

Dr B.R. Ambedkar University Delhi

Undergraduate Curriculum and Credit Framework 2022, modified in 2025

1. Introduction

In light of the National Education Policy (NEP) 2020, the draft National Higher Education Qualification Framework (NHEQF) 2022, and the Credit and Curriculum Framework for Undergraduate Programmes, UGC December 2022, this document, Dr B.R. Ambedkar University Delhi Undergraduate Curriculum Framework, is being proposed. While these three public documents are the immediate context for the proposed transformations imagined in UG education at the Dr B. R. Ambedkar University Delhi, it is important to note a few features that have always been a part of undergraduate education at Dr B.R. Ambedkar University Delhi since its inception. Some of these features are:

- a) Students have been taking a combination of Foundation, Language-based, Discipline-specific, Electives, and Special Interest courses across six semesters, indicating an interdisciplinary focus at the core of undergraduate education.
- b) Students have been undertaking field visits, writing research-based term papers, and doing job training and internships /apprenticeships as part of their UG curriculum, indicating a rich diversity in skill sets developed among students.
- c) A combination of both discipline-specific as well as interdisciplinary UG degrees is being offered, like Mathematics, Sociology, Business Management or Hindi on the one hand and Law, Politics, Society, Global Studies, Social Sciences, and Humanities or Vocational Studies on the other hand.
- d) Opportunities for placement post Undergraduate degree created through the Training and Placement Cell at the University.
- e) The continuous assessment system with multiple types of assessments, both formative and summative, has also been a positive factor.

While the NEP, NHEQF, and the UGC FYUP have been the reference documents in preparing this document, the specific pedagogy practiced at the University has not been compromised. The NEP, the NHEQF and UGC FYUP envisage an extremely flexible education model with multiple entry and exit options and also allow students to customise their education. It provides students with a wide-ranging, holistic, interdisciplinary educational experience.

A relevant descriptor from NEP 2020 is excerpted below with key terms highlighted.

“11.8. Towards the attainment of such a holistic and multidisciplinary education, the flexible and innovative curricula of all HEIs shall include **credit-based courses and projects in the areas of community engagement and service, environmental education, and value-based education**. Environmental education will include areas such as climate change, pollution, waste

management, sanitation, conservation of biological diversity, management of biological resources and biodiversity, forest and wildlife conservation, and sustainable development and living. Value-based education will include the development of humanistic, ethical, Constitutional, and universal human values of truth (*satya*), righteous conduct (*dharma*), peace (*shanti*), love (*prem*), nonviolence (*ahimsa*), scientific temper, citizenship values, and also life-skills; lessons in *seva*/service and participation in community service programmes will be considered an integral part of a holistic education. As the world is becoming increasingly interconnected, Global Citizenship Education (GCED), a response to contemporary global challenges, will be provided to empower learners to become aware of and understand global issues and to become active promoters of more peaceful, tolerant, inclusive, secure, and sustainable societies. Finally, as part of a holistic education, students at all HEIs will be provided with opportunities for **internships** with local industry, businesses, artists, crafts persons, etc., as well as research internships with faculty and researchers at their own or other HEIs/research institutions, so that students may actively engage with the practical side of their learning and, as a by-product, further improve their employability.”

Below is an excerpt from the draft NHEQF that is relevant at the UG level.

Table 1:

Type of qualification	Qualification title/nomenclature and programme duration
Undergraduate Certificate	Undergraduate Certificate (Field of study/discipline). (Programme duration: First year (first two semesters) of the undergraduate programme, followed by an exit 10-credit bridge course(s) lasting two months, including at least 6-credit job-specific internship/apprenticeship that would help the graduates acquire job-ready competencies required to enter the workforce.
Undergraduate Diploma	Undergraduate Diploma (Field of study/discipline). (Programme duration: First two years (first four semesters) of the undergraduate programme, followed by an exit 10-credit bridge course(s) lasting two months, including at least 6-credit job-specific internship/apprenticeship that would help the graduates acquire job-ready competencies required to enter the workforce.
Bachelor's degree	Bachelor of (Field of study/discipline) (Programme duration: First two years (first four semesters) of the undergraduate programme, followed by an exit 10-credit bridge course(s) lasting two months, including at least 6-credit job-specific internship/apprenticeship that would help the graduates acquire job-ready competencies required to enter the workforce. Examples:
Bachelor's degree (Honours/Research)	Bachelor of (Field of study/discipline) (Honours/Research). Programme duration: Four years (eight semesters).

The Credit requirement for exits at various levels are provided by the draft NHEQF as given below.

Table 2: Credit requirement for exits at various levels are provided by the draft NHEQF

NHEQF levels	Qualification title/nomenclature	Credit requirements
Level 5	Undergraduate Certificate (in the field of learning/discipline) for those who exit after the first year (2 semesters) of undergraduate programme. (Programme duration: First year or 2 semesters of the undergraduate programme)	40 credits
Level 6	Undergraduate Diploma (in the field of learning/discipline) for those who exit after the first two years (4 semesters) of undergraduate programme (Programme duration: First two years or 4 semesters of the undergraduate programme)	80 credits
Level 7	Bachelor's Degree (Programme duration: Three years or 6 semesters).	120 credits
Level 7	Bachelor of Vocation (B.Voc). (Programme duration: 3 years or 6 semesters).	120 credits
Level 7	Bachelor's Degree programme in Engineering & Technology. (Programme duration: Four years or 8 semesters).	160 credits
Level 8	Bachelor' Degree (Honours/Research). (Programme duration: Four years or 8 semesters).	160 credits

The following section summarises the **salient features of the University Grants Commission Curriculum and Credit Framework for Undergraduate Programmes – 2022:**

1. Major and Minor disciplines

a. Major discipline

The 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 the total credits) through core courses in the major discipline.

b. Minor 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 24 credits for 3 3-year programme and 32 for 4 4-year programme credits from a bunch of courses in Statistics, then the student will be awarded B.A. degree in Economics with a Minor in Statistics.

