



NEP 2020 Structure and Credit Distributions with Selection of Major at Second Year

B.Sc (Honors/Research) – First year

Year (Level)	Sem.	Faculty	Subject-I (M-1)	Subject-II (M-2)	Subject-III (M-3)	Open Elective (OE)	VC, SEC (VSEC)	AEC, VEC, IKS	CC, FP, CEP, OJT, RP	Min. Credits for the Year (Sem)	Degree.
1 (4.5)	Sem-I	Science	DSC-1 (2T) DSC-2 (2P)	DSC-1 (2T) DSC-2 (2P)	DSC-1 (2T) DSC-2 (2P)	OE-1(2T)	----	AEC-1 (2) (Eng) VEC-1 (2) (EA) IKS (2)	CC-1 (2)	44 (22+22)	UG Certificate In Faculty
	Sem-II	Science	DSC-3 (2T) DSC-4 (2P)	DSC-3 (2T) DSC-4 (2P)	DSC-3 (2T) DSC-4 (2P)	OE-2(4T)	----	AEC-2 (2) (Eng) VEC-2 (2) (CI)	CC-2 (2)		
Credit: 1 st Year			08	08	08	06	---	10	4	44	

Note:

- **T:** Theory Course, **P:** Practical course, **Number in bracket indicate credit allotted.**
- **The courses which do not have practical, 'P' will be treated as 'T'**
- **If student select subject other than faculty in the subjects M-1, M-2, & M-3, then that subject will be treated as Minor subject, and can not be selected as Major at Second year.**



NEP 2020 Structure and Credit Distributions with Selection of Major at Second Year

B.Sc (Honors/Research) – Second year

Year (Level)	Sem.	Faculty	Subject-I (M-1) Major		Subject-II (M-2) Minor	Subject-III (M-3)	Open Elective (OE)	VC, SEC (VSEC)	AEC, VEC, IKS	CC, FP, CEP, OJT, RP	Min. Credits for the Year (Sem)	Degree.
			Mandatory DSC	Elective DSE	MIN							
			Student must choose one subject as a Major subject out of M-1, M-2, M-3 that He/She has chosen at First Year.		Student must choose one subject as a Minor subject out of M-1, M-2, M-3 that He/She has chosen at First Year. (Minor must be other than Major)							
2 (5.0)	Sem-III	Science	DSC-5 (2T) DSC -6 (2T) (IKS) DSC -7 (2P)	---	MIN-1 (2T) MIN-2 (2T) MIN-3 (2P)	---	OE-3 (2T)	SEC-1 (2T) SEC-2 (2P)	AEC-3 (2) (MIL)	CC-3 (2)	44 (22+22)	UG Diploma In Faculty
	Sem-IV	Science	DSC -8 (2T) DSC -9 (2P)	---	MIN-4 (2T) MIN-5 (2P)	---	OE-4 (2T)	VC-1 (2T) VC-2 (2P)	AEC-4 (2) (MIL)	CC-4 (2) & *OJT / Int/CEP (4)		
Credit: 2 nd Year			10	---	10	---	04	08	4	08	44	

* OJT/Internship/CEP should be completed in the summer vacation after 4th semester.



NEP 2020 Structure and Credit Distributions with Selection of Major at Second Year

B.Sc (Honors/Research) – Third year

Year (Level)	Sem.	Faculty	Subject-I (M-1) Major		Subject-II (M-2) Minor	Subject-III (M-3)	Open Elective (OE)	VC, SEC (VSEC)	AEC, VEC, IKS	CC, FP, CEP, OJT, RP	Min. Credits for the Year (Sem)	Degree.
			Mandatory DSC	Elective DSE								
3 (5.5)	Sem-V	Science	DSC -10 (2T) DSC -11 (2T) DSC -12 (2T) DSC -13 (2T) DSC -14 (2T) DSC -15 (2P) DSC -16 (2P)	DSE-1 (2T) DSE-2 (2P)	----	---	---	SEC-3 (2T)	----	FP-1 (2)	44 (22+22)	UG Degree
	Sem-VI	Science	DSC -17 (2T) DSC -18 (2T) DSC -19 (2T) DSC -20 (2T) DSC -21 (2P) DSC -22 (2P)	DSE-3 (2T) DSE-4 (2P)	----	---	----	VC-3 (2T) VC-4 (2P)	----	FP-2 (2)		
Credit: 3 rd Year			26	08	00	00	00	06	00	04	44	
Cum. Cr. of 3 Years			44	08	18	08	10	14	14	16	132	132



B.Sc (Honors/Research) – Fourth year (Honor)

