

Course Structure for Under-Graduate Programs:

updated on 02-April-2013

Annexure-2

B.Tech. (Aerospace Engineering) WITH FULL STRUCTURE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	AE321	AE312	AE411	AE422
	MTH101	CHM101	CHM201N	ESO202	AE331	AE322	AE461	AE462
	HSS-I-1/ ENGL12N	PHY103	ESO204	TA201N	AE341	AE332N	AE471	AE472
	TA101	MTH102	ESO212	AE232	AE361	AE342		
	ESC102	ESC101	AE231	AE211				DEL-2
	PE101	AE100			OE-1	DEL-1	OE-2	OE-3
		PE102			HSS-II-I	SE-1	SE-2	HSS-II-2

B.Tech. (Aerospace Engineering)

S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	AE321	AE312	AE411	AE422
	MTH101	CHM101	CHM201N	ESO202	AE331	AE322	AE461	AE462
	HSS-I-1/ ENGL12N	PHY103	ESO204	TA201N	AE341	AE332N	AE471	AE472
	TA101	MTH102	ESO212	AE232	AE361	AE342		
	ESC102	ESC101	AE231	AE211				
	PE101	AE100						
		PE102						

In addition to above, the student must complete the following credits:

DE 08 Credits
 OE 12 Credits
 HSS-2 08 Credits
 SE 08 Credits

BTMT B.Tech. (Aerospace Engineering) WITH FULL STRUCTURE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	
	PHY102	PHY101	MTH203N	HSS-I-2	AE321	AE312	AE411	
	MTH101	CHM101	CHM201N	ESO202	AE331	AE322	AE461	
	HSS-I-1/ ENGL12N	PHY103	ESO204	TA201N	AE341	AE332N	AE471	
		MTH102	ESO212	AE232	AE361	AE342		
	TA101	ESC101	AE231	AE211				D-PG2
	ESC102	AE100			OE-1	D-PG1	OE-2	OE-3
	PE101	PE102			HSS-II-I	SE-1	SE-2	HSS-II-2

BTMT M.Tech. (Aerospace Engineering) WITH FULL STRUCTURE

C O U R S E	EIGHT	SUMMER	NINTH	TENTH
	AE422	4 CR THESIS	D-PG6	16 CR THESIS
	AE462		12 CR THESIS	
	D-PG3			
	D-PG4			
	D-PG5			
	4 CR THESIS			
	20 CR COURSES		4 CR COURSE	
	4 CR THESIS	4 CR THESIS	12 CR THESIS	16 CR THESIS

B.Tech. (Biological Sciences and Biological Engineering WITH FULL STRUCTURE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	CHM101	TA101	MTH203N	TA201N	BSE332	BSE314		
	PHY101	PHY103	CHM201N	ESO-II	BSE341	BSE392		BSE499/ DE
	PHY102	MTH102	BSE212	BSE216	BSE391	DEL-1	BSE491	DEL-3
	MTH101	ESC102	ESO-1	BSE292	OE-1	DEL-2	BSE498	DEL-4
	HSS-I-1/ ENGL12N	BSE100	ESO-219	ESO-3	HSS-II-1	OE-2	SE-1	SE-3
		PE102			BSE352	HSS-II-2	OE-3	OE-4
	ESC101			HSS-I-2			SE-2	
PE101								

B.Tech. (Biological Sciences and Biological Engineering)

S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	CHM101	TA101	MTH203N	HSS-I-2	BSE322	BSE314		
	PHY101	PHY103	CHM201N	TA201N	BSE341	BSE392		BSE499/ DE
	PHY102	MTH102	BSE-212	ESO-II	BSE391		BSE491	
	MTH101	ESC102	ESO-1		BSE352		BSE498	
	HSS-I-1/ ENGL12N	BSE100	ESO-219	BSE216 (ESO-3)				
		PE102		BSE292				
	ESC101							
PE101								

In addition to above, the student must complete the following credits:

DE 16 Credits
 OE **16 Credits**
 HSS-2 08 Credits
 SE **12 Credits**

The above template is valid for Y7 batch or students joining later in BSBE. The students of other batches must contact the Convener, DUGC, BSBE for their course templates.