2. Curricular Components of the Undergraduate Programme

The curriculum consists of major stream courses, minor stream courses and courses from other disciplines, language courses, skill courses, and a set of courses on Environmental education, understanding India, Digital and technological solutions, Health & Wellness, Yoga education, and sports and fitness. At the end of the second semester, students can decide to either continue with the chosen major or request a change of major. The minor stream courses include vocational courses which will equip students with job- oriented skills.

a. Disciplinary/interdisciplinary major: (60/ 80 credits)

The major would provide the opportunity for a student to pursue in-depth study of a particular subject or discipline. The students may be allowed to change major within broad discipline at the end of the second semester by giving her/him sufficient time to explore interdisciplinary courses during the first year. Advanced-level disciplinary/interdisciplinary courses, a course in research methodology, and a project/dissertation will be conducted in the seventh semester. The final semester will be devoted to seminar presentation, preparation, and project report/dissertation submission. The project work/dissertation will be on a topic in the disciplinary programme of study or an interdisciplinary topic.

b. **Disciplinary/interdisciplinary minors: (24/32 credits)**

Students will have the option to choose courses from disciplinary/interdisciplinary minors and skill-based courses relating to a chosen vocational education programme. Students who take a sufficient number of courses in a discipline or an interdisciplinary area of study other than the chosen major will qualify for a minor in that discipline or in the chosen interdisciplinary area of study. A student may declare the choice of the minor and vocational stream at the end of the second semester after exploring various courses.

i. **Vocational Education and Training:** Vocational Education and Training will form an integral part of the undergraduate programme to impart skills along with theory and practical. A minimum of 12 credits will be allotted to the 'Minor' stream relating to Vocational Education and Training and these can be related to the major or minor discipline or choice of the student. These courses will be useful to find a job for those students who exit before completing the programme.

c. **Courses from Other Disciplines (Multidisciplinary) (08 Credits)**

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 to choose or repeat courses already undergone at the higher secondary level (12th class) in the proposed major and minor stream under this category.

i. **Natural and Physical Sciences:** Students can choose basic courses from disciplines such as Natural Science, for example, Biology, Botany, Zoology, Biotechnology, Biochemistry, Chemistry, Physics, Biophysics, Astronomy and Astrophysics, Earth and Environmental Sciences, etc.

ii. **Mathematics, Statistics, and Computer Applications:** Courses under this category will facilitate the students to use and apply tools and techniques in their major and minor disciplines. The course may include training in programming software like Python among others and applications software like STATA, SPSS, Tally, etc. Basic courses under this category will be helpful for science and social science in data analysis and the application of quantitative tools.

iii. **Library, Information, and Media Sciences:** Courses from this category will help the students to understand the recent developments in information and media science (journalism, mass media, and communication).

iv. **Commerce and Management:** Courses include business management, accountancy, finance, financial institutions, fintech, etc.

v. **Humanities and Social Sciences:** The courses relating to Social Sciences, for example, Anthropology, Communication and Media, Economics, History, Linguistics, Political Science, Psychology, Social Work, Sociology, etc. will enable students to understand the individuals and their social behaviour, society and nation. Students will be introduced to survey methodology and available large-scale databases for India. The courses under humanities include, for example, Heritage Management, Archaeology, History, Comparative Literature, Arts & Creative Expression, Creative Writing and Literature, language(s), Philosophy, etc., and interdisciplinary courses relating to humanities. The list of Courses that can include interdisciplinary subjects such as Cognitive Science, Environmental Science, Gender Studies, Global Environment & Health, International Relations, Political Economy and Development, Sustainable Development, Women's and Gender Studies, etc.,

will be useful in understanding society.

d. Ability Enhancement Courses (AEC) (08 credits): Modern Indian Language (MIL) & English language, focused on language learning and communication skills.

Students are required to achieve competence in a Modern Indian Language (MIL) and in the English language with special emphasis on language learning and communication skills. The courses aim at enabling the students to acquire and demonstrate the core linguistic skills, including critical reading and expository and academic writing skills, that help students articulate their arguments and present their thinking clearly and coherently and recognize the importance of language as a mediator of knowledge and identity. They would also enable students to acquaint themselves with the cultural and intellectual heritage of the chosen MIL and English language, as well as to provide a reflective understanding of the structure and complexity of the language/literature related to both the MIL and English language. The courses will also emphasize the development and enhancement of skills such as communication and the ability to participate/conduct discussion and debate.

e. Skills Enhancement Courses (SEC) (08 credits):

These courses aim to impart practical skills, hands-on training, soft skills, etc., to enhance students' employability. The courses may be designed as per the students' needs and available resources.

f. Value-Added Courses (VAC) (08 credits): Common to All UG Students

- i. ***Understanding India:*** The course aims at enabling the students to acquire and demonstrate the knowledge and understanding of contemporary India with its historical perspective, the basic framework of the goals and policies of national development, and the constitutional obligations with special emphasis on constitutional values and fundamental rights and duties. The course would also focus on developing an understanding among student-teachers of the Indian knowledge systems, the Indian education system, and the roles and obligations of teachers to the nation in general and to the school/community/society. The course will attempt to deepen knowledge about an understanding of India's freedom struggle and of the values and ideals that it represented to develop an appreciation of the contributions made by people of all sections and regions of the country and help learners understand and cherish the values enshrined in the Indian Constitution and to prepare them for their roles and responsibilities as effective citizens of a democratic society.
- ii. ***Environmental science/education:*** The course seeks to equip students with the ability to apply the acquired knowledge, skills, attitudes, and values required to take appropriate actions for mitigating the effects of environmental degradation, climate change, and pollution, effective waste management, conservation of biological diversity, management of biological resources, forest and wildlife conservation, and sustainable development and living. The course will also deepen the knowledge and understanding of India's environment in its totality, its interactive processes, and its effects on the future quality of people's lives.
- iii. ***Digital and technological solutions:*** Courses in cutting-edge areas that are fast gaining prominence, such as Artificial Intelligence (AI), 3-D machining, big data analysis, machine learning, drone technologies, and Deep learning with important applications to health, environment, and sustainable living will be woven into undergraduate education for enhancing the employability of the youth.

