1. Choice of Courses

(A) 4-year UG (Honours/Honours with Research) Course of Studies: Candidates will have to choose a **single major discipline** and **any two minor disciplines** along with the requisite numbers of **AEC, SEC, MDC & VAC** along with **internship** as shown in Table 1 & 2. The combination of major and two minor disciplines for the students admitted in 4 year UG (Honours/Honours with research) will be decided by the concerned college.

(B) 3-Year Multidisciplinary Undergraduate (UG) programme of study: A candidate is required to choose **any three subjects** from **one** or **two broad** category of disciplines as offered by the concerned college. He/she will be awarded a 3-year B.A./B.Sc./B. Com. in a particular discipline provided that **at least two** out of the three subjects chosen by him/her falls in that particular category.

Category of Disciplines

(i) Physical Sciences:

Chemistry, Physics, Electronics, Geography

(ii) Life Sciences:

Bio-chemistry, Botany, Zoology, Physiology, Molecular biology, Microbiology, Food & nutrition, Industrial fish & fisheries, Bio-technology

(iii) Mathematical and Computer Sciences:

Mathematics, Statistics, Computer science, Computer application

(iv) Humanities:

Bengali, English, Hindi, Urdu, Arabic, Sanskrit

(v) Social Sciences:

Anthropology, Economics, Education, Film Studies**,** Physical education, Human rights, Women studies, Human development, History, Sociology, Philosophy, Political science, Journalism & Mass communication, Psychology, Environmental science

(vi) Commerce & Management:

Accountancy, Finance, Business management

2. Mandatory Subject Requirement (at H. S. level)

A candidate shall be allowed to take up the major discipline(s) under heading "A" if he/she had passed the subject(s) under heading "B" in the previous qualifying examination.

Sl. No.	A	Sl. No.	B
1	Mathematics	**1**	Mathematics
2	Statistics	**2**	Statistics/ Mathematics
3	Physics	**3**	Physics and Mathematics
4	Chemistry	**4**	Chemistry and Mathematics
5	Zoology	**5**	Zoology/ Biology/Biotechnology/Life Science
6	Botany	**6**	Botany/Biology/Biotechnology/Life Science
7	Physiology	**7**	Physiology/Biology/Biotechnology/Life Science
8	Anthropology	**8**	Anthropology/Biology/Biotechnology/Life Science
9	Molecular Biology	**9**	Chemistry/Physics and Biology/Biotechnology/Life Science
10	Microbiology	**10**	Chemistry/Physics and Biology/Biotechnology/Life Science
11	Computer Science	**11**	Computer Applications/Computer Science/ Mathematics
12	Electronics	**12**	Electronics/Physics and Mathematics
13	Commerce	**13**	Accountancy/ Business Economics including Business Mathematics/BusinessOrganisation/Mathematics/Economics/Statistics/ Commerce/ Accounts/ Business Studies/ Financial Accounting/ Office Management and Secretarial Practices/ Elements of Cost Accountancy and Auditing/ Book Keeping/ Business Mathematics/ Cost Accountancy and Principle of Management

14	Environmental Science	**14**	Chemistry/Physics/Mathematics/Geography
15	Food & Nutrition	**15**	Chemistry and Biology/Life Science
16	Agriculture & Rural development	**16**	Physics/ Chemistry/Biology/Economics/Anthropology/ Mathematics/Geography/Sociology
17	Geography	**17**	Geography/Economics/Statistics/Mathematics/Biology
18	Economics	**18**	Mathematics
19.	Management	**19**	Finance/Marketing/Human Resource/Systems & Operations
20	Fishery Science	**20**	Biology/ Biotechnology/Chemistry/Food & Nutrition/Physics/Life Sciences
21	Computer Applications	**21**	Computer Applications/Computer Science
22	Human Development	**22**	Any subject
23	Music	**23**	Music or any other subject

3. Structure of the 4-year Undergraduate Programme (Honours)

Table 1: Semester-wise and Course category-wise distribution of credits

SEM	Major (DSC)	Minor	MDC	AEC	SEC	VAC	Internship	Total Credits
I	**DS-1 (5), DS-2 (5)**	**MA-1 (5)**		**AE-1 (3)**		**VA-1 (3)**		**21**
II	**DS-3 (5), DS-4 (5)**	**MB-1 (5)**		**AE-2 (3)**		**VA-2 (3)**		**21**
III	**DS-5 (5), DS-6 (5) DS-7 (5)**	**MA-2 (5)**		**AE-3 (3)**				**23**
IV	**DS-8 (5), DS-9 (5) DS-10 (5)**	**MB-2 (5)**	**MD-1 (3)**		**SE-1 (3)**			**26**
V	**DS-11 (5), DS-12 (5)**	**MA-3 (5)**	**MD-2 (3)**		**SE-2 (3)**		**2**	**23**
VI	**DS-13 (5), DS-14 (5)**	**MB-3 (5)**	**MD-3 (3)**		**SE-3 (3)**			**21**
Exit with Major after 3 years	**70**	**30**	**9**	**9**	**9**	**6**	**2**	**135**
VII	**DS-15 (5), DS-16 (5) DS-17 (5)**	**MA-4 (5) MB-4 (5)**						**25**
VIII	**DS-18 (5), DS-19 (5) DS-20 (5),**							**20**