B.Tech. (Chemical Engineering) WITH FULL TEMplete

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	CHE312	CHE313	CHE452	CHE492
	MTH101	CHM101	CHM201N	TA201N	CHE331	CHE362	CHE453	CHE463
	HSS-I-1/ ENGL12N	PHY103	ESO202	ESO218	CHE361	CHE381	CHE494	
		MTH102	ESO212	CHE211		CHE391	CHE495	
	TA101	ESC101	CHE251	CHE221			DEL-1	DEL-3
	ESC102	CHE100			OE-1	OE-2	OE-3	DEL-2
PE101	PE102			SE-1	HSS-II-I	HSS-II-2	SE-2	

B.Tech. (Chemical Engineering)

C O U R S E	S E M E S T E R							
	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	CHM101	TA101	MTH203N	HSS-I-2	CHE312	CHE313	CHE452	CHE492
	PHY101	PHY103	CHM201N	TA201N	CHE331	CHE362	CHE453	CHE463
	PHY102	MTH102	ESO202	ESO218	CHE361	CHE381	CHE494	
	MTH101	ESC102	ESO212	CHE211			CHE391	CHE495
	HSS-I-1/ ENGL12N	CHE100	CHE251	CHE221				
		PE102						
	ESC101							
	PE101							

In addition to above, the student must complete the following credits:

DE 12 Credits
 OE 12 Credits
 HSS-2 08 Credits
 SE 08 Credits

BTMT B.Tech. (Chemical Engineering) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	CHE312	CHE313	CHE452	
	MTH101	CHM101	CHM201N	TA201N	CHE331	CHE362	CHE453	
	HSS-I-1/ ENGL12N	PHY103	ESO202	ESO218	CHE361	CHE381	CHE494	
		MTH102	ESO212	CHE211		CHE391	D-PG1	
	TA101	ESC101	CHE251	CHE221			D-PG2	
	ESC102	CHE100			OE-1	OE-2	D-PG3	
PE101	PE102			SE-1	HSS-II-I	HSS-II-2		

BTMT M.Tech. (Chemical Engineering) WITH FULL TEMPLETE

C O U R S E	EIGHT	SUMMER	NINTH	TENTH
	CHE492	4 CR THESIS	D-PG6	16 CR THESIS
	CHE463		12 CR THESIS	
	D-PG4			
	D-PG5			
	CHE701 ZERO CR			
	4 CR THESIS			
	16 CR COURSES		4 CR COURSE	
4 CR THESIS	4 CR THESIS	12 CR THESIS	16 CR THESIS	

B.Tech. (Civil Engineering) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	CE321	CE312N	CE451	CE492
	MTH101	CHM101	CHM201N	ESO218	CE331	CE322	CE491	
	HSS-I-1/ ENG112N	PHY103	ESO204	TA201N	CE361	CE332		OE-3
		MTH102	ESO212	CE222	CE371	CE362		OE-2
	TA101	ESC101	CE251	CE242	CE311	CE373	DEL-1	DEL-3
	ESC102	CE100				CE382	OE-1	DEL-2
PE101	PE102			HSS-II-1	SE-1	SE-2	HSS-II-2	

B.Tech. (Civil Engineering)

C O U R S E	S E M E S T E R							
	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	CE321	CE312N	CE451	CE492
	MTH101	CHM101	CHM201N	ESO218	CE331	CE322	CE491	
	HSS-I-1/ ENG112N	PHY103	ESO204	TA201N	CE361	CE332		
		MTH102	ESO212	CE222	CE371	CE362		
	TA101	ESC101	CE251	CE242	CE311	CE373		
	ESC102	CE100				CE382		
	PE101	PE102						

In addition to above, the student must complete the following credits:

DE 12 Credits
 OE 12 Credits
 HSS-2 08 Credits
 SE 08 Credits

The above template is valid for Y6 and Y7 batch students or students joining later in CE. The students of other batches must contact the DUGC Convener, CE for their course templates.

