

Department of Molecular Biology and Biotechnology, Class Routine for Autumn Semester (July-December, 2017)

CBCS courses to be offered by the Department

Ph. D program	M.Sc. and undergraduate programs
BT 751- Introduction to Biostatistics and Bioinformatics (3+1+0) MVS*	BT 445- Biosafety and Bioethics (2+1+0)SS*, BKK, RM
	BT 424- Bioethics, Biosafety and IPR(2+0+0) RD*, NDN

Ph. D program

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

M.Sc. in MBBT

M Sc I Semester	M Sc III Semester
BT 401- Biochemistry (2+1+0) AKM*, TM	BT 420 – Bioprocess Engineering and Technology (2+1+0) MM*, TM, AKM
BT 402- Cell and Developmental Biology (2+1+0)SS*,EK,AR	BT 421-Immunotechnology (2+0+0) SB*SDG
BT 403- Molecular Biology (2+1+0) AR*, AK, RM	BT 422- Molecular Virology (2+0+0) NDN* SS, SB
BT 404- Analytical Techniques (2+1+0) PB* All faculty	BT 424-Laboratory (Bioprocess Engg and Tech) (0+0+3) MM*TM
BT 405- Biostatistics and Computer Applications (2+1+0) MVS*	BT 425 – Project Proposal Presentation SS*
BT 406- Seminar/Journal club (0+0+1) AK*, ANJ	Elective I: BT-433 Animal Biotechnology SDG*, RM/ BT-435 Plant Biotechnology EK*JPS,BKK,SKR
BT 407-Laboratory (Biochemistry and Analytical Techniques) (0+0+3)SKR*, AKM, KH	
BT 408- Laboratory (Molecular Biology) (0+0+3) AR*, RM, SKR ?	Elective II: BT439 Nano Biotechnology EK*JPS/BT450, Evolutionary Genetics SKR*,PB,SB
BT 400- Foundation Course- MBBT faculty	
CBCS Course	BT 423: IPR and Biosafety MM* RD, BKK (faculty from IPR cell will teach also)

Integrated M.Sc. in Bioscience and Bioinformatics

III Semester (New Course)	V Semester (New course)	VII Semester (new course)
MI 211- Numerical Methods and Integrals (2-1-0)	BI 321- Molecular Biology (2-1-0) RM*SKR	BI 421- Structural Bioinformatics (2-1-0) ANJ*AK
BI 231 Biochemistry - I (2-1-0) TM*, JPS	BI 323- Developmental Biology (2-1-0) SDG*, SB	BI 423-Cell and Tissue Culture (2-1-0) SDG*, JPS
BI 223- Cell Biology (2-1-0) AR* EK	BI 325- Analytical Techniques (2-1-0) PB*, All faculty	BI 425 Bioinformatics Software and Algorithms (2+0+0) MVS*,PB
BI 229- Animal Physiology (2-0-1) RD*,SDG	BI 327 -Bioprogramming and Biostatistics (2-1-0) ANJ*	Elective I: BI-429Microbial Biotechnology, MM*, BKK BI 427: Animal Biotechnology (2-1-0) RM* SDGOR, BI 431 Plant Biotechnology (2-1-0) JPS*, EK, ,BKK,SKR
BI 227- Lab for Biochemistry and Cell Biology (0-0-2) AR* P Mudoj	BI 335- Biochemistry II (2-0-0) AKM*,TM	BI 435 Fermentation and Bioprocess Engineering (2-0-0) TM* Guest Faculty
CI 201- Chemistry-III ((2-1-0)	BI 331- Lab. on Enzymology (0-0-2)NDN*TM, AKM	BI 437 Lab on Cell &Tissue Culture (0-0-2) SDG* +JPS
CBCS/ Elective (3-0-0)	BI 333- Lab. on Molecular Biology (0-0-2) RM*	BI 439 Lab on Bioprocess Engineering (0-0-2) TM*
		CBCT/Elective (3-0-0)

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

BI 101- (Theory) BKK*, SKR, SS
BI 101 – (Practical) SKR*
BI 103- Foundation Course- MBBT Faculty

BKK: Prof B K Konwar, **AKM:** Prof A K Mukherjee; **SB:** Prof S Baruah; **SKR:** Dr. S K Ray; **MM:** Dr. M Mandal; **AR:** Dr. A Ramteke; **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; **SS:** Dr. S Saha; **NDN:** Dr. N D Namsa; **SDG:** Dr S Dasgupta; **MVS:** Dr M V Satish Kumar; **BKKH:** JPS: Dr J P Saikia; **AK:** Dr Aditya Kumar; **PB:** Dr Pankaj Barah; **KH:**Dr K Hazarika; **NKB:** Dr N K Bordoloi; **PM:** Mr. P Mudoj; **GF:** Guest Faculty.

