RED001

ULAB
UNIVERSITY OF THE FUTURE

COURSE CATALOGUE

Undergraduate Program

Welcome to the Semester Course Catalogue

Dear Students,

We are pleased to present the official Course Catalogue, which will serve as a comprehensive resource designed to support you in navigating your academic journey. Here, you will find detailed descriptions of each course offered this semester, which includes all forms of essential information.

The Course Catalogue is a vital tool in planning your academic path and ensuring you meet program requirements effectively. Each course listing has been carefully structured to provide you with the insight you need to make informed decisions regarding your registration and course selection. We encourage you to explore the catalogue thoroughly, taking time to review courses that align with your academic and career goals, as well as those that may broaden your knowledge and skills beyond your primary field of study.

Our goal is to make this resource as clear and accessible as possible, serving as a guide to help you achieve success throughout your academic pursuits. Should you have any questions or need further assistance, please do not hesitate to reach out to your respective departments.

We look forward to supporting your growth and accomplishments this semester.

Contents

Welcome to the Semester Course Catalogue **2**
GENERAL EDUCATION PROGRAM **5**
Introduction to the Program 5
Course Listing 5
Minor in Sustainable Development Studies 11
BACHELOR OF BUSINESS ADMINISTRATION **13**
Introduction to the Program 13
Vision 13
Mission 13
Program Education Objective (PEO) 13
Degree Requirements 14
Course Catalogue 15
Major Electives (Concentration) 15
Term (4 months) wise 4-Year Course Distribution 19
BACHELOR OF ARTS IN ENGLISH AND HUMANITIES **21**
Introduction to the Program 21
Why Study at DEH 21
Vision 21
Mission 21
Objectives of the Program 22
Degree Requirements 22
Course Catalogue 23
Minor/Optional Courses 26
Dissertation/Internship 27
4-Year Course Distribution 27
BACHELOR OF SOCIAL SCIENCE IN MEDIA STUDIES & JOURNALISM **32**
Introduction to the Program 32
Vision 32
Mission 32
Objective of the Program 33
Degree Requirements 33
Course Catalogue 33
Minor Courses 36
Internship/Project 37
Apprenticeship Programs 40
Outreach Programs 41
Curriculum Integration Program 42
BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING **43**
Introduction to the Program 43
Vision 43
Mission 43
Objectives of the Program 43
Degree Requirements 44
General Education (GED) Courses 44
Course Catalogue 45

Minor/Optional....51
Capstone Project....51
BACHELOR OF SCIENCE IN ELECTRICAL AND ELECTRONIC ENGINEERING....55
Introduction to the Program....55
Vision....55
Mission....55
Goal of the Program....55
Degree Requirements....56
General Education (GED) Courses....56
Course Catalogue....57
Optional/Minor....62
Final Year Capstone Project....63
বাংলা ভাষা ও সাহিত্য বিভাগ....৬৬
বিভাগ সম্পর্কে....৬৬
কেন বাংলা পড়া প্রয়োজন....৬৬
ডিগ্রির জন্য প্রয়োজনীয়তা....৬৬
কোর্স বিভাজন....৬৬
কোর্স ক্যাটালগ....৬৭
মাইনর কোর্সের তালিকা....৭১
সৃজনশীল ও সহ-শিক্ষাক্রম....৭১
BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE AND SUSTAINABILITY....72
Introduction to the Program....72
Vision....72
Mission....72
Program Education Objective (PEO)....72
Degree Requirements....73
Course Catalogue....73
Major Electives (Concentration)....74
Minor in Sustainable Development....75

GENERAL EDUCATION PROGRAM

Introduction to the Program

The General Education (GED) program forms the very foundation of the liberal arts curriculum at the University. It serves two main purposes:

Provide students a number of basic subjects by way of building the intellectual foundations and skills absolutely necessary for both any tertiary level education, and especially for a liberal arts perspective.

Offer students' exposure to courses not offered by their respective departments, but courses that are vital both to a deepening and broadening their liberal arts perspective.

The General Education (GED) Courses are offered both through the Program and also through existing departments. These courses are offered into three categories: General Education Foundation (GEF) Courses, ULAB Core Courses (UCC) and General Education Elective (GED) Courses. The latter also serve as "Optional" choices for advanced students.

All the courses listed under the above-mentioned categories are already built into every undergraduate degree program and clearly indicated on their respective syllabi. Students following any given degree program will be automatically directed towards the required GEF, UCC and GED elective/optional and Minor, that they must take or choose from.

The GEF and UCC courses remain fixed over extended periods of time, and are offered in a fairly fixed sequence, so students following their departmental syllabi can know which GED courses to take when without reference to any other directions.

The GED elective, and/or optional courses may vary quite a bit from term to term, and students are advised to consult the listings for each term to know what they must take or may choose from.

Course Listing

A. General Education Foundation Courses (GEF) (2 courses/6 credits)

Course Code	UNESCO Code	Course Title	Credits
GEF 1101	0231-000-1101	Academic English I	3
GEF 1201	0231-000-1201	Academic English II	3
GEF 1202	0231-000-1202	Advanced English Writing Skills (for MSJ only)	3
GEF 1203	0231-000-1203	Advanced Bangla Writing Skills (for MSJ only)	3
GEF 2101	0542-000-2101	Introduction to Data and Statistics (for MSJ only)	3

Note: Placement in English courses will be based on diagnostic tests. Anyone placing out of courses may take an Elective and/or Optional course in lieu of the ULAB Core Courses.

B. ULAB Core Courses (UCC) (3 courses/9 credits)

Course Code	UNESCO Code	Course Title	Credits
UCC1101	0232-000-1101	Bangla Bhasha O Sahitya	3
UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	3
UCC1202	0223-000-1202	Ethics	3
GED2159/GED218	0223-000-2159	Professional Ethics (for the students of the School of Science and Engineering)	3

C. GED Electives/Optional (3 courses/9 credits)

Students have to choose any three courses (one from each tier) from the Elective and/or Optional courses listed below (courses below in each set are a sample of the offerings and not a complete listing; offerings will be changed from time to time and students have to choose from what is on offer at a given time).

If a student's 4-year distribution chart indicates that in his/her current term, s/he is required to take a "GED Elective" or an "Optional," then s/he may choose a suitable course from the list below that does not conflict with his/her other required courses.

Tier 1: Arts and Humanities

Course Code	UNESCO Code	Course Title	Credits
GED2159/ GED218	0223-000-2159	Professional Ethics (for the students of the School of Science and Engineering)	3
HUM2101	1032-000-2101	Art of Self Defense	3
HUM2102	0231-000-2102	Foreign Language: German	3
HUM2103	0231-000-2103	Foreign Language: Chinese	3
HUM2104	0222-000-2104	Cultural Heritage of Bangladesh	3
HUM2105	0314-000-2105	Bangladesh Studies	3
HUM2106	0232-000-2106	History of Bangla Literature	3
HUM2107	0222-000-2107	History of Pre-Modern South Asia	3
HUM2108	0215-000-2108	Introduction to Dance	3
HUM2109	0215-000-2109	Introduction to Drama	3
HUM2110	0215-000-2110	Introduction to Music	3
HUM2111	0223-000-2111	Introduction to Philosophy I	3
HUM2112	0211-000-2112	Introduction to Photography	3
HUM2113	0232-000-2113	Introduction to the History of Linguistics	3
HUM2114	0731-000-2114	World Art and Architecture	3
HUM2115	0314-000-2115	World Civilization	3
HUM2116	0213-000-2116	Current and Contemporary Art Forum	3
HUM2117	0231-000-2117	Foreign Language: France	3
HUM2118	0232-000-2118	"Introduction to Bangla Language and Literature"	3
HUM2159	0223-000-2159	Professional Ethics (for the students of the Engineering School)	3
HUM2201	0213-000-2201	Film History	3
HUM2202	0222-000-2202	Folklore Studies	3
HUM2203	0222-000 -2203	History of Empire	3

HUM2204	0222-000 -2204	History of Modern South Asia	3
HUM2205	0215-000-2205	Introduction to Performing Arts	3
HUM2206	0223-000-2206	Introduction to Philosophy II	3
HUM2207	0213-000-2207	Islamic Art and Architecture	3
HUM2208	0232-000-2208	Literature and Human Rights	3
HUM2209	0232-000-2209	Literature of Bangladesh	3
HUM2210	0223-000-2210	Logic	3
HUM2211	0232-000-2211	Modern Bangla Literature I	3
HUM2212	0230-000-2212	Origin and Development of Bangla Language	3
HUM2213	0230-000-2213	Peoples, Culture and Language	3
HUM2214	0232-000-2214	Kazi Nazrul Islam: Life and Works	3
HUM2215	0232-000-2215	Rabindranath Tagore: Life and Works	3
HUM3101	0211-000-3101	Aesthetics of Film	3
HUM3102	0232-000-3102	Bestseller Fiction	3
HUM3103	0232-000-3103	Capitalism and Lyric Poetry: Charles Baudelaire	3
HUM3104	0232-000-3104	Comparative Literature: Bangladesh and West Bengal	3
HUM3105	0223-000-3105	Eastern Philosophy and Religion	3
HUM3201	0110-000-3201	Education and Knowledge: South Asian Perspectives	3
HUM3202	0223-000-3202	Ethics from Aristotle to Alain Badiou	3
HUM3203	0222-000-3203	History, Memory and Amnesia	3
HUM3204	0213-000-3204	Imagining the Global Eighteenth Century Art	3
HUM3205	0313-000-3205	Introduction to Psychoanalysis: Freud and Lacan	3
HUM3206	0213-000-3206	South Asian Art and Architecture	3
HUM3207	0321-000-3207	Bangla for Print Media	3
HUM3208	0321-000-3208	Bangla for Electronic Media	3
HUM4101	0313-000-4101	Jacques Lacan: Ethics of Psychoanalysis	3
HUM4102	0232-000-4102	Modern Bangla Literature II	3
HUM4103	0223-000-4103	Objectivity and its Loss	3
HUM4104	0232-000-4104	Origin and Development of Bangla Prose	3
HUM4105	0232-000-4105	Tragedy and Trauerspiel: Theater after Walter Benjamin	3

HUM4106	0222-000-4106	Writing History: Approaches and Methods	3
HUM4107	0222-000-4107	The Visual Culture of South Asian Women	3
HUM4108	0211-000-4108	Introduction to Animation	3

Tier 2: Social Sciences

Course Code	UNESCO Code	Course Title	Credits
SSC2141	0314-000-2141	Anthropology and Global Social Problems	3
SSC2142	0311-000-2142	Development Studies	3
SSC2143	0311-000-2143	Economic Development and Social Change	3
SSC2144	0712-000-2144	Environmental Policy and Law	3
SSC2145	0311-000-2145	Global Political Economy	3
SSC2146	0388-000-2146	Globalization	3
SSC2147	0312-000-2147	International Law	3
SSC2148	0312-000-2148	International Trade	3
SSC2149	0314-000 -2149	Introduction to Anthropology	3
SSC2150	0222-000-2150	Introduction to Archaeology	3
SSC2151	0712-000-2151	Introduction to Climate Change	3
SSC2152	0731-000-2152	Introduction to Community Development	3
SSC2153	0322-000-2153	Introduction to Museology	3
SSC2154	0312-000-2154	Introduction to Political Thought	3
SSC2155	0312-000-2155	Introduction to Public Policy and Governance	3
SSC2156	0314-000-2156	Introduction to Sociology	3
SSC2157	0731-000-2157	Introduction to Sustainable Development	3
SSC2158	0311-000-2158	Principles of Economics	3
SSC2160	0222-000-2160	Urbanization and Ancient Cities	3
SSC2241	0222-000-2241	Community Archaeology	3
SSC2242	0312-000-2242	Development of Social and Political Theories	3
SSC2243	0521-000-2243	Environment and Sustainability (for the students of the Engineering School)	3
SSC2244	0222-000-2244	Ethnoarchaeology	3
SSC2245	0222-000-2245	Experiencing the Past	3
SSC2246	0900-000-2246	Health and Society	3

SSC2247	0712-000-2247	Human Dimensions in Environmental Management	3
SSC2249	0312-000-2249	International Human Rights and Justice	3
SSC2250	0312-000-2250	International Relations	3
SSC2251	0310-000-2251	Introduction to Social Studies	3
SSC2252	0310-000-2252	Living with Conflict	3
SSC2253	0319-000-2253	Movements of Indigenous Community	3
SSC2254	0522-000-2254	Natural Hazards and Disaster Management	3
SSC2255	0314-000-2255	Population Sciences and Demography	3
SSC2256	0319-000-2256	Principles of Cultural Anthropology	3
SSC2257	0311-000-2257	Principles of Economics I (Micro)	3
SSC2258	0300-000-2258	Science, Perceptions and Reality	3
SSC2259	0300-000-2259	Social Impact Assessment	3
SSC2260	0222-000-2260	Who Owns the Past	3
SSC3141	0314-000-3141	Body, Society and Culture	3
SSC3142	0314-000-3142	Cultural Resource Management	3
SSC3143	0211-000-3143	Cultural Studies: Film, Media, Literature	3
SSC3144	0612-000-3144	Cyberspace and Crime	3
SSC3145	0188-000-3145	Education, Society and Development	3
SSC3146	0712-000-3146	Environmental Impact Assessment	3
SSC3147	0712-000-3147	Environmental Information System	3
SSC3148	0314-000-3148	Gender and Society	3
SSC3149	0314-000-3149	Globalization and Social Conflict	3
SSC3150	0314-000-3150	Grassroots, Community and Development	3
SSC3151	0312-000-3151	History and Theory of International Relations	3
SSC3152	0313-000-3152	Mind, Emotions and Self	3
SSC3153	0312-000-3153	Political Ecology	3
SSC3154	0312-000-3154	Power, Politics and State	3
SSC3155	1031-000-3155	Terrorism and Security	3
SSC3156	0222-000-3156	Underwater Archaeology	3
SSC3157	0311-000-3157	Principles of Economics II (Macro)	3

SSC3241	0222-000-3241	Archaeological Ethics and Practice	3
SSC3242	0499-000-3242	Business Ethics and Leadership	3
SSC3243	0499-000-3243	Corporate Sustainability Management	3
SSC3244	0314-000-3244	Crime and Criminology	3
SSC3245	0413-000-3245	Entrepreneurship	3
SSC3246	0314-000-3246	Ethnic Identity and Nationalism	3
SSC3247	0222-000-3247	Islam and Islamism: A South Asian Perspective	3
SSC3248	0311000-3248	Marx and the Critique of Political Economy	3
SSC3249	0923-000-3249	Social Inequality and Diversity	3
SSC3250	0532-000-3250	World Geography	3
SSC3251	0314-000-3251	Classical Sociological Theory	3
SSC3252	0314-000-3252	Critical Thinking and Logic	3
SSC3253	0321-000-3253	Reading Media Text	3
SSC3254	0321-000-3254	History of Bangladesh Media	3
SSC4141	0313-000-4141	Frantz Fanon and Colonial Psychiatry	3
SSC4142	0314-000-4142	Methods of Social Research	3
SSC4143	0312-000-4143	Global Migration and Citizenship	3
SSC4144	0221-000-4144	Religion	3
SSC4145	0314-000-4145	Sexual Difference: Feminism and Psychoanalysis	3
SSC4146	0314-000-4146	Women Studies	3
SSC4147	0314-000-4147	Development Communication	3
SSC4148	0223-000-4148	Ethics in Media and Communication	3

Tier 3: Natural Sciences

Course Code	UNESCO Code	Course Title	Credits
NSC2181	0314-000-2181	Evolutionary Theory and Human Behavior	3
NSC2182	0721-000-2182	Food and Nutrition	3
NSC2183	0313-000-2183	Introduction to Psychology	3
NSC2184	0712-000-2184	Renewable Energy	3
NSC2185	0811-000-2185	Sustainable Agriculture	3
NSC2248	0417-000-2248	Industrial Management (for the students of the Engineering School)	3

NSC2281	0222-000-2281	Archaeological Sciences	3
NSC2282	0522-000-2282	Biodiversity and Nature Conservation	3
NSC2283	0521-000-2283	Environmental Science	3
NSC2284	0500-000-2284	History and Methods of Science	3
NSC2285	0912-000-2285	Human Biology: Anatomy and Physiology	3
NSC3181	0222-000-3181	Archaeological Geophysics	3
NSC3182	0500-000-3182	Introduction to Science Studies	3
NSC3183	0500-000-3183	Philosophy of Science	3
NSC3184	0532-000-3184	Science of Climate Change	3
NSC3185	0700-000-3185	Technology and Development	3
NSC3281	0222-000-3281	Remote Sensing in Archaeology	3
NSC3282	0912-000-3282	Public Health and Epidemiology	3
NSC3283	0313-000-3283	Introduction to Mind and Behavior	3
NSC4181	0511-000-4181	Genetics	3
NSC4182	0541-000-4182	Mathematics	3

NOTE: Not all courses are offered every term. The university reserves the right to add or remove courses over time and upon the approval of the UGC. The General Education Department will publish a notice before each Pre-Registration of the offered courses. It is the responsibility of students to read this notice every term to sign for their desired courses.

Minor in Sustainable Development Studies

Introduction

Sustainability is a growing field, with job opportunities in the natural sciences, social sciences, and the humanities because it is believed that 'Sustainable Development' will meet the needs of the present without compromising the ability of future generations to meet their own needs. Sustainable Development is about thinking and working in a holistic and integrated way to meet the three pillars of development – social, environmental, and economic. It is expected that the sustainability professionals will promote environmental protection, social responsibility, and profitability. Since 2018, CSD is offering its up-to-date Minor in "Sustainable Development Studies" to the students of ULAB. The minor consists of 8 diverse courses led by a precise curriculum and expert faculty members. Courses on Sustainable Development, Climate Change, Biodiversity and Nature Conservation, and Organic Farming, have not only been covering taught content knowledge, but also practical orientation on action research, social development, real life skill generation, and exposure to national and international organizations. The following section will guide you through all the basic information you need to acquire before you choose SDS as your minor at ULAB. After completion of this minor program, students will be able to develop required capacities for designing development projects, improve their research and management skills, receive opportunities to expand horizons of cross-cultural and intercultural understanding, and build on entrepreneurial, innovative business and marketing skills. The academic program would help students to think critically and analytically, thereby to make well-informed contributions regarding the sustainable development issues as well as in job field.