BTMT B.Tech. (Civil Engineering) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	CE321	CE312N	CE451	
	MTH101	CHM101	CHM201N	ESO218	CE331	CE322		
	HSS-I-1/ ENGL12N	PHY103	ESO204	TA201N	CE361	CE332		
		MTH102	ESO212	CE222	CE371	CE362	DEL-1	
	TA101	ESC101	CE251	CE242	CE311	CE373	D-PG2	
	ESC102	CE100				CE382	D-PG1	
	PE101	PE102			HSS-II-1	SE-1	HSS-II-2	

BTMT M.Tech. (Civil Engineering) WITH FULL TEMPLETE

C O U R S E	EIGHT	SUMMER	NINTH	TENTH
	D-PG3	4 CR THESIS	D-PG7	16 CR THESIS
	D-PG4		12 CR THESIS	
	D-PG5			
	D-PG6			
	4 CR THESIS			
	16 CR COURSES		4 CR COURSE	
	4 CR THESIS	4 CR THESIS	12 CR THESIS	16 CR THESIS

B.Tech. (Computer Science and Engineering) WITH FULL TEMplete

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	CS330	CS335	CS498	CS499/ DE
	MTH101	CHM101	CHM201N	TA201N	CS340	CS345		
	TA101	PHY103	CS220	CS201	CS302			
	HSS-I-1/ ENGL12N	MTH102	ESO-1	CS355	ONE OUT OF CS350 CS425 CS455	ONE OUT OF CS315 CS365 CS422		
		ESC101	ESO211	OE-1			DEL-1	DEL-3
	ESC102	CS100					DEL-2	OE-5
	PE101	PE102			OE-2	OE-3	OE-4	OE-6
				SE-1	HSS-II-1	HSS-II-2	SE-2	

B.Tech. (Computer Science and Engineering)

SEMESTER								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	CHM101	TA101	MTH203N	HSS-I-2	CS330	CS335	CS498	CS499/ DE
	PHY101	PHY103	CHM201N	TA201N	CS340	CS345		
	PHY102	MTH102	CS220	CS201	CS302	<u>ONE OUT</u> OF CS315, CS350, CS425, CS422		
	MTH101	ESC102	ESO-1	CS355	<u>ONE OUT</u> OF			
	HSS-I-1/ ENGL12N	CS100	ESO211	OE-1	CS350, CS425, CS455			
		PE102						
	ESC101							
PE101								

In addition to above, the student must complete the following credits:

DE 12 Credits
 OE 20 Credits
 HSS-2 08 Credits
 SE 08 Credits

BTMT B.Tech. (Computer Science and Engineering) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	CS330	CS335		
	MTH101	CHM101	CHM201N	TA201N	CS340	CS345		
	TA101	PHY103	CS220	CS201		CS302		
	HSS-I-1/ ENGL12N	MTH102	ESO-1	CS355	ONE OUT OF CS350 CS425 CS455	ONE OUT OF CS315 CS365 CS422	DEL-1	
	ESC102	ESC101	ESO211	OE-1			DEL-2	
	PE101	PE102			OE-2	OE-3	D-PG1	
					SE-1	HSS-II-1	HSS-II-2	

BTMT M.Tech. (Computer Science and Engineering) WITH FULL TEMPLETE

C O U R S E	EIGHT	SUMMER	NINTH	TENTH
	D-PG2	4 CR THESIS	D-PG6	16 CR THESIS
	D-PG3		12 CR THESIS	
	D-PG4			
	D-PG5			
	4 CR THESIS			
	16 CR COURSES		4 CR COURSE	
	4 CR THESIS	4 CR THESIS	12 CR THESIS	16 CR THESIS

