Requirements for the BBA Major in Finance Program

a) In the School of Business undergraduate courses are grouped into 4 groups. Following is the distribution of courses under these 4 groups:

<table>
<thead>
<tr>
<th></th>
<th>1 Foundation Courses</th>
<th>2 Core Courses</th>
<th>3 Major: i) Course work- 18 Credits</th>
<th>4 Minor</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>ii) Internship/Sr.Project- 06 Credits</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>40-41 Credits</td>
<td>15 Credits</td>
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<td></td>
<td></td>
<td></td>
<td>45 Credits</td>
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<td></td>
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<td></td>
<td>24 Credits</td>
<td></td>
</tr>
</tbody>
</table>

Student doing major in Finance may choose his/her minor any one from the following disciplines:
Accounting, Marketing, General Management, Human Resources Management, Management Information System, International Business

Total variable requirement for Graduation 124 – 125 credits

b) Duration of the BBA Program is 4 years
c) Total credit hours is 124-125
d) Admission requirements: As per UGC direction
e) Degree requirements include:
   i) Completion of 124 credits
   ii) Completion of Internship Program 6 credits
   iii) A minimum CGPA of 2
f) Proposed Evaluation system includes:
   i) Final Examination 40
   ii) Mid Term Examination 20
   iii) Class Attendance 10
   iv) Class Test(s) 20
   v) Assignments/ Case Analysis 10