Course Descriptions

To get a minor in SDS, students need to take five courses (15 Credits), with 2 compulsory courses and 3 Elective courses out of 6. The following chart shows specific distribution of the courses that SDS Minor offers:

Compulsory

SSC2157	0731-000-2157	Introduction to Sustainable Development
SSC4142	0314-000-4142	Methods of Social Research

Any three from

SSC2151	0712-000-2151	Introduction to Climate Change
NSC2185	0811-000-2185	Sustainable Agriculture
NSC2282	0522-000-2282	Biodiversity and Nature Conservation
NSC2283	0521-000-2283	Environmental Science
SSC3150	0314-000-3150	Grassroots, Community and Development

Eligibility

Students from any department can do a Minor in Sustainable Development. To join the courses in SDS Minor, students will have to be currently enrolled at ULAB and they have to complete 69 Credits of their bachelor degree to take minors.

BACHELOR OF BUSINESS ADMINISTRATION

Introduction to the Program

The BBA program inspires students to learn and practice the concepts, principles, and methods of contemporary business to become industry leaders. Our aim is to strike a balance between liberal arts and business courses, realizing the relevance of each. ULAB's BBA students are distinguished by their in-depth knowledge of the discipline, cutting edge soft and hard skills, and a wider perspective towards the world that is enabled by our liberal arts foundation. As 21st century global citizens, they achieve the highest skills in the field of business, while at the same time, they attain an appreciation of the fundamentals of the social environment within which all business decisions are made.

Vision

We will set the standard for business education in Bangladesh in terms of quality, employability, and social impact of graduates. We will also be at the forefront of knowledge generation on business in the Bangladesh context creating a positive impact on industry and society.

Mission

Our mission is to ensure continuous growth of our students by imparting the highest standard of business education, critical thinking, leadership skills, and a commitment to excellence. We will continuously create and disseminate new knowledge through research and education that develops the practice of business in Bangladesh and enhances its relationship with society.

Program Education Objective (PEO)

PEO 1: To provide a strong foundation in the arts and sciences through which students gain an appreciation and understanding of the humanities, behavioral sciences, social sciences, fine arts and natural sciences.

PEO 2: To offer the fundamental concepts and theory of business practice and specialized study in business discipline.

PEO 3: To develop effective oral and written communication skills.

PEO 4: To instigate the ability to think critically, analyze problems quantitatively, and use computer technology to solve business problems.

PEO 5: To grow an awareness and comprehending of the global context in which business operates.

PEO 6: To advance understanding of the ethical and social issues that is a concern to the business community.

PEO 7: To prepare students to become responsible and contributing members of the community at large.

In the BBA Program each student must take a total of 40 academic courses and four Essential Skills modules to fulfil the graduation requirements. The total 120 credits required are distributed in coursework, essential skill modules, and an internship at the end. Of the 27 courses to major in Business Administration, a student needs to complete 20 Core courses, 6 Major Elective (Study Concentration) courses, and a full term of internship or project work. Apart from the business courses, all students are required to take 2 General Education Foundation, 3 ULAB Core, 3 General Education Elective and 5 elective courses from the chosen minor area (see details below).

Degree Requirements

Course requirements for the BBA degree program are shown below. Additionally, students should read Section (J) of General Academic Policy in this Handbook for the complete set of requirements for earning a Bachelor's degree.

Categories	No. of Courses	Credits
General Education Foundation (GEF) Courses	2	3 × 2 = 6
ULAB Core Courses (UCC)	3	3 x 3 = 9
Essential Skills (ESK)	4	Non-Credit
General Education (GED) Elective Courses	3	3 × 3 = 9
Major Core Courses	20	3 × 20 = 60
Major Elective (Concentration) Courses	6	3 × 6 = 18
Minor/Optional Courses	5	3 × 5 = 15
Project / Internship	1	3 × 1 = 3
TOTAL	**44**	**120**

Note: Tuition and graduation requirements are computed on the basis of courses rather than credits.

General Education (GED) Courses

Course Category	No of Courses	Course Code	UNESCO Code	Course Title	Credits
General Education Foundation Courses (GEF)	2	GEF 1101	0231-000-1101	Academic English I	3x2 = 6
		GEF 1201	0231-000-1201	Academic English II	
Essential Skills (ESK)	4	ESK 1110	0031-000-1110	Study Skills	Non-Credit
		ESK 1111	0031-000-1111	Healthy Life Skills	
		ESK 1112	0031-000-1112	Social Skills	
		ESK 1113	0031-000-1113	Professional Skills	
ULAB Core Courses (UCC)	3	UCC 1101	0232-000-1101	Bangla Bhasha O Sahitya	3X3 = 9
		UCC 1201	0222-000-1201	History of the Emergence of Independent Bangladesh	
		UCC 1202	0223-000-1202	Ethics	
General Education (GED) Elective/ Optional Courses (GED) one from each tier (Tier I, Tier II and Tier III)	3	Tier I		Arts and Humanities	3x3 = 9
		Tier II		Social Sciences	
		Tier III		Natural Sciences	

GED Elective offerings (Tier I, Tier II and Tier III) will vary from term to term. The three electives will be spread

over terms 4, 5 and 6. Students will have to choose from the courses offered in a particular term. (See details in General Education Program section)

Course Catalogue

Major Core Courses (20 courses / 60 credits)

Course Code	UNESCO Code	Course Title
MAT0099	0541-011-0099	Remedial Math
BUS1101	0410-011-1101	Introduction to Business
BUS1201	0488-011-1201	Business Mathematics
BUS1301	0411-011-1301	Financial Accounting
BUS1302	0488-011-1302	Micro Economics
BUS2101	0488-011-2101	Macro Economics
BUS2102	0488-011-2102	Business Statistics
BUS2103	0413-011-2103	Principles of Management
BUS2201	0488-011-2201	Quantitative Analysis for Business
BUS2202	0488-011-2202	Business Communication
BUS2203	0488-011-2203	Legal Environment of Business
BUS2301	0414-011-2301	Marketing Management
BUS2302	0413-011-2302	Organizational Behavior
BUS2303	0412-011-2303	Financial Management
BUS3101	0413-011-3101	Human Resource Management
BUS3102	0413-011-3102	Entrepreneurship
BUS3103	0413-011-3103	International Business
BUS3104	0411-011-3104	Managerial Accounting
BUS3201	0488-011-3201	Research Methodology
BUS3202	0413-011-3202	Operations Management
BUS4999	0413-011-4999	Strategic Management
BUS4399	0417-011-4399	Project
BUS4398	0417-011-4398	Internship

Major Electives (Concentration)

Students are required to choose six courses from any one of following nine concentration areas. Students will be required to declare their concentration area of choice in their 7th term. ULAB will offer concentration areas based on student demand and faculty academic resources. However, no course will be offered if there are fewer than twelve registered students.

Accounting

Type	Course Code	UNESCO Code	Course Title
Compulsory	BUS4111	0411-011-4111	Cost Accounting
	BUS4112	0411-011-4112	Accounting Information System
	BUS4113	0411-011-4113	Intermediate Accounting I
	BUS4114	0411-011-4114	Intermediate Accounting II
Any Two from	BUS4121	0411-011-4121	Assurance and Auditing
	BUS4122	0411-011-4122	Bank & Insurance Accounting
	BUS4123	0411-011-4123	Taxation
	BUS4124	0411-011-4124	International Financial Reporting Standards

Finance

Type	Course Code	UNESCO Code	Course Title
Compulsory	BUS4131	0412-011-4131	Corporate Finance
	BUS4132	0412-011-4132	Financial Market and institutions
	BUS4133	0412-011-4133	Security Analysis and Portfolio Management
	BUS4134	0412-011-4134	International Financial Management
Any Two from	BUS4141	0412-011-4141	Bank Management
	BUS4142	0412-011-4142	Project Finance
	BUS4143	0412-011-4143	Lease Finance
	BUS4144	0412-011-4144	Financial Derivatives
	BUS4145	0412-011-4145	Venture Capital Management

Human Resource Management

Type	Course Code	UNESCO Code	Course Title
Compulsory	BUS4151	0413-011-4151	Managerial Skills Development
	BUS4152	0413-011-4152	Industrial and Employee Relations
	BUS4153	0413-011-4153	Human Resource Planning
	BUS4154	0413-011-4154	Training and Development

Any Two from	BUS4161	0413-011-4161	Industrial Psychology
	BUS4162	0413-011-4162	Strategic Human Resource Management
	BUS4163	0413-011-4163	Change Management
	BUS4164	0413-011-4164	Compensation Management

Marketing

Type	Course Code	UNESCO Code	Course Title
Compulsory	BUS4171	0414-011-4171	Consumer Behavior
	BUS4172	0414-011-4172	Service Marketing
	BUS4173	0414-011-4173	Integrated Marketing Communication
	BUS4174	0414-011-4174	Digital Marketing
Any Two from	BUS4181	0414-011-4181	Strategic Marketing
	BUS4182	0414-011-4182	Marketing Research
	BUS4183	0414-011-4183	Brand Management
	BUS4184	0414-011-4184	Personal Selling & Sales Force Management
	BUS4185	0414-011-4185	Supply Chain Management

Supply Chain Management

Type	Course Code	UNESCO Code	Course Title
Compulsory	SCM4501	0410-011-4501	Principles of Supply Chain Management
	SCM4502	0410-011-4502	Logistics Management
	SCM4503	0410-011-4503	Procurement Management
	SCM4504	0410-011-4504	Project Management
Any Two from	SCM4505	0410-011-4505	"Building and Managing Sustainable and Resilient Supply Chain"
	SCM4506	0410-011-4506	Accounting and Finance for Supply Chain Management
	SCM4507	0410-011-4507	Global Supply Chain Management
	SCM4508	0410-011-4508	Total Quality Management and Process Improvement
	SCM4509	0410-011-4509	Supply Chain Analytics
	SCM4510	0410-011-4510	Maritime Logistics

Minor in Business (For students of other departments) [5 Courses = 15 Credits]

Type	Course Code	UNESCO Code	Existing Title
Compulsory	BUS1101	0410-011-1101	Introduction to Business
	BUS2103	0413-011-2103	Principles of Management
	BUS1301	0411-011-1301	Financial Accounting
Any One from	BUS2102	0488-011-2102	Business Statistics
	BUS1302	0488-011-1302	Micro Economics
	BUS2302	0413-011-2302	Organizational Behaviour
Any One from	BUS2301	0414-011-2301	Marketing Management
	BUS2203	0488-011-2203	Legal Environment of Business
	BUS3101	0413-011-3101	Human Resource Management

Minor in Economics (To be offered by USB) [5 Courses = 15 Credits]

For BBA Major Students

Type	Course Code	UNESCO Code	Existing Title
Compulsory	ECO4602	0311-011-4602	Intermediate Economics
Any Four	ECO4603	0311-011-4603	Money and Banking
	ECO4604	0311-011-4604	International Trade
	ECO4605	0311-011-4605	Environmental Economics
	ECO4606	0311-011-4606	Development Economics
	ECO4607	0311-011-4607	Labor Economics
	ECO4608	0311-011-4608	Health Economics

For Students of Programs other than BBA

Type	Code	UNESCO Code	Existing Title
Compulsory	ECO4601	0311-011-4601	Principles of Economics
Elective (Any Two)	ECO4602	0311-011-4602	Intermediate Economics
	ECO4603	0311-011-4603	Money and Banking
	ECO4604	0311-011-4604	International Trade
	ECO4605	0311-011-4605	Environmental Economics
	ECO4606	0311-011-4606	Development Economics
	ECO4607	0311-011-4607	Labor Economics
	ECO4608	0311-011-4608	Health Economics

Term (4 months) wise 4-Year Course Distribution

Term	Course Code	UNESCO Code	Course Title	Credits
Term 1	BUS1101	0410-011-1101	Introduction to Business	3
	GEF1101/ ELL0099	0231-000-1101 /0231-000-0099	Academic English I/Remedial English	3
	UCC1101	0232-000-1101	Bangla Bhasha O Shahitya	3
	MAT0099	0541-011-0099	Remedial Math/Basic Math	3
	ESK1110	0031-000-1110	Study Skills	
Term 2	BUS1201	0488-011-1201	Business Mathematics	3
	GEF1201	0231-000-1201	Academic English II	3
	UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	3
	ESK1111	0031-000-1111	Healthy Life Skills	
Term 3	BUS1301	0411-011-1301	Financial Accounting	3
	BUS1302	0488-011-1302	Micro Economics	3
	UCC 1202	0223-000-1202	Ethics	3
	ESK1112	0031-000-1112	Social Skills	
Term 4	BUS2101	0488-011-2101	Macro Economics	3
	BUS2102	0488-011-2102	Business Statistics	3
	BUS2103	0413-011-2103	Principles of Management	3
	-		GED Tier 1 Arts and Humanities (HUM)	3
	ESK1113	0031-000-1113	Professional Skills	
Term 5	BUS2201	0488-11-2201	Quantitative Analysis for Business	3
	BUS2202	0488-011-2202	Business Communication	3
	BUS2203	0488-011-2203	Legal Environment of Business	3
	-		GED Tier 2 Social Sciences (SSC)	3
Term 6	BUS2301	0413-011-2301	Marketing Management	3
	BUS2302	0413-011-2302	Organizational Behavior	3
	BUS2303	0412-011-2303	Financial Management	3
	-		GED Tier 3 Natural Sciences (NSC)	3

Term 7	BUS 3101	0413-011-3101	Human Resource Management	3
	BUS 3102	0413-011-3102	Entrepreneurship	3
	BUS 3103	0413-011-3103	International Business	3
	BUS3104	0411-011-3104	Managerial Accounting	3
Term 8	BUS3202	0413-011-3202	Operations Management	3
	-		Major Elective-1	3
	-		Optional/Minor-1	3
	-		Optional/Minor-2	3
Term 9	BUS 3201	0488-011-3201	Research Methodology	3
	-		Major Elective-2	3
	-		Optional/Minor-3	3
	-		Optional/Minor-4	3
Term 10	-		Major Elective-3	3
	-		Major Elective - 4	3
	-		Optional/Minor-5	3
Term 11	-		Major Elective-5	3
	-		Major Elective-6	3
	BUS4999	0413-011-4999	Strategic Management	3
Term 12	BUS4398/ BUS4399	0417-011-4398/ 0417-011-4398	Project / Internship	3

BACHELOR OF ARTS IN ENGLISH AND HUMANITIES

Introduction to the Program

The BA in English and Humanities program is designed to give students a solid foundation for building critical and cultural awareness as well as to open unfamiliar worlds and exciting new ways of thinking about humanities. As an English Major, students will also learn communication and language skills that are applicable across disciplines. The focus areas involve critical reading, critical writing and critical thinking. The department tries to develop in students not only basic communication skills, but also other key areas necessary both for intellectual and professional advancement: humanistic content, analysis, argumentation, rhetoric and stylistics. These broad offerings to all students make the department one of the major nodal points in the University's Liberal Arts curriculum.

The Department's courses are not confined to traditional disciplinary boundaries, but are open to inter- and cross- disciplinary offerings. This dynamic approach allows students to develop skills and sensibilities vitally required by modern English language and literature teachers and by people across professional fields: communications and media, business and marketing, and so on.

The syllabus is designed with utmost care and aims at simultaneously improving the language skills of the students and deepening their knowledge of literature. The courses have been selected by comparing them with similar programs offered by outstanding universities at home and abroad, and are routinely updated. The aim in doing so has always been to bring it more into line with international developments in the field. While the literature courses are mainly following an established English canon, the language and linguistics courses have been refurbished with the latest ideas, theories and practices in the field. The literature courses, however, in their turn, are given a focus that interfaces Anglo-American culture with our own. The principle behind it is to make students see the integrative as well as the disintegrative aspects of different cultures, and to find out a way to a holistic understanding of literature and language in relation to our own society.

The highlights of the program include:

- Flexibility
- Wider choices
- Holistic learning
- Marketability

Why Study at DEH

Students of the Department of English and Humanities revel in reading and writing about language, literature and Culture. They learn to participate in life with a deeper understanding of how language operates in various formats. The interdisciplinary nature of the program allows DEH students to pair English courses with those from Sustainable Development, Media and Journalism, Business, Computer Science or General Education with focus on psychology, international relations and so on.

DEH is more than a knowledge base. It prepares you for life after your graduation; you acquire a set of applicable skills while attending various extra-curricular activities and study modules.

Vision

To become one of the leading English departments of the region by broadening knowledge and by instilling the required skill set in students using a humanist and liberal arts approach.

Mission

Consistent with the University's commitment to liberal arts, the Department of English and Humanities (DEH) seeks to:

- Employ an interdisciplinary approach to foster lifelong learning and critical thinking to make students knowledgeable and ethically engaged citizens, enabling them to respond creatively and flexibly to the challenges of a diverse and changing world. It equips students with the communicative and analytical skills needed for employment in both public and private sectors or for higher studies;
- Offer courses that survey different literary periods and genres through theoretical, philosophical, cultural, and pedagogical lenses to understand language, linguistic, and literary texts. The courses also focus on developing theoretical, philosophical, and intellectual abilities. There is an overall emphasis on pursuing new avenues of research.

Objectives of the Program

- To impart language skills and develop literary sensibilities so that graduates become intellectually competent and responsible citizens of the world
- To help students acquire the required professional skills and mindset that will be valuable for a wide range of careers in such fields as teaching, publishing, media, entrepreneurship, civil service, government and private sectors, as well as for higher studies.
- To provide appropriate academic and infrastructural support (class size, classrooms, resources, and technology) for better student retention, progress, and academic success
- To expose students to real-life work environments through apprenticeships/internships, in-house jobs, and mentorship programs
- To offer avenues for publication through the student magazine, MUSE, and the department's peer-reviewed journal, *Crossings*
- To support and facilitate faculty research and professional development, and encourage greater participation in professional activities

Degree Requirements

- Students in English and Humanities are enrolled in a 4-year bachelor's degree program.
- All courses are 3 credits. To graduate, students will have to complete 120 credits, or 41 courses in total.
- All students are required to complete 26 core courses from the list of courses.
- In addition to 26 courses, students must complete ENG 4297: Project/ENG 4298: Internship/ENG 4299: Dissertation/ENG 4208: Advanced Composition and Stylistics a 3credits course, as their last course.
- Tuition fees are determined on the basis of credits.
- Course requirements for the BA in English degree program are shown below. Additionally, students should read Section (J) of General Academic Policy in this Handbook for the complete set of requirements for earning a Bachelor's degree.

Categories	No. of Courses	Credits
General Education Courses (GED)	10	30
ESK	4	0
English Core Courses	22	66
Concentration Courses Literature and Cultural Studies/ Applied Linguistics and ELT	5	15
Minor Courses (BBA, CSE, MSJ, SD, SAS, BBS, Econ.)/ Optional courses (from all departments)	5	15
Dissertation/Internship/Advanced Stylistics and Composition	1	4
TOTAL	**47**	**130**

Note: Tuition and graduation requirements are computed on the basis of courses rather than credits.