	DS-21 (5)							
Credit	105	40	9	9	9	6	2	180

DS: Discipline specific core course, MA: Minor discipline 1, MB: Minor discipline 2

Credit (5) distribution: (a) Lab-based Courses: L = 3, T/P = 2, (b) Non-Lab based Courses:
L = 4, T/P = 1
(c) Field-based courses: P = 5, (d) Music as a Major/Minor discipline, credit distribution: L = 1/2, P = 4/3

Structure of the 4-year Undergraduate Programme (Honours with Research) Table 2: Semester-wise and course category-wise distribution of credits

SEM	Major (DSC)	Minor	MDC	AEC	SEC	VAC	Intern-ship	Research project/ dissertation	Total Credits
I	DS-1 (5), DS-2 (5)	MA-1 (5)		AE-1 (3)		VA-1 (3)			21
II	DS-3 (5), DS-4 (5)	MB-1 (5)		AE-2 (3)		VA-2 (3)			21
III	DS-5 (5). DS-6 (5) DS-7 (5)	MA-2 (5)		AE-3 (3)					23
IV	DS-8 (5), DS-9 (5) DS-10 (5)	MB-2 (5)	MD-1 (3)		SE-1 (3)				26
V	DS-11 (5), DS-12 (5)	MA-3 (5)	MD-2 (3)		SE-2 (3)		2		23
VI	DS-13 (5), DS-14 (5)	MB-3 (5)	MD-3 (3)		SE-3 (3)				21
Exit with Major after 3 years	70	30	9	9	9	6	2		135
VII	DS-15 (5), DS-16 (5) DS-17 (5)	MA-4 (5) MB-4 (5)							25

VIII	****DS-18/19/20/21 (5) Any one from the above pool of courses is to be chosen by the student**							**15**	**20**
Credit	**90**	**40**	**9**	**9**	**9**	**6**	**2**	**15**	**180**

DS: Discipline specific core course, MA: Minor discipline 1, MB: Minor discipline 2
Credit (5) distribution: (a) Lab-based Courses: L = 3, T/P = 2, (b) Non-Lab based Courses:
L = 4, T/P = 1
(c) Field-based courses: P = 5, (d) Music as a Major/Minor discipline, credit distribution: L = 1/2, P = 3/4

Structure of the 3-Year Multidisciplinary UG Programme
Table 3: Semester-wise and course category-wise distribution of credits

SEM	Core course (A)	Core course (B)	Core course (C)	MDC	AEC	SEC	VAC	Internship	Total credits
I	MA-1 (5)	MB-1 (5)	MC-1 (5)		AE-1 (3)		VA-1 (3)		21
II	MA-2 (5)	MB-2 (5)	MC-2 (5)		AE-2 (3)		VA-2 (3)		21
III	MA-3 (5)	MB-3 (5)	MC-3 (5)		AE-3 (3)			2	20
IV	MA-4 (5)	MB-4 (5)	MC-4 (5)	MD-1 (3)		SE-1 (3)			21
V	MA-5 (5)	MB-5 (5)	MC-5 (5)	MD-2 (3)		SE-2 (3)			21
VI	MA-6 (5)	MB-6 (5)	MC-6 (5)	MD-3 (3)		SE-3 (3)			21
Credits	30	30	30	9	9	9	6	2	125

MA: Core course from discipline 1, MB: Core course from discipline 2, MC: Core course from discipline 3
Credit (5) distribution: (a) Lab-based Courses: L = 3, T/P = 2, (b) Non-Lab based Courses:
L = 4, T/P = 1
(c) Field-based courses: P = 5, (d) Music as a Major/Minor discipline, credit distribution: L = 1/2, P = 4/3

4. Curricular components of the undergraduate programme

In accordance with NEP Curriculum Framework & Credit Framework 2020 the undergraduate programmes governed by this Advisory contain the following course components:

- **Major and Minor disciplines**

Major discipline is the discipline or subject of main focus and the degree will be awarded in that discipline. Students should secure the prescribed number of credits (about 50% of total credits) through core courses in the major discipline.