Total= 100
<table>
<thead>
<tr>
<th>Foundation Courses</th>
<th>Credits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication Skills</strong></td>
<td>9</td>
<td>CCH101</td>
</tr>
<tr>
<td>1. ENG 101 Listening and Speaking Skills</td>
<td>3</td>
<td>CCH102</td>
</tr>
<tr>
<td>2. ENG 102 English Reading Skills</td>
<td>3</td>
<td>CCH103</td>
</tr>
<tr>
<td>3. ENG 105 Business English</td>
<td>3</td>
<td>CCH104</td>
</tr>
<tr>
<td>4. ENG 106 Advanced English Skills</td>
<td>3</td>
<td>CCH105</td>
</tr>
<tr>
<td>5. ENG 202 Introduction to English Literature</td>
<td>3</td>
<td>CCH106</td>
</tr>
<tr>
<td><strong>Computer Skills</strong></td>
<td>3</td>
<td>CCH107</td>
</tr>
<tr>
<td>6. CIS 101 Fundamentals of Computer System</td>
<td>3</td>
<td>CCH108</td>
</tr>
<tr>
<td>7. CSC 101 Introduction to Computer Science</td>
<td>3</td>
<td>CCH109</td>
</tr>
<tr>
<td><strong>Numeracy</strong></td>
<td>6</td>
<td>CCH110</td>
</tr>
<tr>
<td>8. MAT 100 Basic Mathematics I</td>
<td>3</td>
<td>CCH111</td>
</tr>
<tr>
<td>9. MAT 210 Basic Mathematics II</td>
<td>3</td>
<td>CCH112</td>
</tr>
<tr>
<td>10. MAT 101 Intermediate Mathematics II</td>
<td>3</td>
<td>CCH113</td>
</tr>
<tr>
<td>11. MAT 211 Probability and Statistics</td>
<td>3</td>
<td>CCH114</td>
</tr>
<tr>
<td>12. MAT 102 Introduction to Linear Algebra</td>
<td>3</td>
<td>CCH115</td>
</tr>
<tr>
<td>13. MAT 212 Statistics for Sc. &amp; Engr.</td>
<td>3</td>
<td>CCH116</td>
</tr>
<tr>
<td><strong>Natural Sciences</strong></td>
<td>7-8</td>
<td>CCH117</td>
</tr>
<tr>
<td>14. CHE 101 Chemistry</td>
<td>3</td>
<td>CCH118</td>
</tr>
<tr>
<td>15. CHE 101L Chemistry Lab</td>
<td>1</td>
<td>CCH119</td>
</tr>
<tr>
<td>16. PHY 101 Physics-I</td>
<td>3</td>
<td>CCH120</td>
</tr>
<tr>
<td>17. PHY 101L Physics-I Lab</td>
<td>1</td>
<td>CCH121</td>
</tr>
<tr>
<td>18. PHY 102 Physics-II</td>
<td>3</td>
<td>CCH122</td>
</tr>
<tr>
<td>19. PHY 102L Physics-II Lab</td>
<td>1</td>
<td>CCH123</td>
</tr>
<tr>
<td>20. BIO 102 Biology and Society</td>
<td>3</td>
<td>CCH124</td>
</tr>
<tr>
<td>21. BIO 102T Biology and Society Tutorial</td>
<td>1</td>
<td>CCH125</td>
</tr>
<tr>
<td>22. CHE 102 Chemistry and Society</td>
<td>3</td>
<td>CCH126</td>
</tr>
<tr>
<td>23. CHE102T Chemistry and Society Tutorial</td>
<td>1</td>
<td>CCH127</td>
</tr>
<tr>
<td>24. ENV 101 Introduction to Environmental Science</td>
<td>3</td>
<td>CCH128</td>
</tr>
<tr>
<td>25. ENV 102 World Geography</td>
<td>3</td>
<td>CCH129</td>
</tr>
<tr>
<td>26. ENV 102T World Geography Tutorial</td>
<td>1</td>
<td>CCH130</td>
</tr>
<tr>
<td>27. PSY 201 Principles of Psychology</td>
<td>3</td>
<td>CCH131</td>
</tr>
<tr>
<td><strong>Social Sciences</strong></td>
<td>6</td>
<td>CCH132</td>
</tr>
<tr>
<td>28. ANT 101 Introduction to Anthropology</td>
<td>3</td>
<td>CCH133</td>
</tr>
<tr>
<td>29. SOC 101 Introduction to Sociology</td>
<td>3</td>
<td>CCH134</td>
</tr>
<tr>
<td>30. HEA 101 Health and Society</td>
<td>3</td>
<td>CCH135</td>
</tr>
<tr>
<td>31. ECN 200 Introduction to Economics</td>
<td>3</td>
<td>CCH136</td>
</tr>
<tr>
<td>32. CMN 201 Basic Business Communication</td>
<td>3</td>
<td>CCH137</td>
</tr>
<tr>
<td>33. SOC 202 Social Psychology</td>
<td>3</td>
<td>CCH138</td>
</tr>
<tr>
<td>34. SOC 310 Sociology of Organization</td>
<td>3</td>
<td>CCH139</td>
</tr>
<tr>
<td>35. SOC 301 Social Science Research Method</td>
<td>3</td>
<td>CCH140</td>
</tr>
<tr>
<td><strong>Humanities</strong></td>
<td>6</td>
<td>CCH141</td>
</tr>
<tr>
<td>36. NCH 101 National Culture and Heritage -I</td>
<td>3</td>
<td>CCH142</td>
</tr>
<tr>
<td>37. BPH 101 Bangladesh Political History</td>
<td>3</td>
<td>CCH143</td>
</tr>
<tr>
<td>38. BLA 101 Bangla Literature &amp; Art</td>
<td>3</td>
<td>CCH144</td>
</tr>
<tr>
<td>Any one of the above three Courses is mandatory</td>
<td></td>
<td>CCH145</td>
</tr>
<tr>
<td>39. HST 103 History and Civilization</td>
<td>3</td>
<td>CCH146</td>
</tr>
<tr>
<td>40. AAT 101 Art and Aesthetics</td>
<td>3</td>
<td>CCH147</td>
</tr>
<tr>
<td>41. MUS 101 Music Appreciation</td>
<td>3</td>
<td>CCH148</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
<td>Credits</td>
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<tr>
<td>FRN 101</td>
<td>Elementary French I</td>
<td>3</td>
</tr>
<tr>
<td>PHL 101</td>
<td>Introduction to Philosophy</td>
<td>3</td>
</tr>
<tr>
<td>PHL 206</td>
<td>Philosophy of Comparative Religions</td>
<td>3</td>
</tr>
<tr>
<td>LFE 201</td>
<td>Live-in-Field Experience</td>
<td>3</td>
</tr>
</tbody>
</table>
Course Descriptions: Foundation Courses

ENG 101 Listening and Speaking Skills (3 credits)
Listening for main ideas and specific information, getting meaning from context, identifying stressed words and reductions, listening for advice, directions, understanding instructions, guessing meaning, inferring, predicting, listening to lectures and note taking, listening to narratives and amusing anecdotes. Speaking as social interaction, to obtain and give information, telephone conversations, introductions, greetings, partings, giving instructions, making complaints, apologies, giving directions, opinions and suggestions, expressing feelings and moods, attitudes and opinions. Classroom interaction, asking for clarification and giving explanations, descriptions, comparisons, analysis, and evaluations. Speeches, presentations, debates and discussions at seminars and conferences. Pronunciation with emphasis on intonation, stress patterns, paralinguistic, features.