- iv. **Health & Wellness, Yoga education, sports, and fitness:** Course components relating to health and wellness seek to promote an optimal state of physical, emotional, intellectual, social, spiritual, and environmental well-being of a person. Sports and fitness activities will be organized outside the regular institutional working hours. Yoga education would focus on preparing the students physically and mentally for the integration of their physical, mental, and spiritual faculties, equipping them with basic knowledge about one's personality, maintaining self-discipline and self-control, to learn to handle oneself well in all life situations. The focus of sports and fitness components of the courses will be on the improvement of physical fitness including components of physical and skills-related fitness like strength, speed, coordination, endurance, and flexibility; acquisition of sports skills including motor skills as well as basic movement skills relevant to a particular sport; improvement of tactical abilities; and improvement of mental abilities.

The University may introduce other innovative value-added courses relevant to the discipline or common to all UG programmes.

g. **Summer Internship /Apprenticeship (02-04 credits)**

A key aspect of the new UG programme is induction into actual work situations. All students will also undergo internships / Apprenticeships in a firm, industry, or organization or Training in labs with faculty and researchers in their own or other higher educational institutes/research institutions during the summer term. Students will be provided with opportunities for internships with local industry, business organizations, health, and allied areas, local governments (such as panchayats, municipalities), Parliament or elected representatives, media organizations, artists, crafts persons, and a wide variety of organizations so that students may actively engage with the practical side of their learning and, as a by-product, further improve their employability. Students who wish to exit after the first two semesters will undergo a 4-credit work-based learning/internship during the summer term in order to get a UG Certificate.

- h. **Community Engagement and Service (CES) (02 credits):** The curricular component of 'community engagement and service' seeks to expose students to the socio-economic issues in society so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems. This can be part of courses offered by the programmes.

- i. **Field-based learning/minor project:** The field-based learning/minor project will attempt to provide opportunities for students to understand the different socio-economic contexts. It will aim at giving students exposure to development-related issues in rural and urban settings. It will provide opportunities for students to observe situations in rural and urban contexts, and to observe and study actual field situations regarding issues related to socioeconomic development. Students will be given opportunities to gain a first-hand understanding of the policies, regulations, organizational structures, processes, and programmes that guide the development process. They would have the opportunity to gain an understanding of the complex socio-economic problems in the community, and innovative practices required to generate solutions to the identified problems. This may be a summer term project or part of a major or minor course depending on the subject of study.

- j. **Research Project / Dissertation (12 Credits):** Students choosing a 4-Year Bachelor's degree (Honours with Research) are required to take up research projects under the guidance of a faculty member. The students are expected to complete the Research Project in the eighth semester. The research outcomes of their project work may be published in peer-reviewed journals or may be

presented in conferences /seminars or may be patented.

3. Awarding UG Certificate, UG Diploma, and Degrees

- i. **UG Certificate:** Students who opt to exit after completion of the first year and have secured 40 credits will be awarded a UG certificate if, in addition, they complete one vocational course/internship of 4 credits and Community engagement service of 2 credits during the summer vacation of the first year. These students are allowed to re-enter the degree programme within three years and complete the degree programme within the stipulated maximum period of seven years.
- ii. **UG Diploma:** Students who opt to exit after completion of the second year and have secured 80 credits will be awarded the UG diploma if, in addition, they complete one vocational course /internship of 4 credits and Community engagement service of 2 credits during the summer vacation of the second year. These students are allowed to re-enter within a period of three years and complete the degree programme within the maximum period of seven years.
- iii. **3 year UG Degree:** Students who wish to undergo a 3-year UG programme will be awarded UG Degree in the Major discipline after successful completion of three years, securing 120 credits and satisfying the minimum credit requirement as given in table 2.
- iv. **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 160 credits and have satisfied the credit requirements as given in table 2.
- v. **4-year UG Degree (Honours with Research):** Students who secure 75% marks and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students who secure 160 credits, including 12 credits from a research project/dissertation, are awarded UG Degree (Honours with Research).

Infrastructure Requirement

The Schools/ Programmes offering a 4-year UG Degree (Honours with Research) must have the required infrastructure such as the library, access to journals, computer lab and software, laboratory facilities to carry out experimental research work, and at least two permanent faculty members who are recognized as PhD supervisors.

a. UG Degree Programmes with Single Major

A student has to secure a minimum of 50% credits from the major discipline for the 3-year/4-year UG degree to be awarded a single major. For example, in a 3-year UG programme, if the total number of credits to be earned is 120, a student of Sociology with a minimum of 60 credits will be awarded a BA in Sociology with a single major. Similarly, in a 4-year UG programme, if the total number of credits to be earned is 160, a student of Sociology with a minimum of 80 credits will be awarded a B.A. (Hons./Hon. With Research) in Sociology in a 4-year UG programme with a single major.

b. UG Degree Programmes with Double Major:

A student has to secure a minimum of 40% credits from the second major discipline for the 3-year/4-year UG degree to be awarded a double major. For example, in a 3-year UG programme, if the total number of credits to be earned is 120, a student of History with a minimum of 48 credits will be awarded a BA in History with a double major. Similarly, in a 4-year UG programme, if the total number of credits to be earned is 160, a student of