B.Tech. (Electrical Engineering) WITH FULL TEMPLATE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	EE320	EE340	EE491	EE492
	MTH101	CHM101	CHM201N	ESO209	EE330	EE381		
	HSS-I-1/ ENG112N	PHY103	TA201N	ESO210	EE370	3 OUT OF		
	TA101	MTH102	EE200	EE210	EE380	EE301	SE-2	HSS-II-2
	ESC102	ESC101	ESO202/ ESO211/ ESO214/ ESO218	EE250		EE311	DEL-1	DEL-3
	PE101	EE100			HSS-II-1	EE321	DEL-2	OE-3
		PE102			OE-1	EE360	SE-1	OE-2

B.Tech. (Electrical Engineering)

C O U R S E	S E M E S T E R							
	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	EE320	EE340	EE491	EE492
	MTH101	CHM101	CHM201N	ESO209	EE330	EE381		
	TA101	MTH102	TA201N	ESO210	EE370	3 OUT OF:		
	ESC102	ESC101	EE200	EE210	EE380	EE301		
	PE101	EE100	ESO202/ ESO211/ ESO214/ ESO218	EE250		EE311		
	HSS-I-1/ ENG112N	PHY103				EE321		
	PE102				EE360			

In addition to above, the student must complete the following credits:

- DE 12 Credits
- OE 16 Credits
- HSS-2 08 Credits
- SE 08 Credits

BTMT B.Tech. (Electrical Engineering) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	EE320	EE340		
	MTH101	CHM101	CHM201N	ESO209	EE330	EE381		
	HSS-I-1/ ENG112N	PHY103	TA201N	ESO210	EE370	3 OUT OF EE301 EE311 EE321 EE360	DEL-1	
		MTH102	EE200	EE210	EE380		O-PG-1	
	TA101	ESC101	ESO202/ ESO211/ ESO214/ ESO218	EE250				
	ESC102	EE100			HSS-II-1		DEL-2	
							DEL-3	
PE101	PE102			OE-1	SE-1	HSS-II-2		

BTMT M.Tech. (Electrical Engineering) WITH FULL TEMPLETE

C O U R S E	EIGHT	SUMMER	NINTH	TENTH
	O-PG2	4 CR THESIS	O-PG5	16 CR THESIS
	O-PG3		12 CR THESIS	
	O-PG4			
	D-PG1			
	4 CR THESIS			
	16 CR COURSES		4 CR COURSE	
	4 CR THESIS	4 CR THESIS	12 CR THESIS	16 CR THESIS

B.Tech. (Materials and Metallurgical Engineering)) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	CHM101	TA101	MTH203N	ESO204	MME310	MME331	MME410	MME480
	PHY101	PHY103	CHM201N	ESO210	MME320	MME340	MME415	MME499/ DE
	PHY102	MTH102	ESO212	MME210	MME330	MME350	MME470	DEL-2
	MTH101	ESC102	TA201N	MME250	OE-1	MME370	MME498	DEL-3
	HSS-I-1/ ENG112N	MME/MSE 100	MME200	HSS-I-2	SE-1	MME390	DEL-1	SE-2
		PE102				HSS-II-1	HSS-II-2	OE-3
	ESC101					OE-2		
	PE101							

B.Tech. (Materials and Metallurgical Engineering)

		S E M E S T E R						
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	CHM101	TA101	MTH203N	HSS-I-2	MME310	MME331	MME410	MME480
	PHY101	PHY103	CHM201N	ESO204	MME320	MME340	MME415	MME499 /DE
	PHY102	MTH102	ESO212	ESO210	MME330	MME350	MME470	
	MTH101	ESC102	TA201N	MME210		MME370	MME498	
	ESC101	MME100	MME200	MME250		MME390		
	PE101	PE102						
	HSS-I-1/ ENG112N							

In addition to above, the student must complete the following credits:

DE 12 Credits 3 courses
 OE 12 Credits 3 courses
 HSS-2 08 Credits 2 courses
 SE 08 Credits 2 courses