ENG 102 English Reading Skills (3 credits)
Micro-skills of reading- predicting, skimming and scanning, lexis/ vocabulary, sentence structures, text organization, sequence markers, cohesive ties and coherence, getting direct meaning and inferring, purposes and styles of writing, understanding graphic data, figurative language and rhetoric, understanding underlying themes and values, attitudes and ideologies, responding to reading- critical evaluation, note-making, paraphrasing, and summarizing. Reading and responding to newspapers, journals, magazine articles, periodicals and other texts on current affairs. Poetry and fiction. Using a dictionary, thesaurus, glossaries and strategies for reading textbooks for reference. In addition to class exercises, students are expected to read newspapers, journals, magazines, periodicals and textbooks on selected themes in gathering information and presenting a term-end paper as part of the course assessment apart from a written paper of two hours duration.
Text: 1) Effective Reading, By-Green all, Simon, Michael Swan. 2) Quest-(1&2), By-Blass Lau rice & Hartman Pamela.

ENG 105 Business English (3 credits)
The role of communication in business organization, a model of the communication process, perception and reality, the filter of the mind, some malfunctions of communication, principles of clear business writing, qualities of effective business correspondence, the direct approach letters, the indirect approach, persuasive requests and collection letters, sales letters, job applications and resume writing, office memorandums, the problems and organization of a report, determination of a report make-up, techniques of writing a report, visual aspects in a report, public speaking and oral communication.
Text: 1) Progress to Vantage, By- Colin Benn, Paul Dunmett, Nicholas Sheared. 2) New INT. Business English, By-Leo Jones Richard Alexander.
ENG 106 Advanced English Skills (3 credits)
Advanced skills in reading- Critical reading and responding, analysis and evaluation of
texts styles, comparing different purposes and registers, writing critiques of articles, text
books and reviews, reading scientific and technical articles, journals and research
papers. Writing in response to reading, notes, summaries, term papers, seminar and
workshop presentations, collaborative writing on wider topics. Speeches and debates.
Writing in narrative and expository modes. Writing research papers, abstracts,
formulating thesis questions and statements, making bibliographic surveys, writing
research questions for surveys and interviews, gathering and presentation of data,
drawing conclusions, abbreviations and numbers, quotations, footnotes and references,
bibliographies, tables, illustrations, editing and proofreading. Term paper mandatory.
(Prerequisite: ENG 104)
Text: 1) Opportunity for skillful Reading, By- Joffe L. Inwin. 2) Quick Guide to Writing
Great Research paper, By- Rozakis Laurice Schamus.

ENG 202 Introduction to English Literature (3 credits)
Reading and examination of works of poetry, prose, fiction and drama, with a view to
developing the student appreciation and enjoyment of the use of rhetorical devices such
as narration’s point of view, imagery, overstatement, understatement, metaphor and
other figures of speech, irony, allusion etc. and of technical details such as plot
character and setting. The course also considers the critical evaluation of the meanings
expressed by the literary works.
Text: 1) An Introduction to Literature, Criticism & Theory, By- Bennet 2) Dictionary of
Literary Terms, By-Kennedy.

CIS 101 Fundamentals of Computer Systems (3 credits)
Organization of digital computers, types of computers, history and generations, Binary
numbers, BCD and ASCII codes. Microcomputers and bus organized architecture of
microcomputer, motherboards and adopters, primary and secondary memories, Input/output peripheral devices, system bus, ISA and PCI buses. Software
classification, operating systems, introduction to windows and UNIX. Application
software: word processing spreadsheet and database software, programming
languages, assembles and complies. Computer networks, concept of LAN, WAN and
Internet, Internet services and WWW, introduction to multimedia systems. Power supply
and power conditioning, general maintenance of computer.
Text: Introduction to Computers, By- Peter Norton.

CSC 101 Introduction to Computer Science (3 credits)
Introduction to Desktop personal computers. Hardware and software. Basic idea of the
working of microprocessors. Storage devices. System components: Variation. Basic
concepts of BIOS. Diskette Operating System. Internal and external commands.
Function keys. Line editors and screen editors. Batch files. BASIC programming
Looping and arrays. Dimensioning arrays. Subprograms. ho operations. Word
Processing: On-and practice with one of the word processors: Word, WordPerfect or WordStar. Will cover: Basic editing, formatting, pagination, margin control, spell checking, searching and sorting.
Text: Peter Norton’s introduction to computers, By-Peter Norton.