Minor discipline helps a student to gain a broader understanding beyond the major discipline. For example, if a student pursuing an Economics major obtains a minimum of [18] credits from a bunch of courses in Statistics, then the student will be awarded B.A. degree in Economics with a Minor in Statistics.

In addition to major and minor disciplines, a student admitted in the 4-year Undergraduate programme (Hons./Hons. with research) has to take the following courses as shown in Table 1 & Table 2.

- **Multidisciplinary Course (MDC) :**

All UG students are required to undergo 3 introductory-level courses relating to any of the broad disciplines given below. These courses are intended to broaden the intellectual experience and form part of liberal arts and science education. Students are not allowed to choose or repeat courses already undergone at the higher secondary level (12th class) in the proposed major and minor stream under this category.

The university will provide a list of courses under the 5 categories mentioned in the NEP document. Students will be asked to choose 3 different MDCs for 3 semesters.

Categories	Multidisciplinary Courses from the following disciplines
1.	Life Sciences/ Chemistry/ Physics
2.	Mathematics/ Statistics/Computer Application/Economics
3	Library & Information/Journalism/Mass Media & Communication.
4	Travel & Tourism/Commerce/ Management/ Advertisement & Sales Promotion
5	Defence Studies/Anthropology/Psychology/Human Rights/ Sociology/Political Science/Philosophy/History

- **Ability Enhancement Course (AEC)**:

Students are required to achieve competency in a modern Indian language and in the English language with special emphasis on language and communication skills. These courses aim at enabling the students to acquire and demonstrate the core linguistics skills, including critical reading and expository and academic writing skills, that help students articulate their arguments and present their thinking clearly and coherently.

- **Skill Enhancement Course:**

These courses are aimed at imparting practical skills, hands-on-training, soft skills to enhance the employability of the students.

Each of the AEC and SEC courses shall carry 3 credits. Students are required to choose three SEC courses from a pool of courses in their 4th, 5th and 6th semester of study. In AEC, they have to study three courses (each of 3 credits) of either English or modern Indian language (MIL) in their 1st, 2nd and 3rd semesters of study.

- **Value Addition Courses (VAC):**

These are courses that will help develop all capacities of human beings – intellectual, aesthetic, social, physical, emotional, and moral in an integrated

manner. Each of these courses carries 3 credits. The colleges will choose one out of the three VACs offered by the university as mentioned hereunder.

(a) Environmental Studies
(b) Introduction to Cyber Security
(c) Value of Yoga and Meditation in Life

Students will be required to pursue or study two value-added courses (VAC) each of 3 credits in their 1st and 2nd semester.

• **Internship:**

A course requiring students to participate in a professional activity or work experience, or cooperative educational activity with an entity external to the educational institution, normally under the supervision of an expert of the given external entity. A key aspect of the internship is induction into actual work situations. Internships involve working with local industry, government or private organizations, business organizations, artists, crafts persons, and similar entities to provide opportunities for students to actively engage in on- site experiential learning.

The student has the option to complete a 2-credit summer internship in a lab, industrial organization, R & D lab, or through community engagement, NSS, NCC as organized by the college. The student must complete a 2-credit summer internship by his/her 5th semester of study.

- **Final year Research Project / Dissertation:**

  A student selected for pursuing 4-year Honours with Research programme is required to complete a research project and submit a dissertation to the University for examination and evaluation in the 8th semester. This research project/dissertation work carries 15 credits.

5. Awarding UG Degrees :

❖ **4-year UG Degree (Honours**): A four-year UG Honours degree in the major discipline will be awarded to those who complete a four-year degree programme with 180 credits and have satisfied the credit requirements as given in Table 1. Candidates who intend to continue in the 4-year UG programme have two options.

- The candidates who have not secured 75% marks in each of the Semester (out of the first six semesters) over the period of first three years of his/her study are eligible for obtaining a Bachelor degree (Honours) in his/her major discipline. Such candidates must secure 15 additional credits in his/her major (Core) paper to be awarded a Bachelor degree (Honours) in his/her major discipline. i.e., Candidates must secure **105 credits** in his/her

major (Core) discipline out of the total 180 credits to obtain a Bachelor degree (Honours) in his/her major discipline. (**See Table 1**)

- The candidates who have secured 75% marks in each of the Semester (out of the first six semesters) over the period of first three years of his/her study are eligible for obtaining a Bachelor degree (Honours with Research) in his/her major discipline. Such candidates must secure **90 credits** out of the total credits of 180 from discipline-specific major courses (**Table 1**) and also needs to secure 15 credits through a Research project to be awarded a Bachelor degree (Honours with Research) in his/her major discipline. They should do a research project or dissertation under the guidance of a faculty member of that college. The research project/dissertation shall be in the Major discipline. Such candidates must submit a Thesis/Dissertation to the University for evaluation followed by a Viva-Voce examination. The concerned candidate **must score 150** or above out of the 300 marks allotted for Research/Dissertation work to pass or qualify for being awarded the degree of UG Honours with research in his/her major discipline.