Class Routine for M. Sc. and Integrated M.Sc. Courses, Autumn Semester 2017(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 401 (R 109)	BT 403 (R 109)	BT 402 (R 109)		BT 404 (R 109)	BT 407 (R 212)		
	MSc III	BT 422 (R 218)	BT 439 (R 218)	BT 420 (R 218)		BT 433 (R 218)	BT424(R114)		
	Int MSc III	MI 211	CI 201	BI 223 (LIB)		BI 231 (LIB)	BI 227(R 113)		
	Int MSc V	BI 327 (R 303)	BI 321 (R 303)	BI 325 (R 303)		BI 331/BI 333(R 213)			
	Int MSc VII	BI 423 (R 117)	BI 425 (R 117)	BI 421 (R 117)		BI 427 (R 117)	BI 437		
	Int MSc I			BI 101(T)					
TUE	MSc I	CBCS	BT 405 (R 109)	BT 401 (R 109)		BT 407(R 212)			
	MSc III	BT 423 (R 218)	BT 439 (R 218)	BT 439 (R 218)		BT 435 (R 218)	Project lab visit		
	Int MSc III	CI 201(T)	BI 223 (LIB)	MI 211		BI 227			
	Int MSc V	CBCS	BI 327 (R 303)	BI 335 (R 303)		BI 323 (R 109)	BI 331/BI 333(R 213)		
	Int MSc VII	CBCS	BI 421 (R117)	BI 425 (R 117)		BI 431 (R 303)	LIBRARY/TUTORIAL		
	Int MSc I		BI 101(T)			BI 101 Group B (Biosc+Chem)-Practical(R 114)			
	Ph. D.	BT 710 (R 303)							
WED	MSc I	CBCS	BT 403 (R 109)	BT 404 (R 109)		BT 402 (R 109)	BT 408 (R 212)		
	MSc III	BT423(R 218)	BT 433 (R 218)	BT 435 (R 218)		BT424(R 114)			
	Int MSc III	CBCS	BI 231 (LIB)	BI 229(LIB)		Interaction with faculty members in the Department/Library visit			
	Int MSc V	CBCS	BI 335 (R 303)	BI 325 (R 303)		BI 323 (R 303)	BI 331/ BI 333(R 213)		
	Int MSc VII	CBCS	BI 431 (R 117)	BI 427 (R 117)		BI 435 (Lib)	BI 437		
	Ph. D.	BT 710 (R 303)							
THU	MSc I	BT 401 (R 109)	BT 405 (R 109)	BT 404 (R 109)		BT 408 (R 212)			
	MSc III	BT 420 (R 218)	BT 435 (R 218)	BT 422 (R 218)		BT 421 (R 218)	Project lab visit		
	Int MSc III	BI 231(LIB)	CI 201(T)	BI 223 (LIB)		BI 229 (LIB)	Seminar/Sports		
	Int MSc V	BI 323 (R 303)	BI 321 (303)	BI 325 (R 303)		LIBRARY/TUTORIAL			
	Int MSc VII	BI 423 (R 117)	BI 431 (R 117)	BI 421 (R 117)		BI439(R 213)			
FRI	MSc I	CBCS	BT 403 (R 109)	BT 402 (R 109)		BT 405 (R 109)	BT 406-SEMINAR		
	MSc III	BT423(R 218)	BT 433 (R 218)	BT 421 (R 218)		BT 420 (R 218)	BT 425 -PROJECT PRO POSAL		
	Int MSc III	CBCS	MI 211	BI 229 (R 303) Lab		BI 229 Lab	Seminar/Sports		
	Int MSc V	CBCS	BI 321 (Lib)	BI 327 (Lib)		Seminar/Sports			
	Int MSc VII	CBCS	BI 423 (117)	BI 435 (117)		BI 427 (Lib)	BI 407-SEMINAR		
	Int MSc I					BI 101 Group A(Math +Phys)-Practical(R 114)			
	Ph. D.	BT 710 (R 303)							

****BT 445 and BT 300 classes will be held on TUE, WED & FRI during CBCS timing at Room nos 109 and 303.**

**** Coordinators of BT407, BT408 and BT424 will adjust the timing of practical classes mutually**

*****Foundation Course: BT400 (MSc. I Semester) and BI 103 (Int. MSc. I semester); Classes will be held on Fridays from 5:30-7:00 PM and 7:30-9:00 PM**