

PONDICHERY UNIVERSITY
SCHOOL OF LIFE SCIENCES
DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
SYLLABI FOR M.Sc. BIOCHEMISTRY AND MOLECULAR BIOLOGY
(2009 ONWARDS)

SL.NO.	NAME OF THE COURSE	CREDIT	PAGE NO
FIRST SEMESTER			
BMB 401	BIOMOLECULES	3	1
BMB 402	HUMAN PHYSIOLOGY	3	2
BMB 418	CELL BIOLOGY	3	3
BMB 404	ANALYTICAL BIOCHEMISTRY & BIOPHYSICS	3	4
BMB 405	BIOSTATISTICS & SCIENTIFIC WRITING (Soft Core)	3	6
BMB 451	BIOMOLECULES LAB	1	7
BMB 452	HUMAN PHYSIOLOGY LAB	1	7
BMB 464	CELL BIOLOGY LAB	1	8
BMB 454	ANALYTICAL BIOCHEMISTRY & BIOPHYSICS LAB	1	8
SECOND SEMESTER			
BMB 406	METABOLISM & REGULATION	3	9
BMB 407	ENZYMOLGY	3	10
BMB 409	BIOINFORMATICS (Soft Core)	3	11
BMB 411	GENERAL MICROBIOLOGY	3	13
BMB 412	CLINICAL BIOCHEMISTRY	3	14
BMB 413	ENDOCRINOLOGY	3	15
BMB 414	MOLECULAR BIOLOGY	3	16
BMB 455	METABOLISM & REGULATION LAB	1	17
BMB 456	ENZYMOLGY LAB	1	17
BMB 458	BIOINFORMATICS LAB (Soft Core)	1	18
BMB 459	MICRO BIOLOGY LAB	1	18
BMB 460	CLINICAL BIO CHEMISTRY LAB	1	19
BMB 461	MOLECULAR BIOLOGY LAB	1	19

SL.NO.	NAME OF THE COURSE	CREDIT	PAGE NO
THIRD SEMESTER			
BMB 501	MOLECULAR BASIS OF CELLULAR DISORDERS	3	20
BMB 502	MOLECULAR IMMUNOLOGY	3	21
BMB 503	PLANT PHYSIOLOGY	3	22
BMB 509	GENETIC ENGINEERING	3	23
BMB 510	CANCER BIOLOGY	3	24
BMB 551	MOLECULAR IMMUNOLOGY LAB	1	25
BMB 552	PLANT PHYSIOLOGY LAB	1	25
BMB 554	GENETIC ENGINEERING LAB	1	26
FOURTH SEMESTER			
BMB 506	PROTEOMICS	3	27
BMB 507	MOLECULAR ENDOCRINOLOGY	3	28
BMB 508	PLANT BIOTECHNOLOGY (Soft core)	3	29
BMB 511	NEUROBIOLOGY (Soft Core)	3	30
BMB 512	DEVELOPMENTAL BIOLOGY (Soft Core)	3	31
BMB 575	PROJECT (Soft Core)	4	

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DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
SCHOOL OF LIFE SCIENCES
TIME TABLE - III SEMESTER
July 2011-12
Effective from July 04, 2011

PERIODS DAYS	8: 30 A.M. TO 9:30A.M.	9: 30 A.M. TO 10:30A.M.	10:30 A.M. TO 11:30 A.M.	11:30 A.M TO 12:30 P.M.	12:30 P.M TO 1:30 P.M.	2:30 P.M. TO 5:30 P.M.
MONDAY	BMB-508 CT (R.No.037)	BMB-510 CT (R.No.037)	BMB-502 SS (R.No.037)	BMB-509 PL (R.No.037)		BMB 460 RR & PL (R.NO.030)
TUESDAY	BMB-508 CT (R.No.037)	BMB-509 PL (R.No.037)	BMB 412 RR (R.No.037)	BMB-411 SS (R.No.037)	-	BMB-551 SS & RR (R.NO.030)
WEDNESDAY	BMB 509 PL (R.No.037)	BMB-510 CT (R.No.037)	BMB 501 KS (R.No.037)	BMB 412 RR (R.No.037)	-	BMB 554 PL & SS (R.NO.030)
THURSDAY	BMB-508 CT (R.No.037)	BMB 502 RR (R.No.037)	BMB 501 KS (R.No.037)	BMB 502 SS (R.No.037)		BMB 575 PROJECT
FRIDAY	BMB-510 CT (R.No.037)	Soft core lab			BMB-501 KS (R.No.037)	SEMINAR (R.NO. 135)

<u>CODE</u>	<u>NAME OF THE COURSE</u>	<u>FACULTY</u>
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BMB-501	Molecular Basis of Cellular Disorders	Dr.K.Srikumar
BMB-508 (Soft core)	Plant Biotechnology	Dr. C. Thirunavukkarasu
BMB- 509	Genetic Engineering	Dr. P. Latha
BMB-510	Cancer Biology	Dr. C.Thirunavukkarasu
BMB- 502	Molecular Immunology	Dr. S. Sudha
BMB-412	Clinical Biochemistry	Dr. R. Rukkumani
BMB-554	Genetic Engineering Lab	Dr. P. Latha
BMB-551	Molecular Immunology Lab	Dr. S Sudha
BMB-460	Clinical Biochemistry Lab	Dr.R.Rukkumani

PONDICHERY UNIVERSITY
DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY
SCHOOL OF LIFE SCIENCES
TIME TABLE – I SEMESTER
Effective from July 15, 2011

PERIODS DAYS	9: 30 A.M. TO 10:20A.M.	10:30 A.M. TO 11:20 A.M.	11:30 A.M TO 12:20 P.M.	2:00 P.M. TO 5:30 P.M.
MONDAY	BMB 405 RR (R.No. 135)	BMB 404 KS R.No.135)	BMB 401 PPM (R.No. 135)	BMB 463 CT & KJ (R.No.051 & 052)
TUESDAY	BMB 418 CT (R.No. 135)	BMB 402 KJ R.No.135)	BMB 404 KS (R.No.135)	BMB 451 PPM & KS (R.No.051 & 052)
WEDNESDAY	BMB 405 RR (R.No. 135)	BMB 401 PPM (R.No. 135)	BMB 402 KJ (R.No. 135)	BMB 45 KJ & CT (R.No.051 & 052)
THURSDAY	BMB 402 KJ (R.No. 135)	BMB 418 CT (R.No. 135)	BMB 401 PPM (R.No. 135)	BMB 454 KS & PPM (R.No.051 & 052)
FRIDAY	BMB 405 RR (R.No. 135)	BMB 404 KS (R.No. 135)	BMB 418 CT (R.No. 135)	SEMINAR (R.No.135)

* All lab courses will be carried out in 2 batches

CODE	SUBJECT	FACULTY
BMB 401	Biomolecules	Dr.P.P.Mathur
BMB 402	Human Physiology	Dr.K.Jeevaratnam
BMB 418	Cell Biology	Dr.C.Thirunavukkarasu
BMB 404	Analytical Biochemistry & Biophysics	Dr.K.Srikumar
BMB 405	Biostatistics & Scientific Writing	Dr.R. Rukkumani
BMB-451	Biomolecules Lab	Dr.P.P.Mathur
BMB-452	Human Physiology Lab	Dr.K.Jeevaratnam
BMB-463	Cell Biology Lab	Dr.C.Thirunavukkarasu
BMB-454	Analytical Biochemistry & Biophysics Lab	Dr.K.Srikumar

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