General Education (GED) Courses

Course Category	No of Courses	Course Code	UNESCO Code	Course Title	Credits
Pre-Uni (based on admission test performance)	1	ELL0099	0231-000-0099	Remidial English	Non-credit
General Education Foundation Courses (GEF)	2	GEF1101	0231-000-1101	Academic English I	3x2 = 6
		GEF1201	0231-000-1201	Academic English II	
Essential Skills	4	ESK 1110	0031-000-1110	Study Skills	Non-Credit
		ESK1111	0031-000-1111	Healthy Life Skills	
		ESK1112	0031-000-1112	Social Skills	
		ESK1113	0031-000-1113	Professional Skills	
ULAB Core Courses	3	UCC1101	0232-000-1101	Bangla Bhasha O Sahitya	3X3 = 9
		UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	
		UCC1202	0223-000-1202	Ethics	
General Education (GED) Elective/ Optional Courses (GED) one from each tier (Tier I Tier II and Tier III)	3	Tier I		Arts and Humanities	3x3 = 9
		Tier II		Social Sciences	
		Tier III		Natural Sciences	

Course Catalogue

The following list shows both the Core Courses and Electives (i.e., Concentration Courses: i. Literature and Cultural Studies; ii. Applied Linguistics and TESOL; iii. Translation Studies; and iv. Creative Writing).

Major Core Courses (22 courses / 88 credits)

Course Code	UNESCO Code	Course Title	Credits
ENG1101	0232-013-1101	Introduction to Literary Genres	3
ENG1201	0232 -013-1201	Introduction to Literature I: Poetry and Drama	3
ENG1202	0232-013-1202	Introduction to Literature II: Fiction and Nonfiction	3
ENG1203	0232-013-1203	Phonetics and Phonology	3
ENG2101	0232-013-2101	Elizabethan and Jacobean Drama	3
ENG2102	0232-013-2102	Writing about Literature	3
ENG2103	0232-013 -2103	Morphology and Syntax	3
ENG2107	0232-013-2107	16th and 17th Century English Literature	3

ENG2201	0232-013-2201	Sociolinguistics	3
ENG2202	0232-013-2202	Restoration and Eighteenth Century Literature	3
ENG2203	0232-013-2203	Literary Criticism	3
ENG2204	0232-013-2204	Romantic Poetry	3
ENG2205	0232-013-2205	Semantics and Pragmatics	3
ENG2206	0232-013-2206	American Literature I	3
ENG3101	0232-013-3101	Victorian Literature	3
ENG3102	0232-013-3102	Psycholinguistics	3
ENG3103	0232-013-3103	Ancient Greek Literature	3
ENG3201	0232-013-3201	American Literature II	3
ENG3202	0232-013-3202	Modernism in Literature	3
ENG3203	0232-013-3203	Theories of Second Language Acquisition	3
ENG3204	0232-013-3204	Critical Theory	3
ENG4101	0232-013-4101	Research Methodology	3

List Of Elective (Concentration) Courses (5 Courses / 15 Credits)

Students can choose any five of the following courses from their field of concentration. These courses should be taken from the 6th term of their studies.

i. Electives For Concentration In Literature And Cultural Studies

Course Code	UNESCO Code	Course Title	Credit
ENG 1303	0232-013-1303	Old and Middle English Literature (Beowulf/Anglo-Saxon Poems/ Chaucer)	3
ENG 3104	0232-013-3104	Modern British Drama	3
ENG 3108	0232-013-3108	Cinema and Literature	3
ENG 3205	0232-013-3205	Postcolonial Theories and Literature	3
ENG 3206	0232-013-3206	African Writings in English	3
ENG 3207	0232-013-3207	Culture and Representations	3
ENG 3208	0232-013-3208	Epics of World Literature	3
ENG 3209	0232-013-3209	Studies in Popular Culture	3
ENG 3210	0232-013-3210	Modern Continental Literature	3
ENG 3304	0232-013-3304	South Asian Literature	3
ENG 4103	0232-013-4103	Digital Humanities	3
ENG 4104	0232-013-4104	Introduction to Cultural Studies	3

ENG 4105	0232-013-4105	Ecocriticism	3
ENG 4106	0232-013-4106	Contemporary Literatures in English	3
ENG 4111	0232-013-4111	Eastern Classics in Translation	3
ENG 4112	0232-013-4112	Postmodernism in Literature	3
ENG 4201	0232-013-4201	Gender Theory and Literature	3
ENG 4202	0232-013-4202	Bangladeshi Writing in English and in English Translation	3
ENG 4203	0232-013-4203	World Literature in Translation - I (Non-European)	3
ENG 4204	0232-013- 4204	World Literature in Translation - II (European)	3
ENG 4218	0232-013-4218	Transnational Literature	3

ii. Electives For Concentration In Applied Linguistics And Tesol

Course Code	UNESCO Code	Course Title	Credits
ENG 1301	0232-013-1301	Introduction to Linguistics	3
ENG 2301	0232-013-2301	Language Development and Acquisition	3
ENG 3212	0232-013-3212	Methodology of English Language Teaching	3
ENG 3213	0232-013-3213	English in the Workplace	3
ENG 3211	0232-013-3211	Critical Language Awareness	3
ENG 3215	0232-013-3215	Classroom Techniques	3
ENG 3216	0232-013-3216	Teaching Reading and Writing	3
ENG 3217	0232-013-3217	Teaching Listening and Speaking	3
ENG 3218	0232-013-3218	Stylistics	3
ENG 3220	0232-013-3220	Introduction to Discourse Analysis	3
ENG 4107	0232-013-4107	Syllabus Design and Materials Development	3
ENG 4108	0232-013-4108	Critical Literacy and Technology	3
ENG 4109	0232-013-4109	Teaching Language through Literature	3
ENG 4110	0232-013-4110	Historical Linguistics	3
ENG 4117	0232-013-4117	Teaching Young Learners	3
ENG 4118	0232-013-4118	Clinical and Forensic Linguistics	3
ENG 4206	0232-013-4206	Teaching Practicum	3
ENG 4207	0232-013-4207	Critical Pedagogy	3
ENG 4209	0232-013-4209	Testing and Assessment	3

iii. Electives For Concentration In Creative Writing

Course Code	UNESCO Code	Course Title	Credit
ENG4102	0232-013-4102	Introduction to Creative Writing	3
ENG4211	0232-013-4211	Creative Writing: Fiction	3
ENG4315	0232-013-4315	Creative Writing: Poetry	3
ENG4316	0232-013-4316	Creative Writing: Dialogue and Scriptwriting	3
ENG4317	0232-013-4317	Creative Writing: Non-fiction	3
ENG4318	0232-013-4318	Film Adaptations	3
ENG4319	0232-013-4319	Animation	3

iv. Electives For Concentration In Translation Studies

Course Code	UNESCO Code	Course Title	Credits
ENG3390	0232-013-3390	Introduction to Translation Studies	3
ENG4205	0232-013-4205	Modern Classics in Translation	3
ENG4291	0232-013-4291	Literary Translation: Bengali to English	3
ENG4292	0232-013-4292	Literary Translation: English to Bengali	3
ENG4293	0232-013-4293	Translating in a Professional Context	3
ENG4295	0232-013-4295	Reading for Translation	
ENG4420	0232-013-4420	Translation Project	3

Minor/Optional Courses

For DEH Students

DEH students have to take five courses offered by other departments. They can do this in one of two ways:

- do a Minor (comprised of five structured courses) in any other undergraduate program, such as MSJ, BBA, CSE, SDS, Economics, SAS OR Bangla
- choose "Optional," which means doing any five courses, subject to availability and fulfillment of any pre-requisite, from any department, except DEH.

Students who wish to do a Minor should visit the relevant departmental section in this handbook for the list of courses to be taken. For example, if a student wishes to do a minor in BBA, s/he should see the "Minor Courses" paragraph in the Bachelor of Business Administration section.

Minor in English (For students of other departments)

The Department of English and Humanities offers Minor courses in two areas for students of other departments. The courses listed below are sample courses. It should be noted that different courses will be offered in different terms. Some courses from the DEH core course list may be offered here too.

Compulsory: (2 courses / 6 credits)

Course Code	UNESCO Code	Course Title	Credits
ENG 1301	0232 013 1301	Introduction to Linguistics	3

ENG 2810	0232 013 2810	Art of Speaking and Listening	3
ENG 2820	0232 013 2820	English for Professional Purposes	3
ENG 2850	0232 013 2850	The Experience of Literature –I	3
ENG 2860	0232 013 2860	Advanced Reading and Writing	3
ENG 1101	0232 013 1101	Introduction to Literary Genres	3

Electives: (3 courses / 9 credits)

Course Code		Course Title	Credits
ENG 2821	0232-013-2821	English for Academic Purposes	3
ENG 2822	0232-013-2822	English in Media	3
ENG 2851	0232-013-2851	The Experience of Literature – II	3
ENG 2280	0232-013-2880	Advanced Reading Technique	3
ENG 4102	0232-013-4102	Introduction to Creative Writing	3

Dissertation/Internship

The final course will be the Project/Dissertation/Internship/Non-thesis course, which must be taken in the twelfth or final semester. Students enrolled in Dissertation may choose to focus on literature or language, depending on their area of interest that will prepare them for further specialization in the MA program.

The selection of the Dissertation topic or the internship organization will be done in Term 10 by the students in their ENG 4101 (Research Methodology) course. In case of Internship, the selection of organization can be made either by the students (subject to ULAB approval) or with the assistance of the ULAB Career Services Office. Students will also need to select a Dissertation/Internship Supervisor from amongst DEH faculty in Term 11. The period of internship attachment may be 8-12 weeks, during which students will work and research a topic connecting their area of concentration with their workplace.

Both dissertation and internship students will have to present their theses/reports before a faculty panel.

Students with a lower grade than B (plain) in ENG 4101 (Research Methodology) will automatically be registered in the non-thesis course in their final term.

Project/Internship/Dissertation/Non-thesis course: (1 course / 3 credits)

Course Code	UNESCO Code	Course Title	Credits
ENG4297		Project	3
ENG4298	0232-013-4298	Internship	3
ENG4299	0232-013-4299	Dissertation	3
ENG4208	0232-013-4208	Advanced Composition and Stylistics	3

4-Year Course Distribution

	Term 1	Term 2	Term 3
Year 1	3 courses	3 courses	3 courses
Year 2	4 courses	4 courses	4 courses

Year 3	4 courses	4 courses	4 courses
Year 4	4 courses	2 courses	1 course

Sample 4-year Course Distribution

Term	Course Code	UNESCO Code	Course Title	Credits
Term 1	ENG1101	0232-013-1101	Introduction to Literary Genres	3
	GEF1101	0231-000-1101	Academic English I	3
	UCC1101	0232-000-1101	Bangla Bhasha O Shahitya	3
	ESK1110	0031-000-1110	Study Skills	
Term 2	ENG 1201	0232-013-1201	Introduction to Poetry and Drama	3
	ENG 1301	0232-013-1301	Introduction to Linguistics	3
	GEF 1201	0231-000-1201	Academic English II	3
	UCC 1201	0222-000-1201	History of the Emergence of Independent Bangladesh	3
	ESK 1111	0031-000-1111	Healthy Life Skills	
Term 3	ENG 1202	0232-013-1202	Introduction to Fiction and Nonfiction	3
	ENG 1203	0232-013-1203	Phonetics and Phonology	3
	UCC 1202	0222-000-1202	Ethics	3
	GED Elec -Tier 1		Arts and Humanities	3
	ESK 1112	0031-000-1112	Social Skills	
Term 4	ENG 2101	0232-013-2101	Elizabethan and Jacobean Drama	3
	ENG 2102	0232-013-2102	Composition	3
	ENG 2103	0232-013-2103	Morphology and Syntax	3
	GED Elec -Tier 2	-	Social Sciences	3
	ESK1113	0031-000-1113	Professional Skills	
Term 5	ENG 2201	0232-013-2201	Semantics and Pragmatics	3
	ENG 2202	0232-013-2202	Restoration and Eighteenth Century Literature	3
	ENG 2203	0232-013-2203	Literary Criticism (Sidney to Leavis)	3
	GED Elec-Tier 3	-	Natural Sciences	3

Term 6	ENG 2204	0232-013-2204	Romantic Literature	3
	ENG 2205	0232-013-2205	SSociolinguistics	3
	ENG 2206	0232-013-2206	American Literature I	3
	Chinese/French/ German/ Spanish/ Arabic (or any **foreign language course offered by GED**)			3
Term 7	ENG 3101	0232-013-3101	Victorian Literature	3
	ENG 3102	0232-013-3102	Psycholinguistics	3
	ENG 3103	0232-013-3103	Ancient Greek Literature	3
	English Studies-related course offered by GED: HUM2111 Introduction to Philosophy I HUM2206 Introduction to Philosophy II HUM2202 Folklore Studies HUM2209 Literature of Bangladesh HUM2211 Modern Bangla Literature I HUM3205 Introduction to Psychoanalysis: Freud and Lacan HUM4102 Modern Bangla Literature II SSC2149 Introduction to Anthropology SSC2150 Introduction to Archaeology SSC2154 Introduction to Political Thought SSC3143 Cultural Studies: Film, Media, Literature SSC2142 Development Studies SSC2145 Global Political Economy SSC2155 Introduction to Public Policy and Governance SSC3245 Entrepreneurship NSC3185 Technology and Development			3
Term 8	ENG 3201	0232-013-3201	American Literature II	3
	ENG 3202	0232-013-3202	Modernism in Literature	3
	ENG 3203	0232-013-3203	Theories of Language Acquisition	3
	Optional/Minor-1			3

Term 9	ENG 3204	0232-013-3204	Critical Theory	3
	ENG 3108	0232-013-3108	Cinema and Literature (Concentration Elective for in Literature and Cultural Studies)	3
	ENG 4112	0232-013-4112	Postmodernism in Literature (Concentration Elective for in Literature and Cultural Studies)	3
	ENG 3212	0232-013-3212	Methodology of English Language Teaching (Concentration Elective for Applied Linguistics and TESOL)	3
	ENG 4108	0232-013-4108	Critical Literacy and Technology	3
	Optional/Minor–2			3
Term 10	ENG 4101	0232-013-4101	Research Methodology	3
	ENG 3205	0232-013-3205	Postcolonial Theories and Literature (Concentration Elective for Literature and Cultural Studies)	3
	ENG 4201	0232-013-4201	Gender Theory and Literature (ConcentrationElective for Literature and Cultural Studies)	3
	ENG 4107	0232-013-4107	Syllabus Design and Material Development (Concentration Elective for Applied Linguistics and TESOL)	3
	ENG 4118	0232-013-4118	Teaching Young Learners (Concentration Electives for Applied Linguistics and TESOL)	3
	Optional/Minor – 3			3
Term 11	ENG 4111	0232-013-4111	Eastern Classics in Translation (Concentration Elective for in Literature and Cultural Studies)	3
	ENG 4206	0232-013-4206	Teaching Practicum (Concentration Elective for Applied Linguistics and TESOL)	3
	Optional/Minor – 4			3
	Optional/Minor – 5			3
Term 12	ENG 4299/ ENG4298/ENG 4208	0232 -013-4299/ 0232-013-4298/ 0232-013- 4208	Dissertation/Internship/Advanced Composition and Stylistics	4

NOTE: *Not all courses will be available every term. The Department of English and Humanities reserves the right to add, drop or substitute individual courses, subject to review by academic authorities.*Student Support Services

Advising

DEH students are assigned to a DEH faculty advisor who help them to identify their educational needs, plan for courses, discuss career options, and also resolve problems that might affect their academic performance.

The Writing Center

Named as the English Zone, the writing center is an academic English learning center for all ULAB students. Students can get writing help, editing service, workshops on grammar, presentations and research as well as opportunities to practice speaking in English through conversation hours.

Teaching Assistants and Peer Mentors

DEH hires advanced students as Teaching Assistants and trains them in leadership skills, written, and oral communications. They are also assigned to help the weaker students. SAO also recruits advanced students of DEH to become peer mentors and help other students in their academic life

Career Counseling

DEH regularly arranges workshops on soft skills, editing, translation, and other topics. It also posts recruitment notices as well as whenever there are opportunities to do internship and trainings.

Student Magazine

Mouthpiece of ULAB Students of English (MUSE) is the creative space run by the students of DEH. The magazine, available both online and in print version, publishes department news, features, columns, literary pieces, book/movie reviews, experimental artworks, and photographs. It gives students hands-on training in editing and publication skills too.

Literary Club

Paper Canoe is a literary club under the Department of English and Humanities which aims at ensuring students' participation in activities such as debates, declamations, group discussions, poetry writing and recitation, short story writing, quiz contests, interactive lecture/review sessions, etc. Through these activities, the club reaches out to language and literature lovers and tries to create a space for them.

Student Research

Students demonstrate interdisciplinary research skills in studying language and literature in different contexts in student dissertations that reflect general understanding of various critical and theoretical frameworks of English Studies.

The department's annual Inter-university Student Conference and Cultural Competition gives students an opportunity to do research and compete with participants from major public and private universities of the country. The cultural competition allows them to explore and experiment on topics both national and international relevance using multiple artistic modes of expression.

Curriculum Integration Program

The experimental and multidisciplinary Curriculum Integration program held every term on a specific theme allows students to demonstrate their skills in application of critical theories to understand and interpret their immediate social world thereby making them more informed citizens.

Scholars Program

The Scholars Program is designed to provide a platform for those high-achieving students who strive for academic excellence and are ready to explore extensive educational opportunities not covered by the standard curriculum.

BACHELOR OF SOCIAL SCIENCE IN MEDIA STUDIES & JOURNALISM

Introduction to the Program

ULAB's FLAGSHIP department is the Media Studies and Journalism department, which has grown to become the largest and most prominent media, communication and journalism school in the country. As of December 2020, it has around 900 undergraduate and graduate students and 31 faculty, instructors and teaching assistants. Established in 2004, it was first headed by Dhaka University Professor Sakhawat Ali Khan. In 2006, Prof. Brian Shoesmith (from Edith Cowan University, Australia) became the department head. He was succeeded in 2009 by Prof. Jude William Genilo (from the Philippines).

The undergraduate curriculum has study concentrations in Digital Journalism, Digital Film and Television Production, Public Relations and Communication for Development. Its Masters in Communication program focuses on communication research and policy, corporation communication and development management.

