

School of Biological Sciences
Varsha 2024 - Courses - Teaching Assignment

SL NO.	COURSE_CODE	COURSE_NAME	CREDIT(S)	STUDENT GROUPS ELIGIBLE, e.g. BSMS4, MSC1,IPHD2, PhD etc.	LECTURER
1	BIO111	Principles of Life I : Evolution and Genetics	3	BSMS1	Dr.Ullasa Kodandaramaiah, Dr.Amrutha Swaminathan
2	BIO112	Biology Lab I	1	BSMS1	Prof. Hema Somanathan, Dr.Ullasa Kodandaramaiah, Dr.Karthik Chandiran, Dr. Swathi Devireddy, Dr. Anirban Guha, Dr. Yashraj Chavhan
3	BIO211	Principles of Life III: Organismal Biology	4	BSMS2	Prof. Hema Somanathan, Dr. Ravi Maruthachalam, Dr. Yashraj Chavhan
4	BIO212	Principles of Life IV: Microbiology	3	BSMS2	Dr. Stalin Raj, Dr. Nisha Kannan
5	BIO311	Advanced Microbiology	3	BSMS3	Dr. Nishana Mayilaadumveetil
	MSB311	Advanced Microbiology	3	MSC1	
6	BIO312	Advanced genetics and Genome biology	3	BSMS3	Prof. Nishant KT
	MSB312	Advanced genetics and Genome biology	3	MSC1	
	BIO612	Advanced genetics and Genome biology	3	PHD	
7	BIO313	Physiology	3	BSMS3	Dr. Satish Khurana
	MSB313	Physiology	3	MSC1	
8	BIO314	Biochemistry (Minor)	3	BSMS3	Dr. Ravi Maruthachalam, Dr. Sanu Shameer
	MSB314	Biochemistry	3	MSC1	
9	BIO315	Advanced Biology lab I	3	BSMS3	Prof. Tapas Manna, Dr. Sabari Sankar Thirupathy
	MSB316	Advanced Biology lab I	3	MSC1, IPHD1	
10	BIO316	Biostatistics	3	BSMS3, IPHD1	Dr. Bandan Chakraborty, Dr. Sandhya Ganesan
	MSB412	Biostatistics	2	MSC2	
	BIO616	Biostatistics	3	PHD	
11	BIO411	Developmental Biology	3	BSMS4	Dr. Jishy Varghese
	MSB411	Developmental Biology	3	MSC2	
	BIO6011	Developmental Biology	3	PHD	
12	BIO4102	Evolutionary Ecology	3	BSMS4	Prof. Hema Somanathan, Dr. Ullasa Kodandaramaiah, Dr. Yashraj Chavhan
	MSB315	Evolutionary Ecology	3	MSC1	
	BIO6102	Evolutionary Ecology	3	PHD	
13	MSB413	Advanced Biology lab III	3	IPHD2, MSC2	Dr. Ullasa Kodandaramaiah, Prof. Hema Somanathan, Dr.Nisha Kannan, Dr. Amrutha Swaminathan
	BIO412	Advanced Biology lab III	3	BSMS4	

14	BIO413	Neurobiology	3	BSMS4	Dr. Poonam Thakur
	BIO6013	Neurobiology	3	PHD	
	BIO4123	Neurobiology	3	IPHD2, MSC2	
15	BIO317	Drug Discovery and Development (Minor only course)	3	BSMS3	Dr. Kamalakannan Vijayan
16	MSB414	Seminar course	1	IPHD2, MSC2	Dr. Sabari Sankar Thirupathy
17	BIO4118	Microbiome & Vaccinology	2	BSMS4	Dr. V Stalin Raj
	I2B412	Microbiome & Vaccinology	2	i2BSMS4	
18	BIO6104	Cancer Biology	3	PHD	Prof. Murty Srinivasula
	BIO4104	Cancer Biology	3	BSMS4	
19	I2B411	Systems Biology - Theory	3	i2BSMS4	Dr. Sanu Shameer, Dr. Bandan Chakraborty
	BIO4119	Systems Biology - Theory (Minor)	3	BSMS4	
	BIO6119	Systems Biology - Theory	3	PHD	
20	BIO6115	Synthetic Biology	3	PHD	Dr. Vijay Jayaraman
	BIO4115	Synthetic Biology	3	BSMS4	
	I2B413	Synthetic Biology	3	i2BSMS4	
21	BIO6120	Biological spectroscopy & Microscopy	3	PHD	Dr. Sandhya Ganesan, Dr. Vijay Jayaraman
	BIO4120	Biological spectroscopy & Microscopy	3	BSMS4	
	I2B414	Biological spectroscopy & Microscopy	3	i2BSMS4	
22	BIO6121	Human Genetics, Gene Therapy & Personal Genomics	3	PHD	Dr. Sadananda Singh
	BIO4121	Human Genetics, Gene Therapy & Personal Genomics	3	BSMS4	
	I2B415	Human Genetics, Gene Therapy & Personal Genomics	3	i2BSMS4	
23	BIO4110	Cryo-Electron microscopy and 3D image processing for Life sciences (Minor)	3	BSMS4	Dr. Ramanathan Natesh
	BIO4110	Cryo-Electron microscopy and 3D image processing for Life sciences	3	MSc2	
	BIO6110	Cryo-Electron microscopy and 3D image processing for Life sciences	3	PHD	
24	BIO4111	Biosafety and Regulation	1	BSMS5, IPHD, MSC	Dr. Sabari Sankar Thirupathy
	BIO6111	Biosafety and Regulation	1	PHD	
25	BIO4220	Bacterial Communication and Pathogenesis	2	BSMS4, BSMS5, MSC2	Dr. Dipshikha Chakravorty
	BIO6220	Bacterial Communication and Pathogenesis	2	PHD	
26	I2B511	Major Project Phase-I	12	I2B5	
27	MSB418	Project Phase-I	3	MSC2	
28	BIO511	Major Project Phase-I	15	BSMS5	