History with a minimum of 64 credits will be awarded a B.A. (Hons./Hon. With Research) in History in a 4-year UG programme with double major.

c. Multidisciplinary UG Programmes:

In the case of students pursuing a multidisciplinary programme of study, the credits to core courses will be distributed among the broad disciplines such as Life sciences, Physical Sciences, Mathematical and Computer Sciences, Data Analysis, Social Sciences, Humanities, etc. For example, a student who opts for a UG program in Life sciences will have the total credits to core courses distributed across Botany, Zoology and Human biology disciplines. The degree will be awarded as B.Sc. in Life Sciences for a 3-year programme and B.Sc. (Honours) in Life Sciences or B.Sc. (Honours with Research) for a 4-year programme without or with a research component respectively.

The statutory bodies of the Universities and Colleges such as the Board of Studies and Academic Council will decide on the list of courses under major category and credit distribution for double major, interdisciplinary and multidisciplinary programmes.

4. 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. For example, a 4-credit course with three credits assigned for lectures and one credit for practicum shall have three 1-hour lectures per week and one 2-hour duration field-based learning/project or lab work, or workshop activities per week. In a semester of 15 weeks duration, a 4-credit course is equivalent to 45 hours of lectures and 30 hours of practicum. Similarly, a 4-credit course with 3-credits assigned for lectures and one credit for tutorial shall have three 1-hour lectures per week and one 1-hour tutorial per week. In a semester of 15 weeks duration, a four-credit course is equivalent to 45 hours of lectures and 15 hours of tutorials.

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.

- **Lecture courses:** Courses involving lectures relating to a field or discipline by an expert or qualified personnel in a field of learning, work/vocation, or professional practice.
- **Tutorial courses:** Courses involving problem-solving and discussions relating to a field or discipline under the guidance of qualified personnel in a field of learning, work/vocation, or professional practice.
- **Practicum or Laboratory work:** A course requiring students to participate in a project or practical or lab activity that applies previously learned/studied principles/theory related to the chosen field of learning, work/vocation, or professional practice under the supervision of an expert or qualified individual in the field of learning, work/vocation or professional practice.
- **Seminar:** A course requiring students to participate in structured discussion/conversation or debate focused on assigned tasks/readings, current or historical events, or shared experiences guided or led by an expert or qualified personnel in a field of learning, work/vocation, or professional practice.
- **Internship:** A course requiring students to participate in a professional activity or work experience, or cooperative education activity with an entity external to the education 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.
- **Studio activities:** Studio activities involve the engagement of students in creative or artistic activities. Every student is engaged in performing a creative activity to obtain a specific outcome. Studio-based activities involve visual- or aesthetic- focused experiential work.
- **Field practice/projects:** Courses requiring students to participate in field-based learning/projects generally under the supervision of an expert of the given external entity.
- **Community engagement and service:** Courses requiring students to participate in field-based learning/projects generally under the supervision of an expert of the given external entity. The curricular component of ‘community engagement and service’ will involve activities that would expose students to the socio-economic issues in society so that the theoretical learnings can be supplemented by actual life experiences to generate solutions to real-life problems.

5. Number of Credits by Type of Course

The hallmark of the new curriculum framework is the flexibility for the students to learn courses of their choice across various branches of undergraduate programmes.

Table 3: Minimum Credit Requirements to Award Degree under Each Category as Per UGC

S. No.	Broad Category of Course	Minimum Credit Requirement	
		3-year UG	4-Year UG
1	Major (Core)	60	80
2	Minor Stream	24	32
3	Multidisciplinary	09	09
4	Ability Enhancement Courses (AEC)	08	08
5	Skill Enhancement Courses (SEC)	09	09
6	Value Added Courses common for all UG	06-08	06-08
7	Summer Internship	02-04	02-04
8	Research Project / Dissertation	-	12
	Total	120	160

In light of the stipulations of the University Grants Commission Curriculum and Credit Framework for Undergraduate Programmes – 2022, Dr. B.R. Ambedkar Delhi Credit and Curriculum Framework for Undergraduate Programmes shall be as follows:

Table 4: Courses and credits as adopted at Dr. B.R. Ambedkar University Delhi

	Broad Category of Course	Minimum credit requirement for 3-year UG	Minimum credit requirement for 4-year UG
1	Major (Core)	60	80
2	Minor Stream	24	32
3	Ability Enhancement Courses (AEC)	08	08
4	Multidisciplinary (MD)	08	08
5	Skill Enhancement Courses (SEC)	08	08
6	Environment Course (EIC)	04	04
7	Community Engagement Services (CES)*	02	02
8	Universal Human Values (UHV) [#]	02	02
9	Value Added Courses (VAC)	08	08
10	Research Project / Dissertation	-	12
11	Internship**	If exit up to 2 years - 2 credits If exit after 3 rd or 4 th year - 4 credits to be completed by 3 rd Year only.	04
	Total	128	168

* 2 credits of CES will be offered by the Outreach and Extension Division and to be completed by the 3rd year.

The Schools shall offer courses from the list of AICTE approved Minor Degree in Universal Human Values or the course outline by MULYA PRAVAH 2.0 Inculcation of Human Values and Professional Ethics in Higher Education (UGC 2023, Pg 27-28) after approval of the Board of Studies and Academic Council OR an equivalent course designed by the faculty and duly approved by the Statutory Bodies.

***** 2 credits of internship required for exit up to 2 years, and 4 credits of internship if exit after 3rd or 4th year, but the requirement of Internship to be completed by 3rd year.***

a. Major and Minor Courses:

All discipline-specific courses (major or minor) may be 4 credits or as appropriate. An additional one to two credits may be allotted for tutorials or practicals. Discipline Specific Core (DSC) shall include both core disciplinary courses and erstwhile disciplinary electives.