Year (Level)	Sem.	Faculty	Subject-I (M-1) Major Subject		Subject-II (M-2) Minor Subject (MIN)	Subject -III (M-3)	Open Elective (OE)	VSC, SEC (VSEC)	AEC, VEC, IKS	CC, FP, CEP, OJT/Int, RP	Cumulative Credits/Sem	Degree
			Mandatory (DSC)	Elective (DSE)								
4 (6.0)	Sem-VII	Science	DSC-25 (4T) DSC-26 (2T) DSC-27 (4T) DSC-28 (2P) DSC-29 (2P)	DSE-5 (4T)	RM (4T)	---	---	---	---	---	22	UG Honours Degree
	Sem-VIII	Science	DSC-30 (4T) DSC-31 (2T) DSC-32 (4T) DSC-33 (2P) DSC-34 (2P)	DSE-6 (4T)	---	---	---	---	OJT/Int (4)	22		
	Credit: 4 th Year		28	08	04	---	---	----	---	04	44	
	Cum. Cr. of 4 Year		72	16	22	08	10	14	14	20	176	
Four Year UG Honours Degree in Major and Minor with 176 credits												

B.Sc (Honors/Research) – Fourth year (Research)

Year (Level)	Sem.	Faculty	Subject-I (M-1) Major Subject		Subject-II (M-2) Minor Subject (MIN)	Subject-III (M-3)	Open Elective (OE)	VSC, SEC (VSEC)	AEC, VEC, IKS	CC, FP, CEP, OJT/Int, RP	Cumulative Credits/Sem	Degree
			Mandatory (DSC)	Elective (DSE)								
4 (6.0)	Sem-VII	Science	DSC-25 (4T) DSC-26 (2T) DSC-28 (2P) DSC-29 (2P)	DSE-5 (4T)	RM (4T)	---	---	---	---	RP (4)	22	UG Honours with Research Degree
	Sem-VIII	Science	DSC-30 (4T) DSC-31 (2T) DSC-33 (2P) DSC-34 (2P)	DSE-6 (4T)	---	---	---	---	RP (8)	22		
	Credit: 4 th Year		20	08	04	---	---	---	---	12	44	
	Cum. Cr. of 4 Year		64	16	22	08	10	14	14	28	176	
Four Year UG Honours with Research Degree in Major and Minor with 176 credits												



Note: a) The courses which do not have practical, 'P' will be treated as 'T'
b) Number in bracket indicate credit allotted

Abbreviations:

- **T:** Theory Course
- **P:** Practical course
- **DSC:** Discipline Specific Core Course
- **DSE:** Discipline Specific Elective Course
- **MIN:** Minor subject
- **VSEC:** Vocational skill and Skill enhancement courses
- **VC:** Vocational Skill Courses
- **SEC:** Skill Enhancement Courses
- **GE/OE:** Generic/Open elective
- **CI:** Constitution of India
- **AEC:** Ability Enhancement Courses
- **VEC:** Value Education Courses
- **IKS:** Indian Knowledge System
- **CC:** Co-curricular course
- **CEP:** Community engagement and service
- **OJT:** On Job Training: Internship/ Apprenticeship
- **RP:** Research Project
- **RM:** Research methodology
- **EA:** Environment Awareness
- **ENG:** English
- **MIL:** Modern Indian language

Observations:

- **Major DSC (Mandatory):** is the subject that represents the main focus of the degree, and the degree will be awarded in that Subject. Students should secure a minimum 50% of total credits through Major (core) Courses (mandatory courses, electives, vocational courses, Internship/ Field Projects/ Apprenticeship/ Community Engagement Projects, Seminars, and Group Discussion. In addition, Entrepreneurship, IPR and Research Project shall be offered in case of Honors with Research Degree) in Three /Four Years for the award of Major Degree.
- **Major Specific IKS (Cr-2)** is included under Major.
- **Minor:** is the subject that may complement the Major subject or can have interdisciplinary bandwidth. Minor subject may be related or unrelated to the Major subject. The Minor subjects may be from the different disciplines of the same faculty of DSC Major (Core) or they can be from different faculty altogether.
- **GE/OE:** is to be chosen compulsorily from faculty other than that of the Major and from the faculty-wise baskets of **OE** prepared by University/Colleges.



- **SEC** (Skill Enhancement Courses) to be selected from the basket of **Skill Courses** approved by the University.
- **VC** (Vocational Skill Courses): including **Hands on Training** corresponding to the Major and/or Minor Subject, to be selected from the basket. Wherever applicable vocational courses will include skills based on advanced laboratory practical of Major.
- **AEC** (Ability Enhancement Courses): **a)** English: 04Credits, **b)** Modern Indian Language (MIL):04 credits,
- **VEC** (Value Education Courses): to be chosen from the courses, such as; Understanding India, Environmental Science/Education, and Digital and Technological Solutions,
- **IKS** (Indian Knowledge System): Courses on IKS to be selected from the basket of IKS courses approved by the University.
- **CC:** (Co-curricular Courses): to be chosen from the courses, such as; Health and Wellness, Sports and Yoga, Environmental Awareness, Constitution of India, Cyber Security, Human Rights and Environment Law, Communication Skills and Personality Development, Cultural Activities, NSS/NCC and Fine/ Applied/ Visual/ Performing Arts. (Activities/Theory/ Practical/Assignment).
- **FP/CEP:** Field Projects/Community Engagement and Service corresponding to the Major (Core) Subject.