**MAT 100 Basic Mathematics I (3 credits)**
Theory of numbers: number systems. Set Theory: notations, subset, superset; Algebra of sets, Venn-Euler diagrams. Coordinates and locus; definition of Cartesian, Polar and spherical coordinate systems; distance between two points; interpolation and extrapolation. Straight line: equations in slope form, intercept form; linearity of tree points. Circle: general equation of a circle; tangent at a given point. Tangent from an outside point. Calculus: limits and continuity; Differential calculus; differentiation of product and quotient; application of differentiation; integral calculus; integration by parts; application of integral calculus. Vector and Matrices: units vectors; Algebra of vectors; dot and cross products; elementary concepts of a matrix; elementary row operations; solutions of linear equations.
Text: Algebra: Abstract and Modern, By- Swamy

**MAT 210 Basic Mathematics II (3 credits)**
Coordinate geometry: Cartesian coordinate systems, liner equations. Sets real number system and complex number system. Functions: linear function, Quadratic function, Power, Exponential and logarithmic functions. Trigonometric functions. Graph of these functions. Solving system of two equations. Discrete probability, discrete statistics.
Text: Coordinate Geometry and Vector Analysis By -Latif and Vattacharjee

*Prerequisite: MAT 100.*

**MAT 101 Intermediate Mathematics II (3 credits)**
Basics: Basic Algebra, Sets, Functions and graphs; Factorization (including cubics); Inverse and composite functions; Exponential and logarithm functions; Trigonometrical functions.
Differentiation: The meaning of derivative; Standard derivatives; Product rule, quotient rule and chain rule; Optimization; Curve sketching; Economic applications of the derivative: marginal and profit maximization.
Integration: Indefinite integrals; Definite integrals; Standard integrals; Substitution method; Integration by parts; Partial fractions; Economic applications of integration: Determination of total cost from marginal cost and cumulative changes.
Functions of several variables: Partial differentiation; Implicit partial differentiation: Critical points and their natures; Optimization; Economic applications of optimization; Constrained Optimization and Lagrange multiplier method; The meaning of the Lagrange multiplier; Economic applications of constrained optimization.
Matrices and linear equations: Vectors and matrices and their algebra; System of linear equations and their expression in matrix form; Solving systems of linear equations using row operations (in the case where there is a unique solution); Some economic/managerial applications of linear equations.


**MAT 211 Statistics (3 credits)**
Introduction: Nature of statistics, organizing data, Elementary summation signs.
Data collection: Elements of survey design, the stages of a survey, ideas of randomness, observation and experiment.
Data presentation and analysis: Descriptive statistics-mean median, mode, variance, skewness and kurtosis. Measures of location and dispersion, pictorial and graphical representation.
The Normal Distribution: Estimation of mean, proportion, standard deviation, confidence intervals and hypothesis testing. Ideas of testing for differences between means and proportions. The use of Student’s t.
Goodness of fit: The chi-square distribution and contingency tables.
Regression and correlation: An introduction to the ideas of regression and correlation, least Squares, estimation of a, b and r, scatter diagrams.

*Prerequisite: MAT 101.*

**MAT 102 Introduction to Linear Algebra (3 credits)**
Functions, limits and continuity; Differential calculus; differentiation of product and quotient; application of differentiation; integral calculus; integration by parts; application of integral calculus; vectors and matrices: unit vectors; algebra of vectors; dot and cross products; elementary concepts of a matrix; matrix algebra; row operations; solutions of a system of linear equations.

**MAT 212 Statistics for Sc. & Engr. (3 credits)**
Discrete and continuous random variables; probability concepts; discrete and continuous distributions; Binominal, Poisson, Normal, Exponential distributions; moments and moment generating functions; joint probability distributions; sampling distributions and estimation; confidence intervals; least-square regression; hypothesis testing; analysis of variance; Markov process, Monte-Carlo simulation.

**CHE 101 Chemistry (3 credits)**
saturated hydrocarbons, unsaturated hydrocarbons, alcohols, fatty acids and aromatic hydrocarbons. Concept of chemical industries in Bangladesh: case studies: chemical fertilizer, paper, sugar and leather.