B.Tech. (Mechanical Engineering) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	ME321	ME301	ME300	ME452
	MTH101	CHM101	CHM201N	ESO204	ME341	ME351	ME401	ME461
	HSS-I-1/ ENG112N	PHY103 MTH102	TA201N ESO202	ESO214 ME231	ME352 ME361	ME353 ME371	ME451 ME453	HSS-II-2
	TA101	ESC101	ESO210	ME251			ME471N	DEL-2
	ESC102	ME100			OE-1	SE-1	SE-2	DEL-3
	PE101	PE102			HSS-II-1	DEL-1	OE-2	OE-3

B.Tech. (Mechanical Engineering)

	S E M E S T E R							
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH
	PHY102	PHY101	MTH203N	HSS-I-2	ME321	ME301	ME300	ME452
	MTH101	CHM101	CHM201N	ESO204	ME341	ME351	ME401	ME461
	TA101	MTH102	TA201N	ESO214	ME352	ME353	ME451	
	ESC102	ESC101	ESO202	ME231	ME361	ME371	ME453	ME471
	PE101	PHY103	ESO210	ME251			ME453	
	HSS-I-1/ ENG112N	ME100 PE102						

In addition to above, the student must complete the following credits:

DE 12 Credits
 OE 12 Credits
 HSS-2 08 Credits
 SE 08 Credits

BTMT B.Tech. (Mechanical Engineering) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	
	PHY102	PHY101	MTH203N	HSS-I-2	ME321	ME301	ME300	
	MTH101	CHM101	CHM201N	ESO204	ME341	ME351	ME401	
	HSS-I-1/ ENG112N	PHY103	TA201N	ESO214	ME352	ME353	ME453	
		MTH102	ESO202	ME231	ME361	ME371	ME471N	
	TA101	ESC101	ESO210	ME251				
	ESC102	ME100			OE-1	SE-1	D-PG1	
	PE101	PE102			HSS-II-1	DEL-1	D-PG2	

BTMT M.Tech. (Mechanical Engineering) WITH FULL TEMPLETE

C O U R S E	EIGHT	SUMMER	NINTH	TENTH
	ME461	4 CR THESIS	D-PG5	16 CR THESIS
	HSS-II-2		12 CR THESIS	
	D-PG3			
	D-PG4			
	O-PG1			
	20 CR COURSES		4 CR COURSE	
		4 CR THESIS	12 CR THESIS	16 CR THESIS

COURSE STRUCTURE FOR M.Sc. [5-YEAR] STUDENTS WITH FULL TEMPLETE

CHEMISTRY

		S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
	CHM101	TA101	MTH203N	HSS-I-2	HSS-II-1	CHM343	CHM423	CHM443	HSS-II-2	CHM700
	PHY101	PHY103	CHM201N	TA201N	CHM401	CHM402	CHM611	CHM481	CHM700	NDE-2
	PHY102	MTH102	ESO-1	CHM222	CHM421	CHM422	CHM621	DEL-1	OE-5	CHM800
	MTH101	ESC102	ESO-2	CHM302	CHM441	CHM442	CHM664	DEL-2	OE-6	CHM801A
	ESC101	CHM100	CHM301	CHM341	CHM503	OE-2	OE-3	OE-4	DEL-3	
	PE101	PE102		CHM404	OE-1			NDE-1		
	HSS-I-1/ ENG112									

M.Sc. Integrated (Chemistry)

		S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
	CHM101	TA101	MTH203N	HSS-I-2	CHM401	CHM343	CHM423	CHM443	CHM700	CHM700
	PHY101	PHY103	CHM201N	TA201N	CHM421	CHM402	CHM611	CHM481		CHM800B
	PHY102	MTH102	ESO-1	CHM222	CHM441	CHM422	CHM621		CHM801A	
	MTH101	ESC102	ESO-2	CHM302	CHM503	CHM442	CHM664			
	ESC101	CHM100	CHM301	CHM341						
	PE101	PE102		CHM404						
	HSS-I-1/ ENG112									

In addition to above, the student must complete the following credits:

DE 12 Credits
 OE 24 Credits
 HSS-2 08 Credits
 NDE 08 Credits

CURRENT COURSE STRUCTURE FOR M.Sc. [5-YEAR] STUDENTS WITH FULL TEMPLETE

ECONOMICS

		S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
	CHM101	TA101	MTH203	HSS-I-2	HSS-II-1	ECO303	ECO413	ECO423	ECO535	HSS-II-2
	PHY101	PHY103	CHM201	ESO209	ECO311	ECO312	ECO422	ECO424	DEL-3	ECO599
	PHY102	MTH102	TA201	ECO202	ECO321	ECO332	ECO434	DEL-2	ECO598	DEL-5
	MTH101	ESC102	ESO-1	ECO231	ECO333	DEL-1	ECO402	OE-3	DEL-4	DEL-6
	ESC101	ECO100	ECO201	OE-1	ECO341	OE-2	NDE-1	NDE-2	OE-4	OE-5
	PE101	PE102								
HSS-I-1/ ENGL112										

M.Sc. Integrated (Economics)

		S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
	CHM101	TA101	MTH203N	HSS-I-2	ECO311	ECO303	ECO413	ECO423	ECO535	ECO599
	PHY101	PHY103	CHM201N	ESO209	ECO321	ECO312	ECO422	ECO424		
	PHY102	MTH102	TA201N	ECO202	ECO333	ECO332	ECO434	ECO598		
	MTH101	ESC102	ESO-1	ECO231	ECO341		ECO402			
	ESC101	ECO100	ECO201	OE-1						
	PE101	PE102								
HSS-I-1/ ENGL112										

In addition to above, the student must complete the following credits:

- DE 24 Credits
- OE 16 Credits
- HSS-2 08 Credits
- NDE 08 Credits

CURRENT COURSE STRUCTURE FOR M.Sc. [5-YEAR] STUDENTS WITH FULL TEMPLATE

MATHEMATICS & SCIENTIFIC COMPUTING

		S E M E S T E R									
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH	
	CHM101	TA101	MTH203	HSS-I-2	HSS-II-1	OE-1	OE-2	GE-3	HSS-II-2	MTH599	
	PHY101	PHY103	CHM201	ESO209	MTH301	MTH304	MTH403	GE-4	MTH598	GE-7	
	PHY102	MTH102	TA201	MTH202		MTH306	MTH421	GE-5	GE-6	DEL-2	
	MTH101	ESC102	ESO-1	MTH204	MTH311	MTH308	MTH423	DEL-1	OE-3	NDE-2	
	ESC101	MTH100	MTH201	MTH302	MTH401	GE-1*	GE-2	NDE-1	OE-4	OE-5	
	PE101	PE102									
	HSS-I-1/ ENGL12										

M.Sc. Integrated (Mathematics and Scientific Computing)

		S E M E S T E R									
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH	
	CHM101	TA101	MTH203N	HSS-I-2	MTH301				MTH598	MTH599	
	PHY101	PHY103	CHM201N	ESO209	MTH311	MTH304	MTH403				
	PHY102	MTH102	TA201N	MTH202	MTH401	MTH306	MTH421				
	MTH101	ESC102	ESO211	MTH204		MTH308	MTH423				
	ESC101	MTH100	MTH201	MTH302							
	PE101	PE102									
	HSS-I-1/ ENGL12										

In addition to above, the student must complete the following credits:

Option 1 : OE-16 , DE-12

Option 2 : OE-20 , DE-8

HSS-2 08 Credits

GE * 28 Credits

NDE 08 Credits

* **Group Electives** - Department prescribes two lists of courses from which 28 credits have to be passed, with a minimum of 8 credits from either list.

The above template is valid for Y7 batch students or students joining later in Maths & Scientific Computing. The students of other batches must contact the DUGC Convener, Maths & Scientific Computing for their course templates.