In 2020, ULAB ranked 46th among the top 50 universities under the Industrial Applications category in the **World's Universities with Real Impact (WURI) Ranking**. The thesis program of the Masters in Communication program was ULAB's entry in the said ranking. Media Studies and Journalism received in 2021 program accreditation by Global Alliance for Public Relations and Communication Management (GA), Switzerland. In 2022 ULAB ranked under top 96 in WURI ranking with the features of Digital Journalism, Curriculum Integration Program, ULAB TV and Dhaka Internationational Mobile Film Festival. In 2023 ULAB ranked 75 in global top 100 innovative universities in WURI with the same features.

The department is affiliated with the following: Asian Media Information and Communication Centre (AMIC), International Communication Association (ICA), Global Alliance on Public Relations and Communication Management (GA), Communication Initiative Network, and International Association of Media and Communication Research (IAMCR). Professor Jude William Genilo is the current Ambassador for IAMCR in Bangladesh.

Given the university's research thrust, the department has pursued publications. It has produced the most comprehensive anthology on Bangladesh's Changing Mediascape: From State Control to Market Forces (Editors: Brian Shoesmith and Jude William Genilo; Intellect UK Publisher), which is the basic text for anyone in the country taking a media and journalism degree. It contributed towards the understanding of the 1971 Liberation War through two photography books - Price of Freedom (Raghu Rai) and Revisiting Anwar Hossain's '71 (Editors: Jude William Genilo and Md. Abdul Kader). The department's research agenda includes C4D, Development Communication, Mass Communication, Journalism Studies and Public Relations.

Aside from its research work, the department has very strong co-curricular programs. In order to give students a taste of the real world and help them gain some work experience before they jump into the media industry, several apprenticeship programs are offered - Radio Campbuzz, ULAB TV, Cinemascope (film), PR4U (Public Relations), ULABian Student Newspaper and Shutterbugs (photography). It regularly organizes and hosts public events such as Meet the Editor, Reporter's Diary, Meet the Director and Meet the Artist. Under its Curriculum Integration Program, it holds a film and visual exhibition of student works three times a year at the prestigious Shilpakala Academy (National Gallery).

To improve the employability prospects of its students, the department requires a portfolio before graduation. The portfolio consists of 16 media projects from their foundation and specialized courses. The department has a few outreach projects - Dhaka International Mobile Film Festival and Axis MIL (Media and Information Literacy).

Vision

Decolonized minds through media education and innovation.

Mission

Nurturing creative and critical thinkers in communication and cultural studies.

Objective of the Program

To produce ethical citizens who critically explore, understand and utilize media, culture and communication.

Degree Requirements

The course requirements for a BSS in Media Studies and Journalism with majors in Digital Journalism, Digital Film and Television Production, Public Relations and Communication for Development are as follows:

Course Type	Number	Credits
Essential Skills	4	0
General Education Foundation (GEF) Courses	5	15
ULAB Core Courses (UCC)	3	9
General Education (GED) Elective Tier 1 Courses	4	12
General Education (GED) Elective Tier 2 Courses	4	12
General Education (GED) Elective Tier 3 Courses	4	12
Communication Foundation Courses	7	21
Major Study Concentration	9	27
Minor Study Concentration	5	15
Internship and Portfolio	2	10
Total	47	133

Course Catalogue

General Education (GED) Courses

Course Category	No of Courses	Course Code	UNESCO Code	Course Title	Credits
Pre-Uni (based on admission test performance)	1	ELL0099	0231-000-0099	Remidial English	Non-credit
General Education Foundation Courses (GEF)	5	GEF1101	0231-000-1101	Academic English I	5x3=15
		GEF1201	0231-000-1201	Academic English II	
		GEF1202	0231-000-1202	Advanced English Writing Skills	
		GEF1203	0231-000-1203	Advanced Bangla Writing Skills	
		GEF2101	0542-000-2101	Introduction to Data and Statistics	

Essential Skills	4	ESK1110	0031-000-1110	Study Skills	Non-Credit
		ESK1111	0031-000-1111	Healthy Life Skills	
		ESK1112	0031-000-1112	Social Skills	
		ESK1113	0031-000-1113	Professional Skills	
ULAB Core Courses	3	UCC1101	0232-000-1101	Bangla Bhasha O Sahitya	3X3=9
		UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	
		UCC1202	0223-000-1202	Ethics	
General Education (GED) Elective/ Optional Courses (GED) one from each tier (Tier I Tier II and Tier III)	3	Tier I		Arts and Humanities	4X3=12
		Tier II		Social Sciences	
		Tier III		Natural Sciences	

*Courses mandatory only for MSJ

General Education (GED) Elective Tier 1: Social Science (4 Courses/ 12 Credits)

General Education (GED) Elective Tier 2: Arts and Humanities (4 Courses/ 12 Credits)

General Education (GED) Elective Tier 3: Natural Science (4 Courses/ 12 Credits)

Communication Foundation Courses (7 courses / 21 credits)

Course Code	UNESCO Code	Course Title	Credits
MSJ1101	0321-012-1101	Communication Concepts and Theories	3
MSJ1201	0321-012-1201	Communication Research	3
MSJ2101	0321-012-2101	Communication and Technology	3
MSJ2201	0321-012-2201	Mass Communication	3
MSJ2102	0211-012-2102	Multimedia Communication 1	3
MSJ2202	0321-012-2201	Multimedia Communication 2	3
MSJ4101	0421-012-4101	Media and the Law	3

Major Study Concentrations

Major 1: Digital Journalism (9 courses / 27 credits)

Course Code	UNESCO Code	Course Title	Credits
MSJ2231	0314-012-2231	Visual Communication	3
MSJ2232	0213-012-2232	Cinema Studies	3
MSJ3131	0215-012-3131	Media Presentation and Performance	3
MSJ3132	0211-012-3132	Writing for Film and Television	3
MSJ3231	0211-012-3231	Digital Cinematography	3

MSJ3232	0211-012-3232	Digital Post Production	3
MSJ3233	0211-012-3233	TV Infotainment Production	3
MSJ4131	0211-012-4131	Documentary Production	3
MSJ4132	0211-012-4132	Fictional Narrative Production	3

Major 2: Digital Film and TV Production (9 courses / 27 credits)

Course Code		Course Title	Credits
MSJ2241	0314-012-2241	Interpersonal and Intercultural Communication	3
MSJ2242	0314-012-2242	Strategic Public Relations	3
MSJ3141	0314-012-3141	Public Relations Research	3
MSJ3142	0314-012-3142	Media Relations	3
MSJ3241	0314-012-3241	Organizational Communication	3
MSJ3242	0211-012-3242	Created Private Media	3
MSJ3243	0215-012-3243	Speech Writing and Public Speaking	3
MSJ4141	0211-012-4141	Advertising	3
MSJ4142	0314-012-4142	Public Relations Campaign	3

Major 3: Public Relations (9 courses / 27 credits)

Course Code	UNESCO Code	Course Title	Credits
MSJ2241	0314-012-2241	Interpersonal and Intercultural Communication	3
MSJ2242	0314-012-2242	Strategic Public Relations	3
MSJ3141	0314-012-3141	Public Relations Research	3
MSJ3142	0314-012-3142	Media Relations	3
MSJ3241	0314-012-3241	Organizational Communication	3
MSJ3242	0211-012-3242	Created Private Media	3
MSJ3243	0215-012-3243	Speech Writing and Public Speaking	3
MSJ4141	0211-012-4141	Advertising	3
MSJ4142	0314-012-4142	Public Relations Campaign	3

Major 4: Communication for Development (9 courses / 27 credits)

Course Code	UNESCO Code	Course Title	Credits
MSJ2251	0321-012-2251	Communication Theories and Applications to C4D	3
MSJ2252	0314-012-2252	C4D Planning and Process	3
MSJ3151	0321-012-3151	Participatory Research	3

MSJ3152	0321-012-3152	Communication Approaches for C4D	3
MSJ3251	0321-012-3251	ICT for Development	3
MSJ3252	0321-012-3252	Health Communication	3
MSJ3253	0542-012-3253	Emergency Communication	3
MSJ4151	0321-012-4151	Entertainment Education Communication	3
MSJ4152	0321-012-4152	Environmental Communication	3

Internship and Portfolio (2 courses / 6 credits)

Course Code	UNESCO Code	Course Title
MSJ4298	0031-012-4298	Internship
MSJ4299	0031-012-4299	Portfolio

Minor Courses

For MSJ Students

MSJ students have to take five courses offered by other departments. They can do a minor in any other undergraduate program, such as Business Administration (BBA), English and Humanities (DEH), Computer Science and Engineering (CSE) and Sustainable Development Studies (SDS). They can choose any five courses, subject to availability and fulfillment of pre-requisite, from the department mentioned above. Students who wish to do a minor should visit the relevant departmental section in this handbook for the list of courses to be taken.

Minor in MSJ (For students of other departments)

Students from other departments wishing to do a minor in Media Studies and Journalism will be required to complete five courses. Every term Media Studies and Journalism Department offers courses as minor for other Department students. Students will have to take five courses from the offerings:

Course Code	UNESCO Code	Course Title	Credits
MSJ11203/ MSJ2101	0321-012-2101	Communication and Technology	3
MSJ2251	0321-012-2251	Journalism and Society	3
MSJ2252	0321-012-2251	Digital Audience	3
MSJ11231/ MSJ2231	0314-012-2231	Visual Communication	3
MSJ11241/ MSJ2241	0314-012-2241	Interpersonal and Intercultural Communication	3
MSJ11341/ MSJ2242	0314-012-2242	Strategic Public Relations	3
MSJ3261	0612-012-3261	ICT for Development	3
MSJ11301/ SSC3252	0314-000-3252	Critical Thinking and Logic	3

MSJ11401/ SSC4147	0314-000-4147	Development Communication	3
MSJ11402/ SSC4148	0223-000-4148	Ethics in Media and Communication	3
MSJ11350/ SSC3254	0314-000-3254	History of Bangladeshi Media	3
MSJ11374/ HUM2112	0211-000-2112	Introduction to Photography	3
MSJ11351/ SSC3253	0314-000-3253	Reading Media Texts	3
MSJ11375/ HUM2201	0213-000-2201	Film History	3
MSJ11376/ HUM3101	0213-000-3101	Aesthetics of Film	3
MSJ11456/ HUM4108	0211-000-4108	Introduction to Animation	3

Internship/Project

MSJ 4298 Internship (3 Credits / 1 Course)

All students studying at the MSJ Department will undertake an internship in an area of media or communication that interests them. By their final semester of study, students are required to seek out a suitable organization for an internship to appreciate and experience the dynamics of working in a real organization. These may be unpaid or occasionally paid, depending on the employer. The duration of the internship is usually from 8 to 12 weeks. Students are expected to work during the employer's requested hours. This is to be negotiated between the host institution and the students.Projects

Filmmaking Project

Instead of an internship, students may opt for a film-making project. A maximum of four students can work on the same project fulfilling one major role – Script, Cinematography, Editing, or Direction. Students have to make a 15 to 25 minute video of a fictional story or a documentary. Each student is expected to prepare their production book detailing their project and any lessons learned from it. This production book along with the film will be presented before a panel of ULAB examiners and will be graded.

Study Tour and Project Internship

ULAB MSJ organizes a two-week (or more) media and communications course with a foreign institution in Bangkok, Thailand, Delhi, India, and Moscow, Russian Federation. The program is then integrated with the internship program. It is divided into two phases as follows:

- The first phase of the internship will take place abroad and will last at least two weeks. Students will need to go through a series of Academic, Experiential, and Cultural Programs.
- The second phase of the internship will begin once the students return to the University of Liberal Arts Bangladesh. Most of the activities in the second phase will be directly related to the two-week course work abroad. Finally, the students will have to produce an Internship Report and present their work during the Internship Presentation at the end of the term.

Research Project

The Research Project Internship takes advantage of the Masters in Communication (MComn). MSJ students need to make a decision on undertaking research in lieu of a workplace internship at the end of their 11th semester. The student is required to produce the first two chapters (Introduction and Study Framework) of a research project. This will be presented and defended before a panel.

Portfolio

MSJ 4299 Portfolio (3 Credits / 1 Course)

All students studying at the MSJ Department must create a portfolio over the course of their study. By their final semester of study, students are required to have a file that will showcase the key projects of certain courses that they had taken during their undergraduate study.

A student portfolio is a compilation of academic work and other forms of educational evidence assembled for the purpose of (1) evaluating coursework quality, learning progress, and academic achievement; (2) determining whether students have met learning standards or other academic requirements for courses and graduation; (3) helping students reflect on their academic goals and progress as learners; and (4) creating a lasting archive of academic work products, accomplishments, and other documentation.

Sample 4-Year Course Distribution

Term	Course Code	UNESCO Code	Course Title	Credits
Term 1	MSJ1101	0321-012-1101	Communication Concepts, Models and Theories	3
	GEF1101/ ELL0099	0231-000-1101/ 0231-000-0099	Academic English I/Remedial English	3
	UCC1101	0232 000 1101	Bangla Bhasha O Shahitya	3
	ESK1110	0031 000 1110	Study Skills	
Term 2	MSJ1201	0321-012-1201	Communication Research	3
	GEF1201	0231-000-1201	Academic English II	3
	UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	3
	ESK1111	0031-000-1111	Healthy Life Skills	
Term 3	GEF1202	0231-000-1202	Advanced English Writing Skills	3
	GEF1203	0231-000-1203	Advanced Bangla Writing Skills	3
	UCC 1202	0223-000-1202	Ethics	3
	ESK1112	0031-000-1112	Social Skills	
Term 4	MSJ2101	0321-012-2101	Communication and Technology	3
	SSC Elective		Social Science 1	3
	HUM Elective		Arts and Humanities 1	3
	NSC Elective		Natural Science 1	3
	ESK1113	0031 000 1113	Professional Skills	

Term 5	GEF2101	0542-000-2101	Introduction to Data and Statistics	3
	MSJ2102	0211-012-2102	Multimedia Communication 1	3
	SSC Elective		Social Science 2	3
	HUM Elective		Arts and Humanities 2	3
Term 6	MSJ2201	0321-012-2201	Mass Communication	3
	MSJ2202	0321-012-2201	Multimedia Communication 2	3
	Major 1			3
	NSC Elective		Natural Science 2	3
Term 7	Major 2			3
	Major 3			3
	Minor 1			3
	SSC Elective		Social Science 3	3
Term 8	Major 4			3
	Major 5			3
	Minor 2			3
	HUM Elective		Arts and Humanities 3	3
Term 9	Major 6			3
	Major 7			3
	Minor 3			3
	NSC Elective		Natural Science 3	3
Term 10	Major 8			3
	Minor 4			3
	SSC Elective		Social Science 4	3
	HUM Elective		Arts and Humanities 4	3
Term 11	MSJ4101	421-012-4101	Media and the Law	3
	Major 9			3
	Minor 5			3
	NSC Elective		Natural Science 4	3
Term 12	MSJ4298	0031-012-4298	Internship	3
	MSJ4299	0031-012-4299	Portfolio	3

Apprenticeship Programs

The MSJ Department offers apprenticeship programs. By definition, an apprentice is a person who learns the skills of a specific craft or trade by receiving hands-on training from someone who is already an expert. By working with an expert in the field, the apprentice will learn the necessary techniques and theoretical knowledge to work independently in the future. The apprenticeship program covers the fields of film, photography, journalism (print, electronic and online), public relations and animation. The objectives of the program are to boost the MSJ Department's peer teaching methodology; to create core student groups that can assist the MSJ Department in its conduct of internal and external activities; to facilitate student communication within the MSJ Department and with other departments in the University through various media tools; and to develop advanced skills of students passionate in particular media forms and channels. The fields, expected outputs, and descriptions of the apprenticeship program are summarized as follows:

ULABian: Print Journalism
Expected Output: Campus Newspaper (English and Bangla Content)

Description: Campus Paper published every semester.

CampBuzz Radio Broadcasting

Expected Output: ULAB Campus Radio

Description: Sunday - Wednesday 11:00 am - 2:00 pm live programme. Daily 2-3 Hour Programs on news, opinions and entertainment.

CinemaScope: Film Apprenticeship Program
Expected Output: Project Concepts, Film Analysis, Scripts, Narrative Films, Documentary Films

Description: Project concepts, scripts, critiques and/or films developed by students under the mentorship of an expert.

ULAB TV: Television Broadcasting
Expected Output:
ULAB Campus Television

Description: Sunday-Wednesday, 2:00-3:00 pm
Tuesday: New episode
Sunday, Monday and Wednesday:
Repeat Weekly One Hour Program on news, opinions, and entertainment.

PR4U: Public Relations Apprenticeship Program

Expected Output: ULAB Campus PR Practitioner Team

Description: PR campaign development, media handling, communication audit, and event management.

ShutterBugs: Photography Apprenticeship Program

Expected Output: Project Concepts, Photo Exhibits
Description: Project concepts and/or photographs developed by students under the mentorship of an expert.

Animation ULAB: Animation Apprenticeship Program
Expected Output: ULAB Campus Animation Studio
Description: Animated TV Series, short films, workshops, film shows and seminars.

Outreach Programs

Creative Time Summit

Creative Time Summit is an event that is hosted around the world but initially began in New York. Their motto is to solve problems around the world with the help of art. ULAB is the official screening site of the Creative Time Summit and is only one of the two sites of the Summit in Asia. Aside from screening a number of sessions from the summit, ULAB invites a number of guests to speak on the occasion. Mr. AFM Moniruzzaman, Senior Lecturer, Media Studies and Journalism Department, undertakes an interactive graffiti, a project where students and teachers of ULAB express themselves on a single canvas, which eventually comes through as a unified form of painting. The painting depicts the summit theme.

Dhaka International Mobile Film Festival

Dhaka International Mobile Film Festival (DIMFF) started in 2015 as Cinemascope Mobile Film Competition (CMFC). The festival upholds and promotes the motto 'New generation, New tools, New communication'. The festival is free of entry for students. Screening Category is open for all but the Competition category is restricted to university students at Undergraduate or Graduate level and One Minute Film category is limited to Grade 1-12 students. Films for this festival must be shot on a mobile phone (cellphone/smartphone). However, there is no restriction regarding the brand, model, and operating system of the phone or post-production tools. DIMFF's purpose is not only to inspire and spark creativity in people of all ages with limited income or resources but also to encourage filmmakers to harness their dreams and to recognize the immense possibilities to accomplish them.

Axis MIL

Axis MIL is an outreach program of the Department of Media Studies and Journalism that promotes Media and Information Literacy (MIL) as a lifelong learning skill among students, educators, journalists, advocates, and practitioners in a knowledge-based and media-saturated Bangladeshi society. AxisMIL is the coordinator for South Asia for the Global Alliance for Partnerships on Media and Information Literacy (GAPMIL), a joint initiative of UNESCO and other key stakeholders, to promote international cooperation to ensure that all citizens have access to media and information competencies. It facilitates networking and research on Media Information Literacy (MIL) through GAPMIL and other networks. The program extends alliances and collaborations with local and international researchers and organizations which include NGOs, education institutions, and media organizations.

