

EARTH SCIENCES

BS					TEMPLATE No.BS			
SEMESTER								
	1st	2 nd	3 rd	4 th	5 th	6 th	7 th	8 th
C O U R S E S	MTH101A[11]	MTH102A[11]	ESC201A[14]	HSS-2(Level 1)[11]	ESO204A[11]	HSS-3(Level 2)[09]	HSS-4(Level 2)[09]	HSS-5(Level 2)[09]
	PHY102A[11]/PHY103A[11]	PHY103A[11] /PHY102A[11]	ESO213A[09]	MSO-201A[11]	ES411A[09]	ES413A[06]	ES417A[06]	ES418A[04]
	PHY101A[03] /CHM101(Lab)[03]	CHEM101A[03]/PHY101A(La b)[03]	ESO-201A[11]	TA202A[06]	ES412A[08]	ES414A[06]	DE-2[08-11]	DE-4[08-11]*
	TA101A[09]	ESC101A[14]	TA201A[06]	ES312A[03]	ES400 [02]	ES415A[8]	DE-3[08-11]*	DE-5[08-11]*
	LIF101A[06]	CHM102A[08]	COM200[05]	ES313A[09]	DE-1 [09]	ES416A[08]	OE-3[09]	OE-5[09]
	ENG112A/HSS-1(Level-1)[11]	PE102A[03]	ES311A[11]	ES314A[09]	OE-1[09]	ES419A[06]	OE-4[09]/ UGP-3 [09] (ES393A)	OE-6[09]
	PE101A[03]			ES315A[11]	UGP-1 [04] [ES391A] (Extra Credits)	OE-2[09]/ UGP-2(ES392A) [09]		UGP-4 [09] [ES394A] (Extra Credits)
	54	50	56	60	48	52	49-55	47-53

MINIMUM CREDIT REQUIREMENT FOR GRADUATION:

Institute Core (IC)	: 124	Credits
Department Compulsory (DC)	: 106	Credits
Department Elective (DE)	: 40	Credits
Open Elective (OE)	: 54	Credits
ESO/ SO	: 42	Credits
HSS (Level-I)	: 22	Credits
HSS (Level-II)	: 27	Credits
Total	: 415	Credits

Basket A**

ES450 [09]
ES455[09]

REMARKS:

- 1) *The 8 credits shown against each DE in the template are only indicative. DE courses are available in 8-11 credits each. Students need to ensure that their total DE credits total up to AT LEAST 40.
- 2) **DE-1 should be selected from Basket A.
- 3) UGP-1 and UGP-4 are optional courses and do not count towards graduation requirements, also do not count towards DE/OE credits.
- 4) UGP-2 & 3 are optional but if taken, OE credits may include 18 (9+9) credits of UGP-2 and UGP-3.
- 5) A student will be allowed to do UGP-3 only if s/he has done UGP-2.
- 6) Up to 36 OE credits may be waived for students opting either for Dual Degree or Double Major program.
- 7) Those students who decide to go for MS later after V Semester, and if they have taken UGPs 1 & 2, these UGPs will be adjusted as OE at the Department level.
- 8) Those who decide to go for MS should not do UGPs.
- 9) The field work for ES312A, ES414A, and ES418A will be conducted during the winter vacation period after the END Semester exam of respective ODD semester (e.g., III, V, and VII) but credits will be counted in the successive EVEN semester (i.e., IV, VI, and VIII). Therefore, students have to register for these courses for the respective EVEN semester.

BS-MS (PG Part – Category – A)(from the same department)					Template No. MS
C O U R S E S	1 st to 6 th	7th	8th	9 th	10 th
	COURSES AS DETAILED IN THE BS TEMPLATE	HSS-4(Level 2)[09]	HSS-5(Level 2)[09]	DEPG-1[08-11]*	MS PROJECT ES599
		ES417A[06]	ES418A[04]	DEPG -2[08-11]*	
		DE-2[08-11]	DE -4[08-11]	DEPG-3[08-11]*	
		DE-3[08-11]	DE -5[08-11]	DEPG-4[08-11]*	
		OE-3[09]	OE-5[09]	DEPG-5[08-11]*	
		OE-4[09]	OE-6[09]	MS Project [09] ES599	
	49-55	47-53	49-64	36	

MINIMUM CREDIT REQUIREMENT IN MS PART FOR GRADUATION:

PG Component : 40 Credits
MS Project : 45 Credits

REMARKS:

- 1) *The 8 credits shown against each PGDE in the template are only indicative. PGDE courses are available in 8 – 11 credits each. Students need to ensure that their total PGDE credits total up to AT LEAST 40.
- 2) Course credits and Thesis credits mentioned under the dual degree template are only for the MS part of the program. In addition to these credits, students are required to follow and complete all their graduation requirements for their UG program EXCEPT for credit waivers detailed above.
- 3) All courses to be taken with the permission of Supervisor/ DUGC Convener.
- 4) Those students who decide to go for MS later after V Semester, and if they have taken UGPs 2& 3, these UGPs will be adjusted as OE.
- 5) Those who decide to go for MS should not do UGPs.