Minor shall include courses from other programmes (core as well as elective in case of Degree Programmes with Single Major) or Courses completed from emerging areas of knowledge / sub-fields / sub-specializations within the discipline, for instance, a student doing major in Economics may do minor in Econometrics or Applied Game Theory, a student doing major in Sociology may do a minor in urban sociology, sociology of religion, gender studies, medical sociology, a student doing a major in English may do a minor in cultural studies, or literary theory, a student doing major in Geography may do a minor in Disaster management and a student doing major in psychology may do a minor in ethnography or clinical psychology.

Alternatively, in the case of multidisciplinary or interdisciplinary programmes, the student may complete a minor in a single discipline. For example, a BA in Global Studies with a minor in Political Science.

The student may complete the requirement of a minor from within the school or outside the school.

b. Other Courses:

- i. All courses under the Ability Enhancement (language), Multi-disciplinary, and Skill Enhancement categories shall be of 4-credits.
- ii. Ability Enhancement courses (AEC) courses will include existing approved foundational and advanced English and Hindi language courses. In the case of those students who may be required to do a basic language proficiency course like English Proficiency Course and a mandatory language course like the English for Academic Purposes (EAP) course based on proficiency test, the 4-credit English Proficiency Course shall be considered as fulfilling the requirement of skill enhancement (SEC). Therefore, such students will be required to complete only one additional skill enhancement category course, worth 4 credits, to meet the requirements.
- iii. For Multidisciplinary (MD) and Skill Enhancement Courses (SEC) – The programmes may offer two courses of 4 credits each.
- iv. Skill Enhancement Courses (SEC) may include the existing passed courses (IT Networking Fundamentals, Introduction to Cybersecurity, Logic and Reasoning, etc.), and the Programme Committees may design more courses in this basket.

- v. **Environment: Issues and Challenges (EIC)** (04 credits): Since EIC is a mandatory course, its 4 credit requirements shall be fulfilled over and above the mandatory requirement of the programme as prescribed under various categories of courses in the UGC regulations.
- vi. **Universal Human Values (UHV)** (02 credits): The Schools shall offer courses from the list of AICTE approved Minor Degree in Universal Human Values or the course outline by MULYA PRAVAH 2.0 Inculcation of Human Values and Professional Ethics in Higher Education (UGC 2023, Pg 27-28) after approval of the Board of Studies and Academic Council OR an equivalent course designed by the faculty and duly approved by the Statutory Bodies.
- vii. **Community Engagement and Service (CES)**: A 2-credit course on Community Engagement and Services shall be offered by the Outreach and Extension Division. The mode of transaction/format of the Community Engagement and Service Course shall be worked out by the Director, Outreach and Extension Division. The Programme Coordinator / Course Coordinator from each programme shall coordinate with the Outreach and Extension Division.
- viii. **Value-Added Courses (VAC)** (08 credits): Courses under Value Added may be of 4-credits or as appropriate; The requirement of VAC courses may be fulfilled by the students by completing one *Bharatiya Knowledge System* (BKS) course and one any other course of 4 credits offered under the VAC category. The existing courses approved under Value-based education (VBE) basket may be considered under Value Added Courses (VAC).
- c. **Internship**: The requirement of an internship may be fulfilled during summer or winter break. Summer Internship shall be of 2 credits for exit up to 2 years and 4 credits for exit after 3rd or 4th year, but the requirement of internship will have to be completed by the 3rd year. The **internship** may be with local industries, businesses, artists, craftspeople, and other relevant entities, as well as research internships with faculty and researchers at the university or other academic / research institutions. This allows students to actively engage with the practical aspects of their learning and, as a byproduct, further improve their employability.
- d. **Final year Research project / Dissertation** shall be 12 credits for students who secure 75% marks or equivalent grade point and above in the first six semesters. However, students not eligible or not opting for a research degree may complete equivalent courses of 12 credits in the fourth year.
- e. The Programme committees may also identify MOOC courses for inclusion under various baskets after seeking the approval of the statutory bodies, i.e. Board of Studies and Academic Council.

The following types of UG curriculum framework models are being proposed based on the different kinds of UG programmes currently on offer:

1. UGCF for Degree Programmes with Single Major (Table 5)
2. UGCF for BA Social Sciences and Humanities Major (Table 6)
3. UGCF for Dual or Multi-Discipline Major (Table 7)

Table 5: UGCF for Degree Programmes with Single Major

Sem	DSC (credits)	Minor (credits)	AEC/EIC/UHV/CES (credits)	SEC/VAC/MD (credits)	Total Credits

I	DSC1(4) DSC2(4)	Minor 1 (4)	AEC1(4)/AEC2(4)	SEC1(4)/VAC1(4)	20
II	DSC3(4) DSC4(4)	Minor 2 (4)	AEC2(4)/AEC1(4)	VAC1(4)/SEC1(4)	20
Total credit: 40 + Internship (2) = 42 credits					
Students exiting the programme after securing 40 credits will be awarded a UG Certificate in the relevant Discipline /Subject, provided they secure an additional 2 credits of Internship/Apprenticeship during the summer/winter term.					
III	DSC5(4) DSC6(4)	Minor 3 (4)	EIC* (4) UHV* (2)	SEC2(4)/VAC2(4)	22
IV	DSC7(4) DSC8(4) DSC9(4)	Minor 4 (4)		VAC2(4)/SEC2(4)	20
Total credit: 82 + Internship (2) = 84 credits					
Students exiting the programme after securing 84 credits will be awarded a UG Diploma in the relevant Discipline /Subject. * The students may complete the EIC and UHV course either through physical classroom mode or through online SWAYAM/ MOOCs.					
V	DSC10(4) DSC11 (4) DSC12(4)	Minor 5 (4)	CES** (2)	MD1 / MD2 (4)	22