Curriculum Integration Program

The Curriculum Integration Program was established to facilitate faculty and students from various year levels and study concentrations to work together and learn from each other. It has two primary objectives. First, it utilizes active learning approaches to enhance the educational experience of students. Second, it encourages students to look inward — to reflect on their own personalities, aspirations and identities. The Department believes that students must be comfortable and confident with themselves before they can positively contribute to others. Every semester, the MSJ Department launches an exhibit to facilitate curriculum integration. Each exhibit is based on a philosophical/sociological concept and/or theory, which is used to guide and harmonize student outputs as well as ground them in communication-related perspectives. The exhibit brings together the works of students, which includes research paper presentations, communication campaign materials, visual art, digital art, photography, and film exhibitions.

BACHELOR OF SCIENCE IN COMPUTER SCIENCE AND ENGINEERING

Introduction to the Program

The Department of Computer Science and Engineering aims to graduate highly competent students with the potential of becoming the leaders in their field and also to impart knowledge which allows them to understand the implications of their work on both to themselves as well to the society as a whole.

ULAB CSE, since its inception, has been offering an undergraduate program in Computer Science and Engineering with a focus on developing skills for ICT industries worldwide. The designed program provides students with the fundamental skills needed to become an accomplished IT specialist. The program also aims at a wider knowledge of the subject, rather than a mere understanding of the existing commercial approaches. The degree is designed for a wide range of students, including those who wish to pursue a career in software engineering, computer programming or related areas, and also those who wish to move on to study for higher degrees in the computing and information technology areas, either at home or abroad.

The department believes in a philosophy of Active Learning which is reflected in our curriculum and teaching styles. The Computer Science and Engineering (CSE) curriculum has been designed with both theoretical and industry-oriented courses. The department provides state of the art laboratory facilities, with guidance from the top-notch faculties, to bring out the best from the students. Departmental active collaboration with local and international reputed companies is keeping both CSE students and faculty updated with industry innovations and requirements. In their last academic year, students will be able to choose a concentration area or any other elective courses to focus their career according to their interest. Furthermore, the Liberal Arts curricular framework will help the students to acquire an openness of vision to become adaptable and ever-effective professionals of this century and for the time to come. The program objectives address our goal of graduating highly competent students with the potential of becoming leaders in their careers and add value to society.

Vision

To produce highly competent graduates who will become leaders in Computer Science and Engineering.

Mission

- To prepare our students to meet high standards of excellence for professional career advancement.
- To create and disseminate new knowledge through basic and applied research in the field of Computer Science and Engineering.
- To build strong relationships between industry and academia, eliminating the gap.

Objectives of the Program

The program objectives, as derived from the departmental mission statement, address our goal of graduating highly competent students with the potential of becoming leaders in the field of their careers and understanding the implications of their work on both to themselves and to society as a whole. The program objectives are:

Foundation: To provide graduates with a solid foundation in the principles and practices of computer science, including mathematics, physical sciences, and basic engineering. This foundation is necessary to succeed in more advanced Computer Science and Engineering coursework where students will apply these principles and practices to a variety of complex problems, and which will further develop their analytical and creative problem-solving skills and enable them to work successfully on multidisciplinary teams, in both classroom and laboratory settings.

Breadth: To provide graduates with sufficient breadth in computer science and related technical disciplines. This breadth is required not only to understand engineering trade-offs that cross disciplines (for example, hardware and software boundaries), but also to participate effectively in multidisciplinary teams. To also provide students with breadth in the liberal arts and social sciences to develop their awareness of societal issues; to develop effective oral and written communication skills; and to develop an understanding of professional and ethical issues related to computing.

Depth: To provide our graduates with advanced training in focused areas of their choice. This depth is necessary to solve complex real-world engineering problems and prepare them to contribute to a specific discipline within computer science and possibly pursue advanced study or research.

Degree Requirements

To obtain the BSc degree in CSE, students will have to successfully complete minimum 140 credits. The credit and course requirement for the CSE degree program is shown in the table below.

Categories	Credits	Remarks
General Education Courses (GED)	24	5 Major + 3 Elective
Major Core Courses	67	Includes 4 credit Capstone Project, 1 credit Internship / Thesis
Essential Skills (ESK)	0	Non-Credit
Major Elective Courses	13	4 Theory + 1 Lab
Other Engineering	8	2 Theory + 2 Lab from EEE
Optional/Minor*	9	3 Theory
Basic Science	7	2 Theory + 1 Lab
Mathematics	12	4 Theory
TOTAL	**140**	

*Students willing to minor must take a total of 5 courses (15 credits).

General Education (GED) Courses

Course Category	No of Courses	Course Code	UNESCO Code	Course Title	Credits
Pre-Uni (based on admission test performance)	1	ELL0099	0231-000-0099	Remidial English	Non Credit
General Education Foundation Courses (GEF)	5	GEF1101	0231-000-1101	Academic English I	5X3=15
		GEF1201	0231-000-1201	Academic English II	
Essential Skills	4	ESK 1110	0031-000-1110	Study Skills	Non Credit
		ESK1111	0031-000-1111	Healthy Life Skills	
		ESK1112	0031-000-1112	Social Skills	
		ESK1113	0031-000-1113	Professional Skills	

ULAB Core Courses	3	UCC1101	0232-000-1101	Bangla Bhasha O Sahitya	3X3=9
		UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	
		GED 2159	0223-000-2159	Professional Ethics	
General Education (GED) Elective/ Optional Courses (GED) one from each tier (Tier I Tier II and Tier III)	3	Tier I	Course-wise (varies)	Arts and Humanities	3x3 = 9
		Tier II	Course-wise (varies)	Social Science	
		Tier III	Course-wise (varies)	Natural Science	

Note: Placement in Pre-Uni course, ELL 099: Remedial English, will be based on the admission test.

Note: ** GEF 2159 for students from CSE department

GED Electives (3 courses / 9 credits)

GED Electives course offerings will vary from term to term. Students will choose a Arts and Humanities course from a list of courses and the other two courses, GED 2243 and GED 2248, must be taken by the students of the CSE department.

Course Code	UNESCO Code	Course Title	Credit
GED Tier I	Course-wise (varies)	Arts and Humanities	3
GED Tier II SSC 2243	0521-000-2243	Environment and Sustainability (for the students of the Engineering School	3
GED Tier III NSC 2248	0417-000-2248	Industrial Management	3

Course Catalogue

Mathematics and Statistics Courses (4 courses /12 credits)

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
MAT 1103	0541-014-1103	Calculus and Differential Equations	3	
MAT1203	0541-014-1203	Coordinate Geometry and Complex Variables	3	MAT 1103
MAT2103	0541-014-2103	Linear Algebra and Numerical Analysis	3	MAT 1203
STA 2101	0542-014-2101	Probability and Statistics	3	

Basic Science Courses (2 Theory + 1 Lab /7 credits)

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
PHY1101	0533-014-1101	Physics I	3	
PHY1102	0533-014-1102	Physics I Lab	1	

PHY1301	0533-014-1301	Physics II	3	PHY1101

Other Engineering Courses (2 Theory + 2 Labs / 8 credits)

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
EEE 1101	0713-016-1101	Electrical Circuit 1	3	
EEE1102	0713-016-1102	Electrical Circuit 1 Lab	1	
EEE1301	0714-016-1301	Electronic Device and Circuits 1	3	EEE 1101, EEE 1102
EEE1302	0714-016-1302	Electronic Device and Circuits 1 Lab	1	EEE 1101, EEE 1102

Major Core Courses (16 Theory + 14 Lab + Capstone Project + Internship / 67 credits)

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
CSE1201	0613-014-1201	Structured Programming	3	
CSE1202	0613-014-1202	Structured Programming LAB	1	
CSE1203	0613-014-1203	Discrete Mathematics	3	
CSE1301	0613-014-1301	Data Structures	3	CSE1201 & CSE1202
CSE1302	0613-014-1302	Data Structures LAB	1	CSE1201 & CSE1202
CSE2101	0613-014-2101	Digital Logic Design	3	
CSE2102	0613-014-2102	Digital Logic Design Lab	1	
CSE2103	0613-014-2103	Object Oriented Programming	3	CSE1301 & CSE1302
CSE2104	0613-014-2104	Object Oriented Programming LAB	1	CSE1301 & CSE1302
CSE2201	0613-014-2201	Algorithms	3	CSE1301, CSE1302, CSE1203
CSE2202	0613-014-2202	Algorithms LAB	1	CSE1301, CSE1302, CSE1203
CSE2203	0613-014-2203	Computer Organization and Architecture	3	CSE2101, CSE2102
CSE2200	0613-014-2200	Design Project-I	1	CSE2103, CSE2104

CSE2301	0612-014-2301	Database Management System	3	
CSE2302	0612-014-2302	Database Management System Lab	1	
CSE2303	0613-014-2303	Automata and Theory of Computation	3	CSE2201, CSE2202
CSE2305	0613-014-2305	Operating Systems	3	CSE2203
CSE2306	0613-014-2306	Operating Systems Lab	1	CSE2203
CSE3101	0613-014-3101	Microprocessor and Microcontroller	3	CSE2203
CSE3102	0613-014-3102	Microprocessor and Microcontroller Lab	1	CSE2203
CSE3103	0613-014-3103	System Analysis and Design	3	CSE2103, CSE2104, CSE 2200
CSE3104	0613-014-3104	System Analysis and Design Lab	1	CSE2103, CSE2104, CSE 2200
CSE3120	0613-014-3120	Web Programming	1	CSE2301 & CSE2302
CSE3201	0619-014-3201	Artificial Intelligence & Machine Learning	3	CSE 2201, CSE2202, STA2101, MAT2103
CSE3202	0619-014-3202	Artificial Intelligence & Machine Learning Lab	1	CSE 2201, CSE2202, STA2101, MAT2103
CSE3203	0613-014-3203	Software Engineering	3	CSE3103, CSE3104
CSE3200	0613-014-3200	Design Project-II	1	CSE2301, CSE2302, CSE3103, CSE3104, CSE2200
CSE3205	0612-014-3205	Computer Networks	3	
CSE3206	0612-014-3206	Computer Networks Lab	1	
CSE3301	0612-014-3301	Cyber Security	3	CSE 2305, CSE 2306, CSE 3205, CSE 3206

CSE4098A	0613-014-4098A	Capstone Project 1	1	Completion of 105 credits, CSE3103, CSE3203, CSE2200 & CSE3200
CSE4098B	0613-014-4098B	Capstone Project 2	1	CSE 4098-A
CSE4098C	0613-014-4098C	Capstone Project 3	2	CSE 4098-B
CSE4099A/ CSE4099B	0613-014-4099A/0613-014-4099B	Internship / Thesis	1	CSE 4098-C CSE 4098-C

Concentration Group (4 theory + 1 lab /13 credits)

The students will choose a concentration group consisting of four elective courses. These groups are designed to provide undergraduate specialization in specific topics. The offered groups are:

I. Computational Theory
II. Network and Communications
III. Security
IV. Systems
V. Data Science
VI. Software Engineering
VII. Hardware
VIII. Information and Communication Technology

Students will have to take four elective theory courses and one lab course (associated with any of those four courses) from one of the concentration groups.

Computational Theory Group

Course Code	UNESCO Code	Course Title	Credits
CSE 4401	0613-014-4101	Computer Graphics	3
CSE 4402	0613-014-4402	Computer Graphics Lab	1
CSE 4403	0613-014-4403	Advanced Algorithm	3
CSE 4405	0613-014-4205	Compiler Design	3
CSE 4406	0613-014-4206	Compiler Design Lab	1
CSE 4407	0613-014-4207	Basic Graph Theory	3
CSE 4409	0613-014-4209	Mathematical Analysis for Computer Science	3
CSE 4411	0613-014-4211	Computational Geometry	3
CSE 4413		Topics of Current Interest in Computational Theory	3

Network and Communications Group

Course Code	UNESCO Code	Course Title	Credits
CSE 4415	0612-014-4115	Data Communication	3
CSE 4416	0612-014-4116	Data Communication Lab	1
CSE 4417	0613-014-4417	Internet of Things	3
CSE 4418	0613-014-4418	Internet of Things Lab	1
CSE 4419	0612-014-4219	Network Security	3
CSE 4420	0612-014-4220	Network Security Lab	1
CSE 4421	0612-014-4221	Wireless and Cellular Communication	3
CSE 4423	0688-014-4223	Digital Signal Processing	3
CSE 4425	0612-014-4225	Advanced Network Services and Management	3
CSE 4427		Topics of Current Interest in Network and Communications	3

Security Group

Course Code	UNESCO Code	Course Title	Credits
CSE 4419	0612-014-4219	Network Security	3
CSE 4420	0612-014-4220	Network Security Lab	1
CSE 4429	0613-014-4129	Software Security	3
CSE 4430	0613-014-4130	Software Security Lab	1
CSE 4431	0688-014-4131	Blockchain	3
CSE 4433	0612-014-4233	Cryptography	3
CSE 4435	0688-014-4235	ICT Law, Policy and Ethics	3
CSE 4437	0688-014-4237	Digital Forensics and Incident Response	3
CSE 4439		Topics of Current Interest in Security	3

Computer Systems Group

Course Code	UNESCO Code	Course Title	Credits
CSE 4441	0613-014-4141	Real-time Embedded Systems	3
CSE 4442	0613-014-4142	Real-time Embedded Systems Lab	1
CSE 4443	0612-014-4143	Distributed Systems	3
CSE 4445	0613-014-4145	Simulation and Modeling	3
CSE 4446	0613-014-4146	Simulation and Modeling Lab	1
CSE 4447	0688-014-4247	Introduction to Robotics	3

CSE 4449	0612-014-4249	Cloud Computing	3
CSE 4451	0612-014-4251	Advanced Database Management Systems	3
CSE 4453		Topics of Current Interest in Computer Systems	3

Data Science Group

Course Code	UNESCO Code	Course Title	Credits
CSE 4455	0619-014-3355	Data Mining	3
CSE 4457	0619-014-4157	Data Science	3
CSE 4458	0619-014-4158	Data Science Lab	1
CSE 4459	0619-014-4159	Big Data Analytics	3
CSE 4460	0619-014-4160	Big Data Analytics Lab	1
CSE 4461	0613-014-4261	Digital Image Processing	3
CSE 4462	0613-014-4262	Digital Image Processing Lab	1
CSE 4463	0688-014-4263	Introduction to Bioinformatics	3
CSE 4465	0619-014-4265	Natural Language Processing	3
CSE 4467		Topics of Current Interest in Data Science	3

Software Engineering Group

Course Code	UNESCO Code	Course Title	Credits
CSE 4469	0613-014-4169	Software Requirements Specification and Analysis	3
CSE 4471	0613-014-4171	Design Patterns	3
CSE 4473	0613-014-4173	Software Testing and Quality Assurance	3
CSE 4474	0613-014-4174	Software Testing and Quality Assurance Lab	1
CSE 4475	0613-014-4275	Mobile Application Development	3
CSE 4477	0613-014-4277	Advanced Programming	3
CSE 4478	0613-014-4278	Advanced Programming Lab	1
CSE 4479	0613-014-4279	Human Computer Interaction	3
CSE 4481		Topics of Current Interest in Software Engineering	3

Information and Communication Technology Group

Course Code	UNESCO Code	Course Title	Credits
CSE 4483	0688-014-4183	Enterprise Systems: Concepts and Practice	3
CSE 4484	0688-014-4184	Enterprise Systems: Concepts and Practice Lab	1
CSE 4485	0688-014-4185	Electronic Business	3

CSE 4473	0613-014-4173	Software Testing and Quality Assurance	3
CSE 4474	0613-014-4174	Software Testing and Quality Assurance Lab	1
CSE 4475	0613-014-4275	Mobile Application Development	3
CSE4487	0613-014-4287	UI: Concepts and Design	3
CSE4489	0688-014-4289	IT Audit: Concepts and Practice	3
CSE4449	0612-014-4249	Cloud Computing	3
CSE4491	0688-014-4291	ICT for Development	3
CSE4493		Topics of Current Interest in Information and Communication Technology	3

Minor/Optional

For CSE Students

CSE students , choosing the Optional, have to complete three courses offered by any department other than CSE as an optional courses.

Students choosing a Minor must take a total of 5 courses from any of the undergraduate programs. The courses must be chosen from that program's specified courses for Minor.

Minor in CSE (For Students of other departments)

Students of other departments wishing to do a Minor in CSE can choose from courses listed in the table below.

Course Code	UNESCO Code	Course Title	Credits
CSE 1201	0613-014-1201	Structured Programming	3
CSE1202	0613-014-1202	Structured Programming Lab	1
CSE2103	0613-014-2103	Object Oriented Programming	3
CSE2104	0613-014-2104	Object Oriented Programming Lab	1
CSE1301	0613-014-1301	Data Structure	3
CSE2301	0612-014-2301	Database Management System	3
CSE2203	0613-014-2203	Computer Organization and Architechture	3
CSE3201	0619-014-3201	Artificial Intelligence & Machine Learning	3
CSE4417	0613-014-4417	Internet of Things	3
CSE4465	0619-014-4265	Natural Language Processing	3

*Students who want to take CSE 1301 or CSE 2103 must take the corresponding Lab courses.

Capstone Project

The Department of CSE requires each graduating student of BSc in CSE program to complete a three-term long capstone project (4 credits). The term-wise credit distribution will be 1+1+2 = 4. To enroll in the Capstone Project, students must complete at least 105 credits including all the major core courses, math and science courses, Ethics, Language and Communication-related courses. Students must register for the Capstone Project in Term 9 and complete the project in Term 11. Students will have to submit a project report and present their project work before a panel of examiners by the end of Term 11.