CHE 101L Chemistry Lab (1 credit)

PHY 101 Physics - I (3 credits)
Mechanics: vectors; motion in one- & two- dimension; Newton’s laws of motion; work, energy and momentum; rotation; elasticity. Heat & thermodynamics: temperature and heat; first law of thermodynamics; second law of thermodynamics. Waves & acoustics: periodic motion & simple harmonic motion; mechanical waves & vibrating bodies; acoustic phenomena. Optics: nature and propagation of light; reflection & refraction; lenses and optical instruments; interference and diffraction.

Text: 1) Conceptual Physics, By- Hewitt, 2) Preparing for General Physics, By- Pickar.

PHY 101 Physics – I Lab (1 credits)

PHY 102 Physics II (3 credits)
Electricity & Magnetism Coulomb’s law, electric field, Gauss’s law; electric potential; capacitance and dielectric; current, resistance, EMF; magnetic field; induction & inductance; DC circuits — RC, RL & LC circuits; alternating currents & circuits; electromagnetic waves. Electronics: network theorems; basic semiconductor concepts; semiconductor diode and rectifier circuits; bipolar transistor, FET, MOSFET; amplifier and operational amplifier.


PHY 102 Physics II Lab (1 credits)

BIO 102 Biology and Society (3 credits)
An introduction to the fundamental concepts, principles, and theories of modern biology. The course will introduce students with limited science backgrounds to topics in cellular and molecular biology, biochemistry, and genetics. Biological applications in today’s society, as well as the emergence of the “business of biology” or the biotechnology sector, will be touched upon. The overall goal is to help students become more scientifically literate. When possible, students will be asked to explore and discuss current scientific literature and/or news articles illustrating pertinent concepts.

Text. 1) Biology and Society, By- Paul R. Ehrlich. 2) Biology as Society, Society as Biology: Metaphors, By- Sabine Meesen.

BIO 102 T Biology and Society Tutorials (1 Credit)
The tutorial classes are designed to present the concept of theories to the students of non-science in a very simple and illustrative way.
**CHE 102 Chemistry and Society (3 credits)**
Text: 1) Chemistry and Society, By- Kristin Hendrickson. 2) Chemistry and Society: Lab and Lecture, By- Zona Athoms.

**CHE 102T Chemistry and Society Tutorials (1 Credit)**
The tutorial classes are designed to present the concept of theories to the students of non-science in a very simple and illustrative way.

**ENV 101 Introduction to Environmental Science (3 Credits )**
Fundamental concepts and scopes of environmental science. Earth's atmosphere, hydrosphere, lithosphere and biosphere. Humans and nature; technology and population; ecological concepts and ecosystems; environmental quality and management; agriculture, fisheries, forestry and wildlife. Energy and mineral resources; renewable and nonrenewable resources. Environmental degradation; pollution and waste management, Environmental policy and planning, Environmental Conventions and Laws.
Text: 1) Environmental Science, By- G. Tyler Miller and Scott E. Spoolman. 2) Environmental Science A Global Concern, By- William P. Cunningham and Mary Ann Cunningham.

**ENV 102 Commercial Geography (3 credits)**
An overview of the physical forces which have shaped the continents and imparted a distinctiveness to various countries. A brief discussion of the historical events which have influenced present day political geography. Discussion of the Heartland theory. Environmental factors affecting the trade & Commerce of different location will be reviewed. The geography of continents and their surrounding oceans will be the setting for in-depth study of certain key countries, particularly of their economic geography.
Text: 1) World Geography and Cultures, By- McGraw Hill. 2) The World Today: Concepts and Regions in Geography, By- Harm de Blij, Peter O. Muller, Jan Nijman and Antoinette M.G.A. WinklerPrins,

**ENV 102 T Commercial Geography Tutorial (1 Credit)**
The tutorial classes are designed to present the concept of theories to the students of non-science in a very simple and illustrative way.