VI	DSC13(4) DSC14 (4) DSC15(4)	Minor 6 (4)		MD2 / MD1 (4)	20
Total credit: 124 + Internship (4) = 128 credits					
Students who want to undertake a 3-year UG programme will be awarded a Bachelor's Degree in the relevant Discipline/Subject upon securing 128 credits. ** The mode of transaction/format of the CES shall be worked out by the Director, Outreach and Extension Division. The Programme Coordinator / Course Coordinator from each programme shall coordinate with the Outreach and Extension Division.					
VII	DSC16(4) DSC17(4) DSC18(4)	Minor 7 (4)		Dissertation 1/ 1 Seminar paper /1 DSE (4)	20
VIII	DSC19(4) DSC20(4)	Minor 8 (4)		Dissertation 2/ 2 Seminar papers /2 DSE (8)	20
Total credits: 168 credits					
The Students who secure 75% marks or equivalent grade points and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students who secure 168 credits, including 12 credits from a research project/dissertation, are awarded a UG Degree (Honours with Research). Students will be awarded a Bachelor's Degree (Honours) in the relevant discipline /Subject provided they secure 168 credits. The Honours students not undertaking research will either do 3 DSE courses or seminar papers equivalent to 12 credits in lieu of a research project / Dissertation. Note: 2 credits of internship are required for exit up to 2 years, and 4 credits of internship if exit is after 3rd or 4th year, but the requirement of Internship to be completed by the 3rd year.					

Notes:

1. Those students who may need extra help in English (based on the language proficiency test) will be compulsorily assigned the English Proficiency Course (EPC) of 4 credits as SEC1 under the SEC category. Such students will have to complete only 1 more SEC of 4 credits.
2. Under the AEC category, students must complete one Hindi 4-credit course (at the appropriate diagnostic level) and one English for Academic Purposes 4-credit course.
3. Students may fulfil the mandatory requirement of the EIC 4-credit course in either semester 3 through offline physical classroom mode or by completing online courses on the SWAYAM portal, such as SWAYAM or MOOCs. This credit requirement may be completed by the end of the 4th semester.
4. Students may earn a minor according to the criteria mentioned in 5(a) by choosing courses from either DSC / DSE, worth 24 credits for a 3-year degree and 32 credits for a 4-year degree.
5. **In the case of the School of Global Affairs for the programmes of BA in Global Studies, Sustainable Urbanism and Social Sciences, the students may complete the requirement of a minor discipline from either of these three disciplines: History, Political Science or Geography.**

The above framework maintains a strong disciplinary core while also allowing students to have a broad base through compulsory language and environment components. The large number of choices available in Ability Enhancement Optional courses, Skill Enhancement courses, and Multidisciplinary courses will allow students to build their knowledge of the social sciences and humanities, as well as the natural sciences, and provide an interdisciplinary flavour. It addresses the core ideals of the NEP, NHEQF, and UGC FYUP, while ensuring that disciplinary major requirements are not diluted.

Table 6: UGCF for a Multidisciplinary Programme i.e. BA (SSH) Programme

Sem	DSC (credits)	Minor (credits)	AEC/EIC/UHV/CES (credits)	SEC/VAC/MD (credits)	Total Credits
I	DSC1(4) DSC2(4) From either discipline A/B/C	Minor 1 (4)	AEC1(4)/AEC2(4)	SEC1(4)/VAC1(4)	20
II	DSC3(4) DSC4(4) From either discipline A/B/C	Minor 2 (4)	AEC2(4)/AEC1(4)	VAC1(4)/SEC1(4)	20
Total credit: 40 + Internship (2) = 42 credits					

Students exiting the programme after securing 40 credits will be awarded a UG Certificate in the relevant Discipline /Subject, provided they secure an additional 2 credits of Internship/Apprenticeship during the summer/winter term.

III	DSC5(4) DSC6(4) From either discipline A/B/C	Minor 3 (4)	EIC (4) * UHV (2)*	SEC2(4)/VAC2(4)	22
IV	DSC7(4) DSC8(4) DSC9(4) From either discipline A/B/C	Minor 4 (4)		VAC2(4)/SEC2(4)	20

Total credit: 82 + Internship (2) = 84 credits

Students exiting the programme after securing 84 credits will be awarded a UG Diploma in the relevant Discipline /Subject.

* The students may complete the EIC and UHV course either through physical classroom mode or through online SWAYAM/ MOOCs.

V	DSC10(4) DSC11 (4) DSC12(4) From either discipline A/B/C	Minor 5(4)	CES (2)**	MD1 / MD2 (4)	22
VI	DSC13(4) DSC14 (4) DSC15(4) From either discipline A/B/C	Minor 6 (4)		MD2 / MD1 (4)	20

Total credit: 124 + Internship (4) = 128 credits

**The mode of transaction/format of the CES shall be worked out by the Director, Outreach and Extension Division. The Programme Coordinator / Course Coordinator from each programme shall coordinate with the Outreach and Extension Division.

VII	DSC16(4) DSC17(4) DSC18(4)	Minor 7 (4)	Dissertation 1/1 Seminar paper /1 DSE (4)	20
VIII	DSC19(4) DSC20(4)	Minor 8 (4)	Dissertation 2/ 2 Seminar papers /2 DSE (8)	20
Total credits: 168 credits				
The Students who secure 75% marks or equivalent grade points and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students who secure 168 credits, including 12 credits from a research project/dissertation, are awarded a UG Degree (Honours with Research). Students will be awarded a Bachelor's Degree (Honours) in the relevant discipline /Subject provided they secure 168 credits. The Honours students not undertaking research will either do 3 DSE courses or seminar papers equivalent to 12 credits in lieu of a research project / Dissertation. Note: 2 credits of internship are required for exit up to 2 years, and 4 credits of internship if exit is after 3rd or 4th year, but the requirement of Internship to be completed by the 3rd year.				