Grading will be done based on the report, presentation, continuous assessment, and other assessment methods as decided by the department through 3 semesters. This project is intended to provide a culminating experience that allows a student to demonstrate proficiency in several of the learning outcomes that are stated by his or her degree program. In the Capstone Project, students will apply and cumulate the knowledge and skills that they gathered through theory and lab courses in their program. For this reason, each approved Capstone Project should include and properly address the following components:

- Problem Analysis
- Design and Development of Solutions
- Investigation
- Project Management
- Teamwork
- Requirements Analysis
- Design and Implementation
- Ethics
- Societal and Environmental Impacts
- Communication
- Lifelong Learning
- Modern Tools Usage and Contemporary Issues

Sample 4-Year Distribution of Courses

Term	Course Code	UNESCO Code	Course Title	Credits
Term 1	MAT1103	0541-014-1103	Calculus and Differential Equations	3
	GEF1101/ ELL0099	0231-000-1101/ 0231-000-0099	Academic English I/ Remedial English	3
	PHY1101	0533-014-1101	Physics I	3
	PHY1102	0533-014-1102	Physics I Lab	1
	ESK1110	0031-000-1110	Study Skills	
Term 2	MAT 1203 CSE1201	0541-014-1203 0613-014-1201	Coordinate Geometry and Complex Variables Structured Programming	3 3
	CSE1202	0613-014-1202	Structured Programming Lab	1
	CSE1203	0613-014-1203	Discrete Mathrmatics	3
	UCC1101	0232-000-1101	Bangla Bhasha O Sahitya	3
	ESK1111	0031-000-1111	Healthy Life Skills	
Term 3	PHY1301	0533-014-1301	Physics II	3
	CSE1301	0613-014-1301	Data Structures	3
	CSE1302	0613-014-1302	Data Structures Lab	1
	EEE1101	0713-016-1101	Electrical Circuit 1	3
	EEE1102	0713-016-1102	Electrical Circuit 1 Lab	1
	UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	3
	ESK1112	0031-000-1112	Social Skills	

Term 4	MAT2101	0541-014-2101	Differential Equations and Numerical Analysis	3
	MAT 2103	0541-014-2103	Linear Algebra and Numerical Analysis	3
	GEF 1201	0231-000-1201	Academic English II	3
	CSE 2101	0613-014-2101	Degital Logic Design	3
	CSE 2102	0613-014-2102	Degital Logic Design Lab	1
	CSE2103	0613-014-2103	Object Oriented Programming	3
	CSE2104	0613-014-2104	Object Oriented Programming Lab	1
	ESK1113	0031-000-1113	Social Skills	
Term 5	CSE2201	0613-014-2201	Algorithm	3
	CSE2202 CSE2203	0613-014-2202 0613-014-2203	Algorithm Lab Computer Organization and Architecture	1 3
	STA2101	0542-014-2101	Probability and Statistics	3
	EEE1301	0714-016-1301	Electronic Device and Circuits 1	3
	EEE1302	0714-016-1302	Electronic Device and Circuits 1 Lab	1
	CSE2200 ESK1113	0613-014-2200 0031-000-1113	Design Project-I Professional Skills	1
Term 6	CSE2301	0612-014-2301	Database Management System	3
	CSE2302	0612-014-2302	Database Management System Lab	1
	CSE2303	0613-014-2303	Automata and Theory of Computation	3
	CSE2305	0613-014-2305	Operating Systems	3
	CSE2306	0613-014-2306	Operating Systems Lab	1
	GED2159	0223-000-2159	Professional Ethics (GED 5)	3
Term 7	CSE 3101	0613-014-3101	Microprocessor and Microcontroller	3
	CSE 3102	0613-014-3102	Microprocessor and Microcontroller Lab	1
	CSE3103	0613-014-3103	System Analysis and Design	3
	CSE3120	0613-014-3120	Web Programming	1
	GED Elective-1(HUM)	0521-000-2243	One Course from Tier I (Arts and Humanities)Environment and Sustainability (GED Tier II)	3 3

Term 8	CSE3201	0619-014-3201	Artificial Intelligence & Machine Learning	3
	CSE3202	0619-014-3202	Artificial Intelligence & Machine Learning Lab	1
	CSE3203	0613-014-3203	Software Engineering	3
	CSE3200	0613-014-3200	Design Project-II	1
	CSE3205	0612-014-3205	Computer Networks	3
	CSE3206	0612-014-3206	Computer Networks Lab	1
	SSC2243(GED Elective 2)	0521-000-2243	Environment and Sustainability (Social Science)	3
Term 9	Major Elective-1			3
	CSE3301	0612-014-3301	Cyber Security	3
	Optional/ Minor-1			3
	CSE4098-A	0613-014-4098-A	Capstone Project-1	1
	NSC 2248 (GED Elective-3)	0417-000-2248	Industrial Management (Natural Science)	3
Term 10	Major Elective-2+Lab			
	Major Elective 3			
	Optional /Minor 2			
	CSE 4098-B	0613-014-4098-B	Capstone Project-2	1
Term 11	Major Elective 4			
	Optional/ Minor-3			
	CSE4098-C	0613-014-4098-C	Capstone Project-3	2
Term 12	CSE4099-A/ CSE4099-B	0613-014-4099-A/ 0613-014-4099-B	Internship/ Thesis	1

***NOTE:** All courses may not be available every term. The Computer Science and Engineering Department reserves the right to add, drop or substitute individual courses, subject to review from academic authorities.

BACHELOR OF SCIENCE IN ELECTRICAL AND ELECTRONIC ENGINEERING

Introduction to the Program

The Department of Electrical and Electronic Engineering is focused on producing high-quality graduates with a broad spectrum of innovative and sustainable engineering knowledge and skills motivated by liberal arts aspects such that they become globally competent both in industry and academia. To achieve this goal, the undergraduate EEE program is designed to develop well-rounded professionals with excellent engineering and analytical skills as well as social and ethical values to access a diverse range of engineering professions at local and global arena.

By offering high-quality education through an updated curriculum, the undergraduate EEE program aims to provide the students with the core principles of Electrical and Electronic Engineering built on a solid foundation of mathematics and natural sciences, as well as help students to develop necessary skills on specific topics of interest on major areas including Power, Electronics, Communication and Computer.

The graduates develop proficiency not only to manage, implement, and deploy engineering technologies, but also to develop and invent new technologies to handle real-life challenges and to become enthusiastic for life-long learning. Besides classroom teaching, students are encouraged to gain hand-on experience by conducting experimental work in state-of-the-art laboratories, solving real-life problems in projects, participating in seminar and workshop, going on study tour and through industry attachments.

The engineering knowledge and skills are complemented with several courses from diverse areas like social sciences, psychology, arts, language, business, and sustainable development through the liberal arts curriculum. These allow our graduates to contribute to the engineering profession as well as to devote to the welfare of society by adopting an array of contemporary and innovative service activities through liberal arts perspective.

Vision

The Department of Electrical and Electronic Engineering is focused on producing high-quality graduates and researchers with excellent analytical skills and social values to become globally competitive.

Mission

The Department of Electrical and Electronic Engineering at ULAB will offer high-quality education through updated curriculum and state-of-the-art laboratory facilities in Electrical and Electronic Engineering on major areas including Electronics, Power, Communication and Computer with a view to producing competent graduates for both industry and academia.

Contribute to the engineering profession and devote to the welfare of society by adopting an array of contemporary and innovative service activities through liberal arts perspective.

Goal of the Program

The goal of the Department of Electrical and Electronic Engineering is to produce graduates with a broad spectrum of innovative and sustainable technical knowledge motivated by liberal arts aspects such that they become competent both in industry and academia to handle real-life challenges and to become enthusiastic for life-long learning.

Degree Requirements

To obtain the BSc degree in EEE, students will have to successfully complete minimum 140 credits. The credit and course requirement for the EEE degree program is shown in the table below.

Additionally, students should read Section (J) of General Academic Policy in this Handbook for the complete set of requirements for earning a bachelor's degree.

Categories	Courses	Credits
General Education Courses (GED)	8	24
Essential Skills (ESK)	4	0
Major Core Courses	17+15L	66
Basic Science	3+2L	11
Mathematics and Statistics	5	12
Major Concentration	4+2L	14
Optional/Minor*	3	9
Final Year Capstone Project	1	4
TOTAL	**44+19L**	**140**

*Students willing to minor must take a total of 5 courses (15 credits).

General Education (GED) Courses

Course Category	No of Courses	Course Code	UNESCO Code	Course Title	Credits
Pre-Uni (based on admission test performance)	1	ELL0099	0231-000-0099	Remidial English	Non-credit
General Education Foundation Courses (GEF)	2	GEF1101	0231-000-1101	Academic English I	3x2 = 6
		GEF1201	0231-000-1201	Academic English II	
Essential Skills	4	ESK 1110	0031-000-1110	Study Skills	Non-Credit
		ESK1111	0031-000-1111	Healthy Life Skills	
		ESK1112	0031-000-1112	Social Skills	
		ESK1113	0031-000-1113	Professional Skills	
ULAB Core Courses	3	UCC1101	0232-000-1101	Bangla Bhasha O Sahitya	3X3 = 9
		UCC1201	0222-000-1201	History of the Emergence of Independent Bangladesh	
		GED2159	0223-000-2159	Professional Ethics	

General Education (GED) Elective/ Optional Courses (GED) one from each tier (Tier I Tier II and Tier III)	3	Tier I		Arts and Humanities	3x3 = 9
		Tier II		Social Sciences	
		Tier III		Natural Sciences	

GED Electives (3 courses / 9 credits)

GED Electives course offerings will vary from term to term. Students will choose a Arts and Humanities course from a list of courses and the other two courses, GED 2243 and GED 2248, must be taken by the students of the EEE department.

Course Code	Course Title	Credits
Complete List of Minor Courses		
Tier 1	Arts and Humanities	3
Tier 2	SSC 2243: Environment and Sustainability (Social Science)	3
Tier 3	NSC 2248: Industrial Management (Natural Science)	3

Essential Skills

Course Code	UNESCO Code	Course Title	Credits
Complete List of Minor Courses			
ESK1110	0031-000-1110	Study Skills	Non-credit
ESK1111	0031-000-1111	Healthy Life Skills	Non-credit
ESK1112	0031-000-1112	Social Skills	Non-credit
ESK1113	0031-000-1113	Professional Skills	Non-credit

Course Catalogue

Basic Science, Mathematics and Statistics, and Program Core Courses (24 theory + 17 lab + Final Year Capstone Project / 93 credits)

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
Basic Science: Physics and Chemistry (3 Theory and 2 Lab)				
PHY 1101	0533-014-1101	Physics I	3	
PHY 1102	0533-014-1102	Physics I Lab	1	
PHY 3101	0533-016-3101	Physics II	3	PHY 1101, MAT 2103
CHEM 1301	0531-016-1301	Chemistry	3	
CHEM 1302	0531-016-1302	Chemistry Lab	1	

Mathematics and Statistics (4 courses)				
MAT1103	0541-014-1103	Calculus and Differential Equations	3	
MAT1203	0541-014-1203	Coordinate Geometry and Complex Variables	3	MAT 1103
MAT2103	0541-014-2103	Linear Algebra and Numerical Analysis	3	MAT 1203
STA2101	0542-014-2101	Probability and Statistics	3	MAT 1203
Program Core Courses (17 Theory + 15 Lab + Final Year Capstone Project)				
EEE1101	0713-016-1101	Electrical Circuits I	3	
EEE1102	0713-016-1102	Electrical Circuits I Lab	1	
EEE1203	0713-016-1203	Electrical Circuits II	3	EEE1101
EEE1204	0713-016-1204	Electrical Circuits II Lab	1	
CSE2105	0613-016-2105	Introduction to Python Programming	3	
CSE2106	0613-016-2106	Introduction to Python Programming Lab	1	
EEE1301	0714-016-1301	Electronic Circuits I	3	EEE 1101
EEE1302	0714-016-1302	Electronic Circuits I Lab	1	
EEE2103	0714-016-2103	Electronic Circuits II	3	EEE 1301
EEE2104	0714-016-2104	Electronic Circuits II Lab	1	EEE 1301
EEE2205	0715-016-2205	Electrical Machines I	3	EEE 1203
EEE2309	0715-016-2309	Electrical Machines II	3	EEE 2205
EEE2310	0715-016-2310	Electrical Machines Lab	1	
EEE2313	0714-016-2313	Signals and Systems	3	MAT 2101
EEE2216	0714-016-2216	Numerical Techniques Simulation Lab	1	MAT 2101
ME2201	0715-016-2201	Introductory Mechanical Engineering	3	
EEE2301	0714-016-2301	Digital Electronics	3	EEE 1301
EEE2302	0714-016-2302	Digital Electronics Lab	1	
EEE3103	0714-016-3103	Digital Signal Processing	3	EEE 2313
EEE3104	0714-016-3104	Digital Signal Processing Lab	1	
EEE3105	0714-016-3105	Electrical Properties of Materials	3	PHY1101
EEE3209	0719-016-3209	Applied Machine Learning	3	
EEE 3210	0719-016-3210	Applied Machine Learning Lab	1	
EEE3109	0714-016-3109	Communication Systems	3	EEE 2313

EEE3110	0714-016-3110	Communication Systems Lab	1	
EEE3207	0713-016-3207	Power System I	3	EEE 1203
EEE3208	0713-016-3208	Power System I Lab	1	
EEE3311	0714-016-3311	Microprocessors and Embedded Systems	3	CSE 2105, EEE 2301
EEE3312	0714-016-3312	Microprocessors and Embedded Systems Lab	1	
EEE3316	0714-016-3316	Electrical Service Design Lab	1	EEE 1203
EEE4103	0714-016-4103	Control System I	3	EEE 2313
EEE4104	0714-016-4104	Control System I Lab	1	
EEE4196 - A	0700-016-4196-A	Final Year Design Project Part - A	1	All 3rd year level courses
EEE4196 - B	0700-016-4196-B	Final Year Design Project Part - B	1	EEE 4196-A
EEE4196 - C	0700-016-4196-C	Final Year Design Project Part - C	2	EEE 4196-B

EEE Concentration Group – 4 theory and 2 lab courses (14 credits)

Students will choose a concentration group consisting of four elective courses. These groups are designed to provide undergraduate specialization in specific topics. The offered groups are:

I. Electronics Concentration
II. Communication and Signal Processing Concentration
III. Power Concentration
IV. Computer Concentration

Students will have to take four elective courses from any one of the concentration groups. Among the four courses, at least two should have corresponding lab courses. If a student chooses elective courses such that more than two courses have corresponding lab courses, the total credits to be completed for the degree will increase accordingly.

Electronics Group

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
EEE4401	0714-016-4401	Solid State Devices	3	EEE 1301
EEE4421	0714-016-4421	Analog Integrated Circuits	3	EEE 2103
EEE4423	0714-016-4423	Processing and Fabrication Technology	3	EEE 3105
EEE4425	0714-016-4425	VLSI I	3	EEE 2301
EEE4426	0714-016-4426	VLSI I Lab	1	
EEE4427	0714-016-4427	VLSI II	3	EEE 4425
EEE4428	0714-016-4228	VLSI II Lab	1	

EEE4429	0714-016-4429	Compound Semiconductor and Hetero-Junction Devices	3	EEE 3105
EEE4430	0714-016-4430	Optoelectronics	3	EEE 3105
EEE4431	0714-016-4431	Biomedical Instrumentation	3	EEE 3103
EEE4432	0714-016-4432	Biomedical Instrumentation Lab	1	
EEE4433	0714-016-4433	Power Electronics	3	EEE 2103
EEE4434	0714-016-4434	Power Electronics Lab	1	
EEE4435	0714-016-4435	Semiconductor Physics	3	EEE 3105
EEE4437	0714-016-4437	Introduction to Nanotechnology	3	EEE 3105

Communication and Signal Processing Group

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
CSE 3209	0612-016-3209	Data Communication and Computer Networks	3	EEE 3109
CSE 3210	0612-016-3210	Data Communication and Computer Networks Lab	1	
EEE 4441	0714-016-4441	Random Signals and Processes	3	STA 2101, EEE 2313
EEE 4443	0714-016-4443	Information and Coding Theory	3	EEE 3109
EEE 4445	0714-016-4445	Microwave Engineering	3	PHY 3101
EEE 4446	0714-016-4446	Microwave Engineering Lab	1	
EEE 4447	0714-016-4447	Digital Communication	3	EEE 3109
EEE 4448	0714-016-4448	Digital Communication Lab	1	
EEE 4449	0714-016-4449	Optical Fiber Communication	3	EEE 3109
EEE 4450	0714-016-4450	Optical Fiber Communication Lab	1	
EEE 4451	0714-016-4451	Wireless and Cellular Communication	3	EEE 3109
EEE 4452	0714-016-4452	Wireless and Cellular Communication Lab	1	
EEE 4453	0714-016-4453	Satellite Communication	3	EEE 3109
EEE 4455	0714-016-4455	Digital Image Processing	3	EEE 3103

Power Group

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
EEE 4433	0714-016-4433	Power Electronics	3	EEE 2103
EEE 4434	0714-016-4434	Power Electronics Lab	1	

EEE 4461	0713-016-4461	Power System II	3	EEE 3207
EEE 4463	0715-016-4463	Electrical Machines III	3	EEE 2309
EEE 4465	0713-016-4465	Power Plant Engineering	3	EEE 3207
EEE 4467	0713-016-4467	Power System Protection	3	EEE 3207
EEE 4468	0713-016-4468	Power System Protection Lab	1	
EEE 4469	0713-016-4469	Power System Reliability	3	
EEE 4471	0713-016-4471	Power System Operation and Control	3	EEE 3207
EEE 4473	0713-016-4473	High Voltage Engineering	3	EEE 3207
EEE 4474	0713-016-4474	High Voltage Engineering Lab	1	
EEE 4475	0714-016-4475	Control System II	3	EEE 4103
EEE 4476	0714-016-4476	Control System II Lab	1	
EEE 4477	0713-016-4477	Renewable Energy Technology	3	EEE 1301, EEE 2309

Computer Group

Course Code	UNESCO Code	Course Title	Credit	Prerequisite
EEE 4479	0714-016-4479	Data Structure and Algorithm	3	CSE 2105
EEE 4480	0714-016-4480	Data Structure and Algorithm Lab	1	
EEE 4481	0714-016-4481	Artificial Intelligence	3	EEE 4479
EEE 4483	0714-016-4483	Internet of Things	3	EEE 3311
EEE 4484	0714-016-4484	Internet of Things Lab	1	
EEE 4485	0541-016-4485	Numerical Methods	3	MAT 2103
EEE 4486	0541-016-4486	Numerical Methods Lab	1	
EEE 4487	0714-016-4487	Computer Architecture	3	EEE 3311
EEE 4489	0714-016-4489	Cloud Computing	3	CSE 2105
EEE 4491	0714-016-4491	Multimedia Communication	3	EEE 3207
EEE 4492	0714-016-4492	Network Programming	3	EEE 3109
EEE 4493	0719-016-4493	Neural Networks and Applications	3	EEE 3103
EEE 4495	0719-016-4495	Object Oriented Programming	3	CSE 2105
EEE 4490	0714-016-4490	Big Data Analytics	3	CSE 2105

Optional/Minor

For EEE Students

EEE students have to complete three (3) courses offered by any departments other than EEE as elective/ optional course. If students from EEE want to do minor, then they have to take five (5) courses from a single degree-granting department of the University (as per the guidance of that particular department).