**PSY 201 Principles of Psychology (3 credits)**
Key definitions and concept-Major Theories of Personality - The Behaviour Machine - Intelligence - Emotion - Motivation Values - Stress - Copying Mechanisms Interpersonal Relationship Interpersonal Conflict - Self Concept Psychological Development.
**ANT 101 Introduction to Anthropology (3 credits)**
Definition, Branches of Anthropology: Physical Anthropology, Social and Cultural Anthropology, Archaeology, Linguistic; Relation of Anthropology with other disciplines; Different Schools of Anthropology: Evolution, Diffusionism, Functionalism, Neo-evolution, Structuralism; Kinship and Descent: Descent Groups, Corporate Groups, Kinship Terminologies; Marriage: Rules of Marriage, Incest, Taboo, Endogamy and Exogamy, Residence: Patrilocal, Matrilocal, Neolocal, Virilocal, Duelocal; Economic Anthropology: Labour Organization, Land Ownership, Capital, Technology, Production, Distribution and Exchange, Barter and Trade; Political Organization.
Text: Anthropology: the exploration of human diversity, By- Kottak, Conrad Phillip.

**SOC 101 Introduction to Sociology (3 credits)**
Introductory Sociology is designed to acquaint the beginning students with the major concepts and theories. With a brief discussion of its history and contributions of the major sociologists the course introduces the students to the methodology of social research. The course then looks at the major concepts, like culture, groups, socialization, deviance and social control. The next section deals with social inequality in terms of social stratification, global inequality, and inequalities among ethnic groups, gender and of age. It then moves to the different institutions like, family, religion, education, economy, and government and politics. The next section deals with population, environment, urbanization and finally with collective behaviour and social movements and social change.
Text: 1) Introduction to sociology, By- Giddens, Anthony. 2) Introduction to sociology, By- Tischler, Henry L.

**HEA 101 Health and Society (3 credits)**
This course aims to introduce students to an understanding of key sociological approaches to the analysis and understanding of health and society. The course covers concepts of health and disease, patterns of health and the social construction of disease. Special attention is given to develop knowledge on theories central to the notion of health, including the social, cultural and institutional forces and context that play a role on health and health related practices. The purpose is to help establish a perspective that will enable the students to better understand the relationship between health and society as well as to provide skills and knowledge for research experiences. The course also provides an overview of the basic concepts of population studies that will help students develop their own demographic perspective, enabling them to understand some of the most important issues confronting the world. The course will use a combination of methods, such as lectures, debates, preparation of assignments by reviewing journal articles and presentation.

**ECN 200 Introduction to Economics (3 credits)**

CMN 201 Basic Business Communication (3 credits)
Communication concepts and definition; scope and purpose of human communication; process of communication; basic models of communication. Non-verbal communication. Contexts and level of communication: intrapersonal, interpersonal, group, organizational and mass communication; functions of communication: psychological and sociological perspectives; interpersonal relationship: self-discloser and Johari widow, transactional analysis. Group and organizational communication - nature and types; Mass communication: factors affecting mass communication and mass media; perspective of mass communication, uses and effects of media: media uses and gratifications, media and socialization: Internet and mass media; gender and mass media. Text: Introduction to Communication Research, By- John C Rainerd.

SOC 202 Social Psychology (3 credits)
This course examines how individuals perceptions, belief systems, identities and behaviours form the orders of gender, age, race and placements: their roles within the institutions of family, work, religion and community. Various theories in social psychology are used to examine the issues of socialization, conformity and deviance, aggression and altruism, prejudice and discrimination, group interaction and dynamic, group productivity, satisfaction and motivation and leadership. Text: 1) Social Psychology, By- David G. Myres, 2) Social Psychology, By- Tom Gilovince.

SOC 310 Sociology of Organization (3 credits)
This course introduces the students to social organization discourse; organizational systems-the contingency approach, structural and contextual dimensions. It examines the relationship between organization and the individual; organization group dynamics and power; organizational culture in relation to social class, family formation, gender relations, work and the economy. Text: 1) Sociology: an Introduction, By- Thio, Alex, 2) Sociology: a global perspective, By- Ferrante, Joan Description: Belmont : Wadsworth Publishing,

SOC 301 Social Science Research Method (3 credits)
The students are introduced to the logical sequence of the research process and the value of using research for scientific knowledge building. The course covers the connection between theory and social research; ethical issues involved in conducting research relating to diverse population; quantitative and qualitative method of inquiry, data analysis and writing scientific reports. The course contents include, Introduction to the basic concepts of social inquiry: theory hypothesis, empiricism, generalizability, probability, causality, induction, deduction. Key Issues : purposes, time dimensions, units of analysis or research. Social science research approaches : paradigm, theory and practice. Conceptualization, operationalization, validity, reliability and measurement. Research Process: from the research question to writing proposal to preparing the scientific report. Research Designs: Quantitative, qualitative and mixed methods of research- data collection techniques, data analysis and interception of research results. Ethical considerations and scientific report writing.