Notes:

- Those students who may need extra help in English (based on the language proficiency test) will be compulsorily assigned the English Proficiency Course (EPC) of 4 credits as SEC1 under the SEC category. Such students will have to complete only 1 more SEC of 4 credits.
- Under the AEC category, students must complete one Hindi 4-credit course (at the appropriate diagnostic level) and one English for Academic Purposes 4-credit course.
- Students may fulfil the mandatory requirement of the EIC 4-credit course in either semester 3 through offline classroom mode or by completing online courses on the SWAYAM portal, such as SWAYAM or MOOCs. This credit requirement may be completed by the end of the 4th semester.
- Students may earn a minor according to the criteria mentioned in 5(a) by choosing courses from either DSC / DSE, worth 24 credits for a 3-year degree and 32 credits for a 4-year degree.
- SSH students will have to identify three disciplines, A, B, and C and complete 5 DSC courses each in the disciplines/discipline areas A, B, C by the end of three years and minimum 6 courses each by the end of four years in the disciplines/discipline areas A, B, and C to complete the requirement of 20 DSC courses. However, the student may complete the requirement of a minor as stipulated above in point 4 (Notes).
- For the **Bachelor's Degree (Hons) (in SSH)**, the student will be required to do 3 seminar papers or 3 DSEs worth 12 credits in the fourth year.
- For the **Bachelor's degree with Research (in SSH)**, the student will be required to submit a dissertation worth 12 credits in one of the disciplines, i.e. A, B or C.

Table 7: UGCF for Dual Discipline Major Degree

Sem	DSC (credits)	Minor (credits)	AEC/EIC/UHV/CES (credits)	SEC/VAC/MD (credits)	Total Credits
I	DSC1(4) DSC2(4) From either discipline A/B	Minor 1 (4)	AEC1(4)/AEC2(4)	SEC1(4)/VAC1(4)	20
II	DSC3(4) DSC4(4) From either discipline A/B	Minor 2 (4)	AEC2(4)/AEC1(4)	VAC1(4)/SEC1(4)	20
Total credit: 40 + Internship (2) = 42 credits					
Students exiting the programme after securing 40 credits will be awarded a UG Certificate in the relevant Discipline /Subject, provided they secure an additional 2 credits of Internship/Apprenticeship during the summer/winter term.					
III	DSC5(4) DSC6(4) From either discipline A/B	Minor 3 (4)	EIC (4) * UHV (2) *	SEC2(5)/VAC2(4)	22
IV	DSC7(4) DSC8(4) DSC9(4) From either discipline A/B	Minor 4 (4)		VAC2(4)/SEC2(5)	20
Total credit: 82 + Internship (2) = 84 credits					
Students exiting the programme after securing 84 credits will be awarded a UG Diploma in the relevant Discipline /Subject. * The students may complete the EIC and UHV course either through physical classroom mode or through online SWAYAM/ MOOCs.					

V	DSC10(4) DSC11 (4) DSC12(4) From either discipline A/B	Minor 5(4)	CES (2)**	MD1 / MD2 (4)	22
VI	DSC13(4) DSC14 (4) DSC15(4) From either discipline A/B	Minor 6 (4)		MD2 / MD1 (4)	20
Total credit: 124 + Internship (4) = 128 credits					
**The mode of transaction/format of the CES shall be worked out by the Director, Outreach and Extension Division. The Programme Coordinator / Course Coordinator from each programme shall coordinate with the Outreach and Extension Division.					
VII	DSC16(4) DSC17(4) DSC18(4) From either discipline A/B	Minor 7 (4)		Dissertation 1/ 1 Seminar paper /1 DSE (4)	20
VIII	DSC19(4) DSC20(4) From either discipline A/B	Minor 8 (4)		Dissertation 2/ 2 Seminar papers /2 DSE (8)	20
Total credits: 168 credits					
The Students who secure 75% marks or equivalent grade points and above in the first six semesters and wish to undertake research at the undergraduate level can choose a research stream in the fourth year. They should do a research project or dissertation under the guidance of a faculty member of the University/College. The research project/dissertation will be in the major discipline. The students who secure 170 credits, including 12 credits from a research project/dissertation, are awarded a UG Degree (Honours with Research). Students will be awarded a Bachelor's Degree (Honours) in the relevant discipline /Subject provided					

they secure 168 credits. The Honours students not undertaking research will either do 3 DSE courses or seminar papers equivalent to 12 credits in lieu of a research project / Dissertation.

Note: 2 credits of internship are required for exit up to 2 years, and 4 credits of internship if exit is after 3rd or 4th year, but the requirement of Internship to be completed by 3rd year.

Notes:

1. Those students who may need extra help in English (based on the language proficiency test) will be compulsorily assigned the English Proficiency Course (EPC) of 4 credits as SEC1 under the SEC category. Such students will have to complete only 1 more SEC of 4 credits.
2. Under the AEC category, students must complete one Hindi 4-credit course (at the appropriate diagnostic level) and one English for Academic Purposes 4-credit course.
3. Students may fulfil the mandatory requirement of the EIC 4-credit course in either semester 3 through offline classroom mode or by completing online courses on the SWAYAM portal, such as SWAYAM or MOOCs. This credit requirement may be completed by the end of the 4th semester.
4. Students may earn a minor according to the criteria mentioned in 5(a) by choosing courses from either DSC / DSE, worth 24 credits for a 3-year degree and 32 credits for a 4-year degree.
5. The Dual Major students will have to identify two disciplines A and B and complete a minimum of 40% credits from the second major discipline for the 3-year/4-year UG degree to be awarded a double major. For example, for fulfilling the requirements of the second major a student must complete a minimum of 24 credits for a 3-year and 32 credits for a 4-year UG degree. The student may complete the requirement of minor from any other discipline other than the A and B.
6. For the **Bachelor's Degree (Hons) (in Dual major)**, the student will be required to do 3 seminar papers or 3 DSEs worth 12 credits in the fourth year from either discipline A or B.
7. For the **Bachelor's degree with Research (in Dual major)**, the student will be required to submit a dissertation worth 12 credits in one of the disciplines, i.e. A or B.