Minor in EEE (For students of other departments)

Students of other departments wishing to take Optional courses or Minor in EEE can choose from courses listed in the table below. EEE 1101 and EEE 1301 are mandatory for students who do not complete fundamental electrical course(s).

Course Code	UNESCO Code	Course Title	Prerequisite
Complete List of Minor Courses			
EEE 1101	0713-016-1101	Electrical Circuits I	
EEE 1203	0713-016-1203	Electrical Circuits II	EEE 1101
EEE 1301	0714-016-1301	Electronic Circuits I	EEE 1101
EEE 2103	0714-016-2103	Electronic Circuits II	EEE 1301
EEE 2205	0715-016-2205	Electrical Machines I	EEE 1203
EEE 2309	0715-016-2309	Electrical Machines II	EEE 2205
EEE 2313	0714-016-2313	Signals and Systems	
EEE 2301	0714-016-2301	Digital Electronics	EEE 1301
EEE 3103	0714-016-3103	Digital Signal Processing	EEE 2313
EEE 3109	0714-016-3109	Communication Systems	EEE 2313
EEE 3207	0713-016-3207	Power System I	EEE 1203
EEE 3209	0719-016-3209	Applied Machine Learning	
EEE 4103	0714-016-4103	Control System I	EEE 2313
EEE 4421	0714-016-4421	Analog Integrated Circuits	EEE 2103
EEE 4425	0714-016-4425	VLSI I	EEE 2301
EEE 4433	0714-016-4433	Power Electronics	EEE 2103
EEE 4449	0714-016-4449	Optical Fiber Communication	EEE 3109
EEE 4451	0714-016-4451	Wireless and Cellular Communication	EEE 3109
EEE 4453	0714-016-4453	Satellite Communication	EEE 3109
EEE 4455	0714-016-4455	Digital Image Processing	EEE 3103
EEE 4465	0713-016-4465	Power Plant Engineering	EEE 3207
EEE 4477	0713-016-4477	Renewable Energy Technology	EEE 1301

Final Year Capstone Project

The Department of EEE requires that each graduating student of BSc in EEE program completes EEE 4196, Final Year Capstone Project (4 credits). This course is part of a multi-term sequence. All three parts (Part I, Part II and Part III) must be completed to meet the requirements of the sequence. The distribution of credits will be 1+1+2 = 4. Students must pass each part in order, starting from Part I. If any part is not completed, students must begin again with Part I.

To register for EEE 4196A in Term 10, students must have completed a minimum of 105 credits. By the end of the 9th term, they must form a group of 3 to 5 members and select a faculty member from the EEE department as their internal supervisor under the guidance of the EEE department.

Grading will be done based on the report, presentation, continuous assessment, and other assessment methods as decided by the department through 3 semesters. In the Capstone Project, students will apply and cumulate the knowledge and skills that they gathered through theory and lab courses in his/her program. For this reason, each approved Capstone Project should include and properly address the following components: Teamwork, Requirements Analysis, Design and Implementation, Ethics, Societal Impact, Communication, Lifelong, Learning, Modern Tools Usage and Contemporary Issues.

Sample 4-Year Course Distribution

Term	Course Code	Course Title	Credits	Prerequisite
Term 1	EEE 1101	Electrical Circuits I	3	
	EEE 1102	Electrical Circuits I Lab	1	
	MAT 1103	Calculus and Differential Equations	3	
	GEF 1101	Academic English I	3	
Term 2	EEE 1203	Electrical Circuits II	3	EEE1101
	EEE 1204	Electrical Circuits II Lab	1	EEE 1102
	PHY 1101	Physics	3	
	PHY 1102	Physics Lab	1	
	GEF 1201	Academic English II	3	GEF 1101
Term 3	EEE 1301	Electronic Circuits I	3	
	EEE 1302	Electronic Circuits I Lab	1	EEE 1101
	CHEM 1301	Chemistry	3	EEE 1102
	CHEM 1302	Chemistry Lab	1	
	UCC 1101	Bangla Bhasha O Sahitya	3	
	MAT 1203	Coordinate Geometry and Complex Variable	3	MAT 1103

Term 4	EEE 2103	Electronic Circuits II	3	EEE 1301
	EEE 2104	Electronic Circuits II Lab	1	EEE 1302
	STA 2101	Probability and Statistics	3	MAT 1203
	UCC 1201	History of the Emergence of Independent Bangladesh	3	
	MAT 2103	Linear Algebra and Numerical Analysis	3	MAT 1203
Term 5	EEE 2205	Electrical Machines I	3	EEE 1203
	CSE 2105	Introduction to Programming with Python	3	
	CSE 2106	Introduction to Programming with Python Lab	1	
	EEE 2216	Numerical Techniques Simulation Lab	1	MAT 2103
	ME 2201	Introduction to Mechanical Engineering	3	
	GED 2159	Professional Ethics	3	
Term 6	EEE 2309	Electrical Machines II	3	EEE 2205
	EEE 2310	Electrical Machines Lab	1	EEE 1204
	EEE 2313	Signals and Systems	3	MAT 2103
	EEE 2301	Digital Electronics	3	EEE 1301
	EEE 2302	Digital Electronics Lab	1	EEE 1302
	GED Tier 1	One course from Arts and Humanities	3	
Term 7	EEE 3103	Digital Signal Processing	3	EEE 2313
	EEE 3104	Digital Signal Processing Lab	1	
	EEE 3105	Electrical Properties of Materials	3	
	EEE 3109	Communication Systems	3	PHY1101
	EEE 3110	Communication Systems Lab	1	EEE 2313
Term 8	EEE 3207	Power System I	3	EEE 1203
	EEE 3208	Power System I Lab	1	EEE 1204
	EEE 3209	Applied Machine Learning	3	CSE 2105, STA 2101
	EEE 3210	Applied Machine Learning Lab	1	CSE 2106
	GED Tier 2: SSC 2243	Environment and Sustainability	3	
	----------	Optional/Minor #1	3	

Term 9	EEE 3311	Microprocessor and Embedded Systems	3	CSE 2105, EEE 2301
	EEE 3312	Microprocessor and Embedded Systems Lab	1	
	PHY 3101	Physics II	3	
	EEE 3316	Electrical Service Design Lab	1	PHY 1101, MAT 2103
	GED Tier 3: NSC 2248	Industrial Management	3	EEE 1203
	------	Optional/Minor #2	3	
Term 10	EEE 4103	Control System I	3	EEE 2313
	EEE 4104	Control System I Lab	1	
	EEE 4196A	Final Year Design Project – Part A	1	All 3rd year level
	EEE 4--	EEE Concentration Elective #1	3	
	EEE 4--	EEE Concentration Elective #1 Lab	1	
	------	Optional/Minor #3	3	
Term 11	EEE 4--	EEE Concentration Elective #2	3	
	EEE 4--	EEE Concentration Elective #3	3	
	EEE 4--	EEE Concentration Elective #3 Lab	1	
	EEE 4196B	Final Year Design Project – Part B	1	EEE 4196A
Term 12	EEE 4--	EEE Concentration Elective #4	3	
	EEE 4196C	Final Year Design Project – Part C	2	EEE 4196B

*All courses may not be available every term. The Department of Electrical and Electronic Engineering reserves the right to add, drop or substitute individual courses, subject to review by academic authorities.

বাংলা ভাষা ও সাহিত্য বিভাগ

বিভাগ সম্পর্কে

জ্ঞান ও দক্ষতার সমন্বয়ে পেশাগত মান উন্নয়ন ঘটানোই আমাদের লক্ষ্য। মনন ও সৃজন চর্চার মাধ্যমে টেকসই পৃথিবীর যোগ্য নাগরিক হিসেবে শিক্ষার্থীদের তৈরি করা। সামাজিক দায়বোধ ও নেতৃত্ব দানের ক্ষেত্রে সময়োপযোগী পাঠদানে অগ্রাধিকার। শুধু বাংলা সাহিত্যের সামগ্রিক জ্ঞান অর্জনই নয়, বিশ্বসাহিত্য, অনুবাদচর্চা, নৃজাতিগোষ্ঠীর সাহিত্য ও সংস্কৃতি পাঠ বাধ্যতামূলক। বাংলা সাহিত্যের গল্প, উপন্যাস থেকে চলচ্চিত্র দর্শন এবং তুলনামূলক পাঠ যেমন আছে তেমনি ইংরেজি সাহিত্য, সাংবাদিকতা, প্রকৌশলবিদ্যা প্রভৃতি ঐচ্ছিক বিষয় হিসেবে পড়ার অনন্য সুযোগ বাংলাদেশে একমাত্র ইউল্যাবেই।

লক্ষ্য

মাতৃভাষা বাংলা চর্চার মাধ্যমে কাজ ও দক্ষতার সমন্বয়ে বিশ্ব নাগরিক তৈরি করা।

উদ্দেশ্য

সৃজনশীল ও মননশীল সাহিত্য চর্চার মাধ্যমে সামাজিক দায়বোধ ও নেতৃত্বদান সম্পন্ন দেশপ্রেমিক মানুষ তৈরিতে সাহায্য করা।

কেন বাংলা পড়া প্রয়োজন / Program Education Objective (PEO)

PEO1: বাংলা ভাষায় পেশাগত দক্ষতা অর্জন

PEO2: সাংবাদিকতায় শুদ্ধ বাংলা লেখা, সম্পাদনা ও প্রকাশনা হাতে কলমে প্রশিক্ষণ

PEO3: দেশীয় ঐতিহ্য ও সংস্কৃতি সম্পর্কে পাঠ

PEO4: অনুবাদের মাধ্যমে বিশ্ব সাহিত্যের সঙ্গে সম্পর্ক

PEO5: নৃগোষ্ঠীর সাহিত্য- সংস্কৃতি পাঠ ও গবেষণা

PEO6: তথ্য প্রযুক্তিতে মাতৃভাষার প্রয়োগ

PEO7: চিত্রনাট্য, নাটক, বিজ্ঞাপন ও মিডিয়ায় বাংলার ব্যবহার

- বাংলা ভাষা ও সাহিত্যের শিক্ষার্থীরা ৪-বছরের স্নাতক ডিগ্রি প্রোগ্রামে ভর্তি/নথিভুক্ত হয়।

- স্নাতক ডিগ্রি অর্জনের জন্য একজন শিক্ষার্থীকে মোট ১৩০ ক্রেডিট, অথবা ৪৭ টা কোর্স সম্পূর্ণ করতে হবে।

- সব কোর্সের মধ্যে শিক্ষার্থীদেরকে ৩০ টি আবশ্যকীয় কোর্স সম্পূর্ণ করতে হবে। যার মধ্যে ২৯ টি কোর্স ৩ ক্রেডিটের আর ১ টি কোর্স ৪ ক্রেডিটের (গবেষণা রীতি-পদ্ধতি ও মাঠকর্ম) ।

- বাংলা বিভাগের আবশ্যকীয় কোর্স ছাড়াও শিক্ষার্থীদের ৮ টি জেনারেল এডুকেশন কোর্স এবং ৫ টি মাইনর/ অপশনাল কোর্স সম্পূর্ণ করতে হবে।

- ৪ টি নন-ক্রেডিট এসেনশিয়াল স্কিল কোর্স করতে হবে।

- টিউশন ফি ক্রেডিট ভিত্তিতে নির্ধারিত হয়।

ডিগ্রির জন্য প্রয়োজনীয়তা

বাংলা ভাষা ও সাহিত্যে ৪-বছরের স্নাতক ডিগ্রি অর্জনের জন্য প্রয়োজনীয় কোর্সের তালিকা নিচে ছকে দেখানো হয়েছে। তাছাড়া অনান্য প্রয়োজনীয় তথ্যের জন্য শিক্ষার্থীদের হ্যান্ডবুকের সাধারণ নীতিমালা বিষয়ক সেকশন (J) পড়ে নিতে হবে।

কোর্স বিভাজন	কোর্স	ক্রেডিট
আবশ্যিক কোর্স	২৯	২৯ x ৩ = ৮৭
জেনারেল এডুকেশন ফাউন্ডেশন কোর্স	২	২ x ৩ = ৬
ইউল্যাব কোর কোর্স	৩	৩ x ৩ = ৯
এসেনশিয়াল স্কিল	৪	নন ক্রেডিট
জেনারেল এডুকেশন ইলেকট্রিভ কোর্স	৩	৩ x ৩ = ৯
মাইনর/ অপশনাল	৫	৫ x ৩ = ১৫
গবেষণা রীতি-পদ্ধতি ও মাঠকর্ম	১	১ x ৪ = ৪
মোট	**৪৭**	**১৩০**

নোট: টিউশন ও স্নাতকের প্রয়োজনীয়তাগুলো ক্রেডিটের পরিবর্তে কোর্সের ভিত্তিতে গণনা করা হয়

কোর্স ক্যাটালগ

নিম্নলিখিত তালিকায় আবশ্যিক ও ঐচ্ছিক উভয় কোর্সের তথ্য দেখানো আছে।

আবশ্যিক কোর্সের তালিকা

কোর্স কোড	UNESCO কোড	কোর্সের নাম	ক্রেডিট
বিএলএল ১১০১	০২০০-০১৭-১১০১	বাংলা সাহিত্যের ইতিহাস : প্রাচীন ও মধ্যযুগ	৩
বিএলএল ১২০১	০২০০-০১৭-১২০১	বাংলা সাহিত্য : প্রবেশক পাঠ	৩
বিএলএল ১২০২	০২৮৮-০১৭-১২০২	সাহিত্য থেকে চলচ্চিত্রায়ন	৩
বিএলএল ১৩০১	০২০০-০১৭-১৩০১	সাহিত্যের রূপতত্ত্ব : প্রাচ্য ও প্রতীচ্য	৩
বিএলএল ১৩০২	০২০০-০১৭-১৩০২	অনুবাদ সাহিত্য	৩
বিএলএল ২১০১	০২০০-০১৭-২১০১	কবিতা : চর্যা থেকে চণ্ডীমঙ্গল	৩
বিএলএল ২১০২	০০৩১-০১৭-২১০২	ভাষার উপস্থাপন ও লেখার প্রয়োগবিধি	৩
বিএলএল ২১০৩	০২০০-০১৭-২১০৩	সাহিত্যের ইতিহাস : উপনিবেশ ও ঔপনিবেশিকোত্তর	৩
বিএলএল ২২০১	০২০০-০১৭-২২০১	উপন্যাস : উপনিবেশ পর্যায়	৩
বিএলএল ২২০২	০২০০-০১৭-২২০২	ছোটগল্প : উপনিবেশ থেকে মুক্তিযুদ্ধ	৩
বিএলএল ২৩০১	০২১৩-০১৭-২৩০১	নাটক	৩
বিএলএল ২৩০২	০২০০-০১৭-২৩০২	প্রবন্ধ : উদ্ভব ও বিকাশ	৩
বিএলএল ২৩০৩	০২৮৮-০১৭-২৩০৩	নৃগোষ্ঠীর ভাষা-সাহিত্য-সংস্কৃতি	৩
বিএলএল ৩১০১	০২৮৮-০১৭-৩১০১	ভূমিজ সংস্কৃতি ও সাহিত্য	৩
বিএলএল ৩১০২	০২০০-০১৭-৩১০২	কবিতা : উপনিবেশ থেকে মুক্তিযুদ্ধ	৩
বিএলএল ৩১০৩	০২০০-০১৭-৩১০৩	মহাকাব্য : লৌকিক ও সাহিত্যিক	৩
বিএলএল ৩২০১	০২০০-০১৭-৩২০১	উপন্যাস : দেশভাগ পরবর্তী পর্যায়	৩
বিএলএল ৩২০২	০২৩১-০১৭-৩২০২	প্রায়োগিক ভাষাবিজ্ঞান	৩
বিএলএল ৩৩০১	০২০০-০১৭-৩৩০১	বাংলাদেশের সাহিত্য (ভাষা,স্বাধিকার আন্দোলন ও মুক্তিযুদ্ধ)	৩
বিএলএল ৩৩০২	০২০০-০১৭-৩৩০২	সাহিত্যতত্ত্ব ও সমালোচনা সাহিত্য	৩
বিএলএল ৩৩০৩	০২০০-০১৭-৩৩০৩	বিশ্বসাহিত্য: উপন্যাস	৩
বিএলএল ৪১০১	০২০০-০১৭-৪১০১	ছোটগল্প : বিশ্বসাহিত্যের তুলনামূলক পাঠ	৩
বিএলএল ৪১০২	০২১৩-০১৭-৪১০২	বিশ্ব নাটক	৩
বিএলএল ৪১০৩	০০৩১-০১৭-৪১০৩	সম্পাদনা ও প্রকাশনা	৩
বিএলএল ৪২০১	০২০০-০১৭-৪২০১	নারীর আলেখ্য (মধ্যযুগ থেকে বর্তমান যুগ)	৩
বিএলএল ৪২০২	০২০০-০১৭-৪২০২	অভিবাসী সাহিত্য : বাংলা ও বিশ্ব	৩
বিএলএল ৪২০৩	০০৩১-০১৭-৪২০৩	পাণ্ডুলিপি অধ্যয়ন	৩

বিএলএল ৪৩০১	০২৮৮-০১৭-৪৩০১	চলচ্চিত্র ও নিউ মিডিয়া: তাত্ত্বিক ও প্রায়োগিক	৩
বিএলএল ৪৩০২	০০৩১-০১৭-৪৩০২	সৃজনকর্ম	৩
বিএলএল ৪২৯৮	০০৩১-০১৭-৪২৯৮	গবেষণা রীতি-পদ্ধতি ও মাঠকর্ম	৪

৪ বছরের কোর্স বিভাজন

1. Year/ Level/ Semester/ Term wise distribution of courses

a. First Year/ Level/ Semester/ Term courses

Semester 1.1			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ১১০১	০২০০-০১৭-১১০১	বাংলা সাহিত্যের ইতিহাস : প্রাচীন ও মধ্যযুগ	3.0
GEF 1101	০২৩১-০০০-১১০১/ ০২৩১-০০০-০০৯৯	Academic English - I	3.0
UCC 1101	০২৩২-০০০-১১০১	Bangla Bhasha O Shahitya	3.0
ESK 1110	০০৩১-০০০-১১১০	Study Skills	0.0
		Total	**9.0**

Semester 1.2			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ১২০১	০২০০-০১৭-১২০১	বাংলা সাহিত্য : প্রবেশক পাঠ	3.0
বিএলএল ১২০১	০২৮৮-০১৭-১২০২	সাহিত্য থেকে চলচ্চিত্রায়ন	3.0
GEF 1101	০২৩১-০০০-১২০১	Academic English- II	3.0
UCC 1201	০২২২-০০০-১২০১	History of the Emergence of Independent Bangladesh	3.0
ESK 1111	০০৩১-০০০-১১১১	Healthy life Skills	0.0
		Total	**12.0**

