 (Lib)						
THU	MSc I	BT 441(R109)	BT 478(R109)	BT 447 (R109)		BT 453/BT455 (R212)			
	MSc III	BT 457 (R 218)	BT 461 (R 218)	BT 469 (R 218)		Tutorial	BT 463 (R218)/ BT 467 (R117)	Library	
	Int MSc III	PI 201	CI 201	BI 235 (Lib)					
	Int MSc V	BI 323 (R 303)	BI 321 (R 117)			BI 325 (R 303)	Library/Tutorial		
	Int MSc VII	BI 421 (R 117)	BI 431 (R 303)	BI 423 (R 117)		Tutorial	BI 437/439 (R 309)		
	Int MSc I	MI101	BI 101/LI 101 (Lib)	EG101		LI 103 (R113) (Biology)			
Ph.D.					BT 717 (Lib)				
FRI	MSc I	BT 453/BT455 (R212)				BT 453/BT455 (R212)			
	MSc III	BT 457 (R 218)	BT 461 (R 218)	BT 469 (R 218)		BT 425-Project proposal			
	Int MSc III	Tutorial	BI 237 (Lib)	BI 233 (Lib)		CS535(P)			
	Int MSc V	Tutorial	BI 321 (R117)	BI 327 (R117)		Tutorial/Library			
	Int MSc VII	CBCS	BI 423 (R303)	BI 435 (R303)		BI 427 (R117)			
	Int MSc I	EG101	MI101	CI101		ED 101			
Ph. D.	CBCS		BT 710 (Lib)		BT 717 (R 303)				