6. Eligibility for the UG Programmes

Senior Secondary School Leaving Certificate or Higher Secondary (12th Grade) Certificate obtained after successful completion of Grade 12 or equivalent stage of education corresponding to Level-4.

7. Duration of the Programme

- i. The duration of the UG programme is 4 years or 8 semesters. Students who wish to pursue a 3-year undergraduate programme will be permitted to exit after completing the third year. If a student wishes to leave after completing the first or second year, they will be awarded a UG Certificate or UG Diploma, respectively, provided they have secured the prescribed number of credits (as listed in Table 4). Students who exit with a UG certificate or UG diploma are permitted to re-enter within three years and complete the degree programme. The provisions

- of Multiple Entry Multiple Exit as approved by the University, shall be applicable.
- ii. Students may be permitted to take a break from their studies during the period of study, but the total duration for completing the programme **shall not exceed 7 years**.

8. Outcomes-Based Approach to Higher Education

The National Higher Education Qualifications Framework (NHEQF) envisages that students must possess the quality and characteristics of the graduate of a programme of study, including learning outcomes relating to the disciplinary area(s) in the chosen field(s) of learning and generic learning outcomes that are expected to be acquired by a graduate on completion of the programme(s) of study.

The graduate attributes encompass capabilities that help broaden the current knowledge base and skills, gain and apply new knowledge and skills, undertake future studies independently, excel in a chosen career, and play a constructive role as a responsible citizen in society. Graduate attributes are fostered through meaningful learning experiences made available through the curriculum and learning experiences, as well as the total college/university experience, and a process of critical and reflective thinking.

Graduate attributes include learning outcomes that are specific to disciplinary areas relating to the chosen field(s) of learning within broad multidisciplinary/interdisciplinary/ transdisciplinary contexts, as well as generic learning outcomes that are applicable to graduates of all programmes of study.

9. Other Activities:

This component will include participation in activities related to National Service Scheme (NSS), National Cadet Corps (NCC), adult education/literacy initiatives, mentoring school students, and other similar activities.

10. Pedagogical approaches

The *Learning Outcomes-Based Approach* to curriculum planning and transaction requires that the pedagogical approaches are oriented towards enabling students to attain the defined learning outcomes relating to the courses within a programme. The outcome-based approach, particularly in the context of undergraduate studies, requires a significant shift from teacher-centric to learner-centric pedagogies, and from passive to active/participatory pedagogies. Every programme of study lends itself to the well-structured and sequenced acquisition of knowledge and skills. Practical skills, including an appreciation of the connection between theory and practice, will constitute a crucial aspect of the teaching-learning process. Teaching methods, guided by such a framework, may include lectures supported by tutorial work; practicum and field-based learning; the use of prescribed textbooks and e-learning resources and other self-study materials; field-based learning/project, open-ended project work, some of which may be team-based; activities designed to promote the development of generic/transferable and subject-specific skills; and internship and visits to field sites, and industrial or other research facilities etc.

11. Transition of the Old Three-Year Programme to FYUGP

Since the students enrolled in the three three-year programmes have already passed out, the requirement of bridge courses for transition to FYUGP is not needed.

Additional recommendations:

1. Currently, we have 13 DSC in 3 years and 15 DSC in 4 years. According to the UGC Curriculum and Credit Framework for Undergraduate Programmes, the DSC requirement is 15 courses of 4 credits each over 3 years or 20 courses of 4 credits each over 4 years. The erstwhile DSEs of the disciplines may be considered for inclusion in the DSC category through the due process of approval from Statutory Bodies. The erstwhile elective courses may also be considered for meeting the requirement of courses under Minor or in the 7th or 8th semesters in place of a dissertation.
2. Although the Multidisciplinary Course (MD) category requires 9 credits, it has been capped at 8 credits for smooth pedagogical and curriculum design purposes. The already approved courses under the Generic Elective (GE) and Ability Enhancement Optional (AEO) may be included in the MD Course category, and a few courses may be added to this basket.
3. Logic and Reasoning and Quantitative methods courses under the AEO basket may be shifted to the SE course basket.
4. The *Bharatiya Knowledge System* (BKS) course may be included in the Value Added Courses (VAC) basket. **Under the VAC basket of courses, the students must complete one *Bharatiya Knowledge System* (BKS) course and one more 4-credit course.**
5. In addition to the criteria stipulated in 5 (a), the Minor shall include both core disciplinary courses and disciplinary electives from other programmes.
6. **For the award of a degree, the students would have earned 60 per cent of the credits from the discipline in which they major, and these credits may be earned from any basket of the courses provided such courses are offered by the major discipline.**
7. Skill enhancement courses (SEC) may include the existing passed courses (IT Networking Fundamentals, Introduction to Cybersecurity, Logic and Reasoning, EPC and its equivalent Hindi Course, etc.). This basket requires additional courses, and the SSH programme committee may propose more courses under this category.
8. The Programme Committees may also identify SWAYAM / MOOC courses under various categories and propose them for consideration by the Statutory Bodies.