**NCH 101 National Culture and Heritage I (3 credits)**

The anthropological background of the people; Physical and environmental geography; The characteristics of Bengali culture; Archaeological evidence of the cultural heritage; Kingdoms and empires; Advent of the Muslims and its impact; The Mughal rule; Religion and society in Mediaeval. Bengal; (a) religious tolerance and conflicts, (b) Social conditions; Middle Bengali literature.

Text: Bangladesh: national culture and heritage; an introductory reader, By- Bazlul Mobin Chowdhury.

**BPH 101 Bangladesh Political History (3 credits)**

Introduction, political conditions in ancient period and ruling dynasties, archeological sites: Mahasthan, Mainamati, Paharpur, Wari Bateswar, Muslim conquest, of Bengal and political unification of Bengal, Bengal under the Sultans, Bengal under the Mughals, Foreign travelers in ancient and medieval period, idea of golden period, Coming of the Europeans and the political conditions in early 18th century, Battle of Palashi (1757) and the establishment of the rule of the English East India Company in Bengal. Permanent settlement and the extension of the company's rule over other parts of India, The Hindu society and the reform movements (19th century): Raja Rammohan Roy, Ishar Chandra Vidyasagar, The Muslim society and the reform movements: Hazia Shahriatullah, Titumir, Nawab Abdul Latif, Sayeed Amir Ali, Peasant movements in Bengal, Muslim separatism in the 19th century Partition of Bengal 1905, Major politics events in Bengal and India (1905-1947), Economic backwardness of Bengal under British Colonial Rule. The Language Movement, 1952, Movement for Autonomy in East Pakistan, Economic Disparity between the two wings of Pakistan, War of Liberation, 1971, Political Development since 1971.

Text: Bangladesher itihas : adhunik yugh, By- Ramesh Chandra Majumder, 2) Discover the monuments of Bangladesh, By- Nazimuddin Ahmed
BLA 101 Bangla Literature and Arts (3 Credits)
Text: Bengali folklore collections and studies (1800-1947), By- Ashraf Siddiqui, 2) Banglar Sahitya-itihas, By- Sukumar Sen

HST 103 History & Civilization (3 credits)
Text: 1) World civilizations: their history and their culture, By- Ralph, Robert E Lerner, Standish Meacham, Alat T Wood. 2) A history of civilization: prehistory to 1715, By - Robin W Winks, Crane Brinton, John B. Christopher, Robert Lee Wolf.

AAT 101 Art and Aesthetics (3 credits)
Introduction, concepts and principle of Aesthetics; History of civilization; Introduction to Indian Mythology; People and Art; History of Paintings; Theory of Bengali Paintings; Objectives of Bengali Paintings; Mughal Paintings; Bengali Paintings and Western Influence; Bangladeshi Painting in the pre-Liberian period 1947-1970; Bengali folk painting and craft, Impressionism, Expressionism and Modern Bangladeshi Paintings; Practical orientation to museum study; Post Modernism in Bengali paintings.
Introduction to History of music; Early medieval Bengali music; Tune and lyrics of Bengali music (17th to mid 19th century). Bengali Folk songs, Contemporary Bangladeshi Music; Western influence in Bangladeshi Music; Introduction to Origin of Bengali Theatre; Genera of Bengali Theatre; Modern Theories and forms of Bengali Theatre; Conclusion.


**MUS 101 Music Appreciation (3 credits)**
Introduction; The origin of Bengali Music; Basic materials and properties of Bengali Music; Kirtan and other medieval Bengali Music; Musical instrument of Bengal; The renaissance of Bengali music n the music of humanism, the music of mannerism. Folk and traditional Bengali Music; Lyric and aesthetics of Bengali Music; Tribal music of Bengal; Contemporary Bangladeshi music; mind and music; Conclusion.

Text: Tonal harmony with an introduction to twentieth-century music, By- Stefan Kostka, Dorothy Payne.

**FRN 101 Elementary French I (3 credits)**

Text: French: Elementary - 100 Reproducible Activities, By- Danielle Degregory.

**PHL 101 Introduction to Philosophy (3 credits)**

Text: 1) Philosophy: A Very Short Introduction, By- Edward Craig. 2) An Introduction to Philosophy, By- George Stuart Fullerton.