❖ **3-year UG Degree with Major:** A student **admitted in a 4 years Honours programme** may exit after the 3rd year after completing 6 semesters (135 credits, **70 credits from Major** and **30 credits from Minors**) with 3-year UG degree with a Major. Such a student will also have the option to rejoin within seven years and complete the course.

❖ **3-year Multidisciplinary UG Degree**: A student may also opt for a 3-year multidisciplinary UG degree by securing a total credit of 125 (See Table 3) with 30 credits from each of the three disciplines.

The level of the three core courses for all three disciplines will be the same.

**** Conditions to be met by colleges offering a 4 year UG degree (Honours with Research) in a Major discipline:**

A. The departments of the college offering a 4-year UG degree (Honours with research) must have the required infrastructure such as adequate library facility, access to internet, access to journals, computer lab and software, laboratory facilities to carry out experimental research work.
B. The concerned department of the college must have at least two permanent faculty members who are recognized as PhD supervisors as per NEP 2020 guideline.
C. If a student becomes eligible for pursuing Honours with research in a college that lacks required infrastructure and eligible PhD supervisors, he/she may take transfer to another college, which satisfies the above conditions for offering Honours with research in the 7th semester depending on availability of seats.

6. Credit hours for different types of courses:

- The workload relating to a course is measured in terms of credit hours. A credit is a unit by which the coursework is measured. It determines the number of hours of instruction required per week over the duration of a semester (minimum 15 weeks).
- Each course may have only a lecture component or a lecture and tutorial component or a lecture and practicum component or a lecture, tutorial, and practicum component, or only practicum component. For example, a three-credit lecture course in a semester means three one-hour lectures per week with each one-hour lecture counted as one credit. In a semester of 15 weeks duration, a three-credit lecture course is equivalent to 45 hours of teaching.
- One credit for tutorial work means one hour of engagement per week. In a semester of 15 weeks duration, a one-credit tutorial in a course is equivalent to 15 hours of engagement.
- A one-credit course in practicum or lab work, community engagement and services, and fieldwork in a semester mean two-hour engagement per week. In a semester of 15 weeks duration, a one-credit practicum in a course is equivalent to 30 hours of engagement.
- A one-credit of Seminar or Internship or Studio activities or Field practice/projects or Community engagement and service means two-hour engagements per week. Accordingly, in a semester of 15 weeks duration, one credit in these courses is equivalent to 30 hours of engagement.
- A course can have a combination of lecture credits, tutorial credits, and practicum credits.
    - Lab-based Subject:

      Theory-3 credits (45 Hours); Practical-2 credits (30x2=60 Hours); Tutorial-1 credit (15 Hours).
    - Non Lab-based Subject:

      Theory-4 credits (60 Hours); Tutorial-1credit (15 Hours); Field Work-1 credit (30 Hours).

  The following types of courses/activities constitute the programmes of study. Each of them will require a specific number of hours of teaching/guidance and laboratory/studio/workshop activities, field-based learning/projects, internships, and community engagement and service.

7. Duration of the Programme:

The duration of the UG programme (Hnours/ Honours with research) is 4 years or 8 semesters. Students who desire to undergo a 3-year UG Programme will be allowed to exit after completion of the 3rd year. Students may be permitted to take a break from the study during the period of study but the total duration for completing the programme shall not exceed 7 years. The duration for Multidisciplinary UG Programme is 3 years.

8. SWAYAM Courses:

SWAYAM Courses: The University may allow up to 20% of the total courses being offered in a particular program in a Semester through the online learning courses offered through SWAYAM platform subject to the following conditions:

- The course contents should be alike;
- The courses are not offered in the College;
- There is non-availability of suitable teaching staff to run the course in the College.

The University shall give the equivalent credit weightage to the student for the credits earned vide online learning credit courses through SWAYAM platform. ***However, the candidate will have to seek permission from the university, if he/she wants to replace regular class-teaching by Swayam course. Swayam courses will be allowed only for SEC, MDC and VAC but not for Major and Minor disciplines.***

9. Mechanism for Computation of Work-load:

The following mechanism shall be adopted for computation of work load.

(a) 1Credit =1Theory period of one hour duration/week/semester;
(b) 1Credit =1Tutorial period of one hour duration/week/semester;
(c) 1Credit =1Practical period of two hours duration/week/semester;
(d) 1Credit = Internship of 1 week/semester.