Semester 1.3			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ১৩০১	০২০০-০১৭-১৩০১	সাহিত্যের রূপতত্ত্ব : প্রাচ্য ও প্রতীচ্য	3.0
বিএলএল ১৩০২	০২০০-০১৭-১৩০২	অনুবাদ সাহিত্য	3.0
UCC1202	০২২৩-০০০-১২০২	Ethics	3.0
ESK1112	০০৩১-০০০-১১১২	Social Skills	0.0
		Total	**9.0**

a. Second Year/ Level/ Semester/ Term courses

Semester 2.1			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ২১০১	০২০০-০১৭-২১০১	কবিতা : চর্যা থেকে চণ্ডীমঙ্গল	3.0
বিএলএল ২১০২	০০৩১-০১৭-২১০২	ভাষার উপস্থাপন ও লেখার প্রয়োগবিধি	3.0
বিএলএল ২১০৩	০২০০-০১৭-২১০৩	সাহিত্যের ইতিহাস: উপনিবেশ-ঔপনিবেশিকোত্তর	3.0
ESK 1113	০০৩১-০০০-১১১৩	Professional Skills	0.0
GED Tier Course-1		Arts & Humanities	3.0
		Total	**12.0**

Semester 2.2			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ২২০১	০২০০-০১৭-২২০১	উপন্যাস : ঔপনিবেশিক পর্যায়	3.0
বিএলএল ২২০২	০২০০-০১৭-২২০২	ছোটগল্প : উপনিবেশ থেকে মুক্তিযুদ্ধ	3.0
GED Tier Course II		Social Sciences	3.0
		Total	**9.0**

Semester 2.3			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ২৩০১	০২১৩-০১৭-২৩০১	নাটক	3.0
বিএলএল ২৩০২	০২০০-০১৭-২৩০২	প্রবন্ধ : উদ্ভব ও বিকাশ	3.0
বিএলএল ২৩০৩	০২৮৮-০১৭-২৩০৩	নৃগোষ্ঠীর ভাষা-সাহিত্য-সংস্কৃতি	3.0
GED Tier Course 3		Natural Sciences	3.0
		Total	**12.0**

b) Third Year/ Level/ Semester/ Term courses

Semester 3.1			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ৩১০১	০২৮৮-০১৭-৩১০১	ভূমিজ সংস্কৃতি ও সাহিত্য	3.0
বিএলএল ৩১০২	০২০০-০১৭-৩১০২	কবিতা : উপনিবেশ থেকে মুক্তিযুদ্ধ	3.0
বিএলএল ৩১০৩	০২০০-০১৭-৩১০৩	মহাকাব্য: লৌকিক ও সাহিত্যিক	3.0
		Total	**9.0**

Semester 3.2			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ৩২০১	০২০০-০১৭-৩২০১	উপন্যাস : দেশভাগ পরবর্তী পর্যায়	3.0
বিএলএল ৩২০২	০২৩১-০১৭-৩২০২	প্রায়োগিক ভাষাবিজ্ঞান	3.0
Optional/Minor -1			3.0
		Total	**9.0**

Semester 3.3			Semester 3.3
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ৩৩০১	০২০০-০১৭-৩৩০১	বাংলাদেশের সাহিত্য (ভাষা, স্বাধিকার আন্দোলন ও মুক্তিযুদ্ধ)	3.0
বিএলএল ৩৩০২	০২০০-০১৭-৩৩০২	সাহিত্যতত্ত্ব ও সমালোচনা সাহিত্য	3.0
বিএলএল ৩৩০৩	০২০০-০১৭-৩৩০৩	বিশ্বসাহিত্য: উপন্যাস	3.0
Optional/ Minor -2			3.0
		Total	**12.0**

c) Fourth Year/ Level/ Semester/ Term courses

Semester 4.1			Semester 3.3
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ৪১০১	০২০০-০১৭-৪১০১	ছোটগল্প : বিশ্বসাহিত্যের তুলনামূলক পাঠ	3.0
বিএলএল ৪১০২	০২১৩-০১৭-৪১০২	বিশ্ব নাটক	3.0
বিএলএল ৪১০৩	০০৩১-০১৭-৪১০৩	সম্পাদনা ও প্রকাশনা	3.0
Optional/Minor -3			3.0
		Total	**12.0**

Semester 4.2			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ৪২০১	০২০০-০১৭-৪২০১	নারীর আলেখ্য (মধ্যযুগ থেকে বর্তমান যুগ)	3.0
বিএলএল ৪২০২	০২০০-০১৭-৪২০২	অভিবাসী সাহিত্য : বাংলা ও বিশ্ব	3.0
বিএলএল ৪২০৩	০০৩১-০১৭-৪২০৩	পাণ্ডুলিপি অধ্যয়ন	3.0
Optional/ Minor -4			3.0
		Total	**12.0**

Semester 4.3			Credit hour
Course Code	**UNESCO Code**	**Course Title**	**Credit**
বিএলএল ৪৩০১	০২৮৮-০১৭-৪৩০১	চলচ্চিত্র ও নিউ মিডিয়া: তাত্ত্বিক ও প্রায়োগিক	3.0
বিএলএল ৪৩০২	০০৩১-০১৭-৪৩০২	সৃজনকর্ম	3.0
বিএলএল ৪২৯৮	০০৩১-০১৭-৪২৯৮	গবেষণা রীতি-পদ্ধতি ও মাঠকর্ম	4.0
Optional/Minor -5			3.0
		Total	**13.0**
		Grand Total	**130 Credits**

মাইনর কোর্সের তালিকা

বাংলা ভাষা ও সাহিত্যে মাইনর কোর্সের তালিকা (অন্য বিভাগের জন্য)

বিশ্ববিদ্যালয়ের অন্য বিভাগের কোনো শিক্ষার্থী বাংলা ভাষা ও সাহিত্যে মাইনর করতে চাইলে তাকে নিম্নোক্ত পাচঁটি কোর্স সম্পূর্ণ করতে হবে। প্রত্যেক কোর্সের ক্রেডিট সংখ্যা ৩।

Minor Courses

Course Code	UNESCO Code	Course Title	Credit
BLL1202	0288-017-1202	Literature in Film	3
BLL 2101	0200-017-2101	Kobita: Charja to Chondi	3
BLL 2102	0031-017-2102	Presentation & Application of Bangla Writing	3
BLL 2303	0288-017-2303	Ethnic Language & Literature	3
BLL 3101	0288-017-3101	Vernacular and Folk Literature	3
BLL 3103	0200-017-3103	Epic: Primary & Secondary.	3
BLL 3201	0200-017-3201	Bangla Novel: Post-partition	3
BLL 4103	0031-017-4103	Professional Bangla	3

সৃজনশীল ও সহ-শিক্ষাক্রম

সেন্টার ফর বাংলা স্টাডিজ, সৃজনী সংঘ, বির্তক সংসদ, অনুবাদ সংসদ, চলচ্চিত্র সংসদ ও বাংলা থিয়েটারসহ বিভিন্ন কর্মকাণ্ডের মধ্য দিয়ে সৃজনশীল ও সহ-শিক্ষাক্রম পরিচালনা। সেমিনার, ওয়েবিনার, কর্মশালা, সাহিত্য ও সংস্কৃতি সপ্তাহ, নবান্ন উৎসব, পহেলা বৈশাখ, বনভোজনসহ বিভিন্ন ঐতিহাসিক ও দর্শনীয় স্থান পরিদর্শন। আন্তর্জাতিক সাহিত্য উৎসব (Dhaka Lit Fest)-এর সঙ্গে প্রত্যক্ষ-পরোক্ষভাবে সংযুক্ত হওয়া। দেশীয় ও আন্তর্জাতিক পরিসরে স্বনামধন্য লেখক, অনুবাদক, সম্পাদক, সাংবাদিক, পরিচালক, নির্দেশক বিভাগের সঙ্গে সম্পৃক্ত আছেন।

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE AND SUSTAINABILITY

Introduction to the Program

The Bachelor of Environmental Science and Sustainability program provides a comprehensive curriculum that includes courses in core natural and sustainability sciences, supported by a strong liberal arts foundation. This program aims to train students from diverse backgrounds to comprehend interconnected systems and adopts a transdisciplinary approach to ensure graduates can build a nation ready to face the challenges of the post-SDG era beyond 2030. The program also cultivates critical thinking, problem-solving, creativity, and collaboration among students. It addresses the growing demand for professionals with skills in sustainable development in Bangladesh, where stakeholders ranging from the government to private companies are transitioning towards a sustainable future, ensuring social harmony, safeguarding the environment, and promoting positive economic growth.

Vision

Our vision is to offer the leading Environmental Science and Sustainability degree in Bangladesh, the first of its kind in the country. We are committed to educating future leaders by providing a comprehensive and innovative program that integrates knowledge, skills, and values to advance a sustainable future.

Mission

Our mission is to nurture the continuous growth of our students by delivering the highest standards of education in environmental science and sustainability. We aim to cultivate critical thinking, leadership, and a deep commitment to excellence. Through cutting-edge research and innovative teaching, we will generate and share new knowledge that advances environmental, social, and economic sustainability in Bangladesh, while strengthening the nation's connection to global sustainability practices.

Program Education Objective (PEO)

Graduates of the BSc in Environmental Science and Sustainability will:

PEO 1: Gain a strong foundation in environmental science and sustainability, understanding how natural and social systems interact.

PEO 2: Think critically and solve problems, drawing on diverse sources of knowledge to tackle real-world sustainability challenges.

PEO 3: Communicate with impact, by developing clear, confident, and persuasive oral and written skills for professional and community settings.

PEO 4: Be aware and responsible, recognizing how environmental issues affect people, society, and the planet.

PEO 5: Design creative solutions by synthesizing knowledge across disciplines to address local, national, and global sustainability challenges.

PEO 6: Lead with integrity, applying an advanced understanding of legal, ethical, and social issues to shape sustainable futures.

PEO 7: Contribute meaningfully to society, becoming responsible, engaged professionals and changemakers in their communities and beyond.

In the Bachelor of Environmental Science and Sustainability (ESS), each student must take a total of 43 academic courses, along with 4-6 non-credit pre-uni and essential skills courses to fulfill the graduation requirements. The total 130 credits required are distributed in coursework, essential skill modules, and an internship or project. Each ESS graduate must complete 29 ESS courses, consisting of 23 major core courses and 6 major concentration courses, in addition to a full term of internship or project work. In addition, an ESS graduate is required to take 8 courses consisting of 2 general education foundation (GEF), 3 ULAB core courses (USCC), and 3 general education courses (GED). Furthermore, a student has to take 5 courses from any chosen Minor area.

Degree Requirements

All students must complete foundation and general education courses, including Pre-University, General Education Foundation (GEF), ULAB Core (UCC), General Education (GED), and Essential Skills modules.

Categories	Courses	Credits
Essential Skills	4	Non-Credit
Pre-Uni Course*	2	Non-Credit
General Education Foundation (GEF) Courses	2	6
General Education (GED) Courses	3	9
ULAB Core Courses (UCC)	3	9
Major Core Courses	23	69
Major Elective (Concentration) Courses	6	18
Minor/Optional Courses	5	15
Dissertation/Project/Internship	1	4
TOTAL	**43**	**130**

* Assigned to students based on their performance in the admission test.

Course Catalogue

ESS Core Courses

Course Code	UNESCO Code	Course Title	Credits
ESS1101/SSC2157	0521-018-2157	Introduction to Sustainable Development	3
ESS1105	0511-018-1105	Introduction to Biology	3
ESS4182	0541-018-4182	Mathematics	3
ESS2101	0542-018-2101	Statistics and Probability	3
ESS2114	0421-018-2114	Environmental Policy & Law	3
ESS2146	0314-018-2146	Globalization	3
ESS2532	0532-018-2532	Introduction to Atmospheric Science	3
ESS2115	0312-018-2115	Introduction to Public Policy and Governance	3
ESS2209/ GED209/ NSC2283	0521-018-2209	Introduction to Environmental Science	3
ESS2212	0314-018-2212	World Geographies	3
ESS2249	0312-018-2249	International Human Rights and Justice	
ESS2250	0312-018-2250	International Relations	3

ESS2121	1021-018-2121	Solid Waste Management	3
ESS2282	0522-018-2282	Biodiversity and Nature Conservation	3
ESS2301	0531-018-2301	Organic and Inorganic Chemistry	3
ESS2400	0311-018-2400	Global Political Economy	3
ESS2401	0314-018-2401	Development Studies	3
ESS3110	0731-018-3110	Sustainable Cities	3
ESS3112	0731-018-3112	Seminar on Grassroots Economic Development	3
ESS3142	0310-018-3142	Methods of Social Research	3
ESS3213	0532-018-3213	Geographic Information System	3
ESS3243	0521-018-3243	Corporate Sustainability	3
ESS3360	0529-018-3360	Environmental and Social Impact Assessment	3
ESS1106	0519-018-1106	Introduction to Ecology	3

Major Electives (Concentration)

Major Concentration in Natural Systems

Course Code	UNESCO Code	Course Title	Credits
ESS4100	0529-018-4100	Water Quality & Resource Management	3
ESS4114	0712-018-4114	Natural Hazard and Disaster Management	3
ESS2184	0713-018-2184	Renewable Energy	3
ESS4147	0712-018-4147	Environmental Information System	3
ESS2151	0532-018-2151	Introduction to Climate Change	3
ESS2185	0810-018-2185	Sustainable Agriculture	3
ESS4172	0532-018-4172	GIS & Remote Sensing	3

Major Concentration in Social Systems

Course Code	UNESCO Code	Course Title	Credits
ESS4105	0314-018-4105	Human Dimensions of Environmental Management	3
ESS4148	0314-018-4148	Gender and Society	3
ESS4153	0312-018-4153	Introduction to Political Ecology	3
ESS4145	0413-018-4145	Entrepreneurship	3
ESS4149	0314-018-4149	Social Inequality and Diversity	3
ESS4162	0222-018-4162	Cultural Resource Management	3
ESS4188	0521-018-4188	Sustainability Science	3

Minor in Sustainable Development

Sustainable Development is about thinking and working in a holistic and integrated way to Meet the three pillars of development – social, environmental, and economic. It is expected that the sustainability professionals will promote environmental protection, social responsibility, and profitability. Since 2018, CSD is offering its up-to-date Minor in "Sustainable Development Studies" to the students of ULAB. The minor consists of diverse courses led by a precise curriculum and expert faculty members covering taught content knowledge, but also practical orientation on action research, social development, real-life skill generation, and exposure to national and international organizations. After completion of this minor program, students will be able to develop the required capacities for designing development projects, improve their research and management skills, receive opportunities to expand horizons of cross-cultural and intercultural understanding, and build on entrepreneurial, innovative business and marketing skills.

Coursework and Requirements

Students interested in declaring a Minor in Sustainable Development Studies are required to take a total of five courses (15 credits), two compulsory and any three from the list of optional courses:

Compulsory

Course Code	UNESCO Code	Course Title	Credits
ESS1011	0521-018-1011	Introduction to Sustainable Development	3
ESS3142	0310-018-3142	Methods of Social Research	3

Optional (any three of the following)

Course Code	UNESCO Code	Course Title	Credits
ESS2209		Introduction to Environmental Science	3
ESS4121		Renewable Energy	3
ESS2282		Biodiversity and Nature Conservation	3
ESS2151		Introduction to Climate Change	3
ESS4185		Sustainable Agriculture	3
ESS3112		Seminar on Economic Grass Roots Development	3
ESS4114		Natural Hazard and Disaster Management	3

Students from any department can do a Minor in Sustainable Development Studies. To join the courses in SDS Minor, students will have to be currently enrolled at ULAB and they have to complete 69 Credits of their bachelor degree.

Term-wise 4-Year Course Distribution

Term	Course Code	UNESCO Code	Course Title	Credits
Term 1	ESS1011/ GED205/ SSC2157	0521-018-1011	Introduction to Sustainable Development	3
	ELL0099/ GEF1101	0231-000-0099/0231-000-1101	Remedial English/Academic English I	3
	UCC1101	0232-000-1101	Bangla Bhasha O Shahitya	3
	ESK1110	0031-000-1110	Study Skills	
Term 2	ESS2212	0314-018-2212	World Geographies	3
	GEF1201	0231-000-1201	Academic English II	3
	UCC1201	0222-000-1201	History of Emergence of Independent Bangladesh	3
	ESK1111	0031-000-1111	Healthy Life Skills	
Term 3	ESS2209/ GED209/ NSC2283	0521-018-2209	Introduction to Environmental Science	3
	ESS1182	0541-018-1182	Mathematics	3
	UCC1202	0223-000-1202	Ethics	3
	ESK1112	0031-000-1112	Social Skills	
Term 4	ESS2101	0542-018-2101	Statistics and Probability	3
	ESS2250	0312-018-2250	International Relations	3
	ESS2249	0312-018-2249	International Human Rights and Justice	3
	GED Tier 1 Course (Arts and Humanities)			
	ESK1113	0031-000-1113	Professional Skills	
Term 5	ESS2301	0531-018-2301	Organic and Inorganic Chemistry	3
	ESS2146	0314-018-2146	Globalization	3
	NSC2282	0522-018-2282	Biodiversity and Nature Conservation	3
	GED Tier 2 Course (Social Sciences)			3

Term 6	ESS2532	0532-018-2532	Introduction to Atmospheric Science	3
	ESS2401	0314-018-2401	Development Studies	3
	ESS2115	0312-018-2115	Introduction to Public Policy and Governance	3
	GED Tier 3 Course (Natural Science)			3
Term 7	ESS3110	0731-018-3110	Sustainable Cities	3
	ESS3213	0532-018-3213	Geographic Information System	3
	ESS3243	0521-018-3243	Corporate Sustainability	3
	ESS2114	0421-018-2114	Environmental Policy and Law	3
Term 8	ESS2400	0311-018-2400	Global Political Economy	3
	ESS2121	1021-018-2121	Solid Waste Management	3
	Major Elective-1			3
	Optional/ Minor-1			3
Term 9	ESS3360	0529-018-3360	Environmental and Social Impact Assessment	3
	Major Elective-2			3
	Major Elective-3			3
	Optional/ Minor-2			3
Term 10	ESS3112	0731-018-3112	Seminar on Economic Grass Roots Development	3
	Major Elective-4			3
	Optional/ Minor-3			3
	Minor Elective-4			3
Term 11	ESS3142	0310-018-3142	Methods of Social Research	3
	Major Elective-5			3
	Major Elective-6			3
	Minor Elective-5			3
Term 12	Internship/ Project			4

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