

University of Hyderabad
College for Integrated Studies

No. UH/CIS/2019/

3 June 2019

N O T E

Sub: Modification/Changes in no. of credits in each semester of M.Sc. (5-Year Integrated) programme – Reg.

Ref: 1) Minutes of the Deans and Heads of Science Schools dt. 15th April 2019.

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In continuation to the discussion had with you on 31st May, 2019, herewith attached the copy of minutes of the Deans and Heads of Science Schools held on 15th April 2019, wherein changes/modification in no. of credits to be done by students of M.Sc. (5-Year) Integrated programme from 2019 batch onwards, same will be placed in the next CIS Board meeting for ratification; In this regard, following is submitted for your information and necessary action please.

1. The course structure / requirement of credits will be applicable from 2019 batch onwards;
2. Earlier batch students, who will be doing recourse/s are to be considered as per old structure of credit requirements;
3. Two courses of the present structure pertaining to first semester i.e., Bridge Biology and Bridge Mathematics are removed from regular courses and decided to offer under the pool of University level Foundation Courses (letters of concerned Schools/Departments are attached for ready reference), in this regard, you are requested to kindly ensure that these two courses are listed in the Foundation courses for 1st semester 2019 batch admitted students;
4. Students admitted during 2019 into M.Sc. (5-year) Integrated Sciences programme have to opt for one of the above mentioned Foundation Course (Students with Maths in +2 have to opt for Bridge Biology; Students with Biology in +2 have to opt for Bridge Maths and students MBiPC can opt for any course of their choice from the pool of foundation courses.
5. Course curriculum of M.Sc. (5-Year) Integrated Applied Geology sent by Head, CEAOS is attached for information please, the same will be ratified in the next CIS board meeting to be held soon.

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6. Details of semester-wise credit requirement is given below:

I Semester (Sciences) 2019 batch onwards			
S.No.	Code	Course Title	Credits
1	EN101	English – I	4
2	MM103	Math – I	3
3	PY101	Mechanics	3
4	PY102	Mechanics (Lab)	1.5
5	CY101	Stoichiometry, Solutions & Gases	3
6	CY102	Qualitative Analysis Lab	1.5
7	ES101	Environmental Studies	4
			20
		Foundation Course	3
		Total Credits	23

II Semester (Sciences)			
S.No.	Code	Course Title	Credits
1	EN151	English - II	4
2	IT151	Information Technology - I	2
3	SB151	Introductory Biology	3
4	MM152	Maths (Multivariable Calculus, Mathematical Analysis)	3
5	CY151	Energetics & Kinetics	3
6	PY151	Oscillations and Waves	3
7	SB152	Introductory Biology Lab	1.5
8	PY152	Oscillations and Waves (Lab)	1.5
9	CY152	Quantitative Analysis (Chemistry lab)	1.5
			22.5
		Foundation Course	3
		Total Credits	25.5

III Semester (Sciences)			
S.	Code	Course Title	Cr.
1	MM202	Math - IIIA (ODE)	3
2	MM203	Math - IIIB (Prob & Stats)	3
3	PY201	Electricity and Magnetism	3
4	CY201	Structural Chemistry	3
5	SB201	Structure and Function of Macro Molecules	3
6	IT201	Information Technology – II	2
7	PY202	Electricity and Magnetism Lab	1.5
8	CY202	Physical Chemistry Lab	1.5
9	SB202	Macromolecules Lab	1.5
		Total credits for MM / PY / CY / SB	22.5
10	ES/AG201	Introduction to Planetary & Earth System Sciences	3
		Total credit for Applied Geology students	25.5

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S.	Code	IV Semester (Sciences) Course Title	Cr	For Exit students				
				MM	PY	CY	SB	AG
1	MM252	Maths 4B (Algebra: Group theory and vector spaces)	4	X	X	X	X	X
2	MM253	Math 4A (Analysis) (Elective)	4	X				
3	PY251	Modern Physics and Relativity	4	X	X	X	X	X
4	PY253/4	Mathematical Methods for Physics/Intro. Astro Physics	4		X			
5	CY 251	Basic Organic Chemistry	3	X	X	X	X	X
6	CY253/4	Basic Supramolecular Chemistry* / Basic Polymer Chem.*	2			X		
7	SB251	Molecules & Information Processing (Molecular Biology)	3	X	X	X	X	
8	SB253/4	Evolution and Diversity* / Neuroscience of Behavior*	2				X	
9	ES/AG 252	Dynamic Earth	3					X
10	ES/AG 253	Fundamentals of Structural Geology and Geomorphology	3					X
11	PY252	Phys Lab (Heat & Thermodynamics Lab)	1.5	X	X	X	X	X
12	CY252	Chemistry Lab (Identification of Organic compounds Lab)	1.5	X	X	X	X	X
13	SB252	Biology Lab (Information Processing)	1.5	X	X	X	X	
14	ES251	Field Geology	4					X
Total Credits				22.5	22.5	22.5	22.5	24

* Students will be pursuing 2 courses; hence credits will be 4;

7. It may also be noted that in case of recourse students of Earth Sciences - course code/s will be ES____ for all those students who joined prior to 2019 batch; for the students from 2019 batch onwards course code start with AG____ (as mentioned at previous page).

Hence, you are requested to kindly take necessary action at your end please. Copy of the same is being sent Professor Incharge, E-Gov. for making necessary modifications in the database etc.

Director, CIS

Controller of Examinations

Copy to: Professor Incharge, Egov.

Encl: As stated