CURRENT COURSE STRUCTURE FOR M.Sc. [5-YEAR] STUDENTS WITH FULL TEMPLETE

PHYSICS

		S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
	CHM101	PHY103	MTH203	HSS-I-2	HSS-II-1	PHY412	PHY461	PHY462	HSS-II-2	PHY566
	PHY101	MTH102	CHM201	TA201	PHY315	PHY422	PHY543	PHY524	PHY563	PHY568
	PHY102	TA101	ESO212/	PHY204	PHY401	PHY432	PHY552	PHY553	PHY565	NDE-2
	MTH101	ESC102	ESO214	PHY210	PHY421	DEL-1	DEL-2	NDE-1	OE-4	OE-6
	ESC101	PHY100	ESO-2	PHY218	PHY431	OE-1	OE-2	OE-3	OE-5	OE-7
	PE101	PE102	PHY224							
HSS-I-1/ ENGL12										

M.Sc. Integrated (Physics)

		S E M E S T E R								
C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH	SEVENTH	EIGHTH	NINTH	TENTH
	CHM101	PHY103	MTH203N	HSS-I-2	PHY315	PHY412	PHY461	PHY462	PHY563	PHY566
	PHY101	MTH102	CHM201N	TA201N	PHY401	PHY422	PHY543	PHY524	PHY565	PHY568
	PHY102	TA101	ESO212/	PHY204	PHY421	PHY432	PHY552	PHY553		
	MTH101	ESC102	ESO214	PHY210	PHY431					
	ESC101	PHY100	ESO-2	PHY218						
	PE101	PE102	PHY224							
HSS-I-1/ ENGL12										

In addition to above, the student must complete the following credits:

DE 08 Credits
 OE 28 Credits
 HSS-2 08 Credits
 NDE 08 Credits

M.Sc. 2-Year (Chemistry)) WITH FULL TEMPLETE

C O U R S E	SEMESTER			
	FIRST	SECOND	THIRD	FOURTH
	CHM 401	CHM 402	CHM 503 (2)	CHM 700
	CHM 421	CHM 422	CHM 611	CHM 800
	CHM 423 (2)	CHM 442	CHM 621	CHM 801
	CHM 441	CHM 443	CHM 664	DE-4
CHM 521	CHM 481	DE-2	DE-5	
	DE-1	DE-3		
	18	24	22	20

M.Sc. 2-Year (Mathematics) WITH FULL TEMPLETE

C O U R S E	SEMESTER			
	FIRST	SECOND	THIRD	FOURTH
	MTH 201N	MTH204	MTH403	MTH306
	MTH 301	MTH304	MTH405	MTH424
	MTH 409	MTH308	MTH421	DE-2/MTH498
	MTH 423	MTH404	DE-1	DE-3
MTH 428	ESO209	OE-1	OE-2	
	20	20	20	20

M.Sc. 2-Year (Statistics) WITH FULL TEMPLETE

C O U R S E	SEMESTER			
	FIRST	SECOND	THIRD	FOURTH
	MTH311	MTH306	MTH513	MTH511
	MTH409	MTH411	MTH515	MTH514
	MTH413	MTH412	MTH517	MTH516
	MTH415	MTH416	DE-1	DE-2/MTH498
MTH417	MTH418	OE-1	OE-2	
	20	20	20	20

M.Sc. 2-Year (Physics) WITH FULL TEMPLETE

C O U R S E	SEMESTER			
	FIRST	SECOND	THIRD	FOURTH
	PHY401	PHY412	PHY543	PHY524
	PHY421	PHY422	PHY552	PHY553
	PHY431	PHY432	PHY563	PHY566
	PHY441 (5)	PHY462	PHY565	PHY568
PHY461	PHY473 (5)	DE-1	DE-2	
			DE-3	
	21	21	20	24

M.Sc. – Ph.D. Dual-Degree (Physics)) WITH FULL TEMPLETE

C O U R S E	FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
	PHY400 (0)	PHY412	PHY462	PHY502N	PHY599A (12)	PHY692/PHY422
	PHY401	PHY432	PHY501	PHY524	DE-2	PHY599B (12)
	PHY421	PHY461	PHY543	PHY553	DE-3	DE-4
	PHY431	PHY473 (5)	PHY552	DE-1		
	PHY441 (5)	PHY500				
	17	21	16	16	20	20/21

Course Types:

DE Department Elective (can be UG or PG)