**PHL 206 Philosophy of Religion (3 credits)**
Students will be required to acquire a general knowledge of its fundamental teachings of the principal world-religions and their philosophical and psychological interpretations and implications.


**Live-in-Field Experience**

**LFE 201: Live-in-Field Experience (3 Credits)**
The course is intended to expose CIU students to experience life in the cross-cultural situation obtained in the country, and to the practice of the field survey method. It is usually offered during the semester break in the winter and summer.

Core Courses

<table>
<thead>
<tr>
<th>Core Courses</th>
<th>45 Credits</th>
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<tbody>
<tr>
<td>1. ACN 201</td>
<td>Principles of Accounting 3</td>
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<tr>
<td>2. ACN 202</td>
<td>Management Accounting I 3</td>
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<td>3. BUS 201</td>
<td>Introduction to Business 3</td>
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<tr>
<td>4. BUS 202</td>
<td>Business Mathematics 3</td>
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<tr>
<td>5. ECN 201</td>
<td>Principles of Microeconomics 3</td>
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<td>7. FIN 201</td>
<td>Introduction to Finance 3</td>
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<tr>
<td>8. MKT 201</td>
<td>Principles of Marketing 3</td>
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<tr>
<td>9. MGT 201</td>
<td>Principles of Management 3</td>
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<tr>
<td>10. HRM 301</td>
<td>Human Resource Management 3</td>
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<tr>
<td>11. MGT 330</td>
<td>Operations Management 3</td>
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<tr>
<td>12. BUS 360</td>
<td>Introduction to Business Law 3</td>
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<tr>
<td>13. MIS 442</td>
<td>Management Information Systems 3</td>
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<tr>
<td>14. BUS 485</td>
<td>Business Research Methods 3</td>
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<tr>
<td>15. MGT 490</td>
<td>Strategic Management 3</td>
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</table>
Course Descriptions: Core Courses

ACN 201 Principles of Accounting (3 credits)
Accounting: An Overview and Analysis, Understanding the Recording Process, the Adjusting Process, the Accounting Cycle: Components for Completion, Accounting for Merchandising Inventory, Reporting and Analyzing Inventory.
Text: Accounting Principles, By - Jerry J. Weygandt, Donald E. Kieso & Paul D. Kimmel.

ACN 202 Management Accounting I (3 credits)
Text: Managerial Accounting, By - Ray H. Garrison and Eric W. Noreen.
(Prerequisite: ACN 201)

BUS 201 Introduction to Business (3 credits)
Text: Understanding Business, By- William G. Nickels, James M. McHugh & Susan M. McHugh

BUS 202 Business Mathematics (3 credits)
Text: Mathematics for Managerial Decisions, By- Robert J. Childress & Robin D. Gorsky
(Prerequisite: MAT 101 or equivalent)

ECN 201 Principles of Microeconomics (3 credits)
Introduction: The Economic Problem; production possibility frontiers, specialization and trade, comparative advantage.
The Theory of Consumer Behaviour: rationality, revealed preferences and utility, indifference curves, utility maximization, demand functions, substitution and income effects, substitutes and complements, demand elasticity.
The Theory of the Firm: technology and production functions, returns to scale, returns to factor of production, the law of diminishing marginal return, iso-qants and iso-cost, profit maximization, cost functions, the distinction between the long and the short run, fixed and variable costs, the firm’s supply function.
Markets: demand and supply, equilibrium, competitive industry (the competitive firm, entry and exit, short-run and long-run equilibrium), monopoly, natural monopoly, monopolistic. Reasons for market failure.
Factors Market: demand and supply of labour (utility maximization and the supply of labour, profit maximization and the demand for labour), factors affecting labour market equilibrium (unions).

ECN 202 Principles of Macroeconomics (3 credits)
Aggregation: the problem of aggregation, value added and the NNP=Y identity, depreciation, capital formation in a closed economy without a government. National accounts of a closed economy.
The Goods Market: consumption, investment, aggregate demand, income determination, equilibrium, the multiplier, consumption and taxation, the government budget, automatic stabilizers (the financing of government), aggregate demand and equilibrium (IS), the multiplier and taxation, the role of fiscal policy, alternative view of equilibrium-savings and investment, the paradox of thrift.
Money and Banking: the role of money, real balances, the quantity theory of money, the liquidity preference approach and the demand for money (liquid assets), commercial banks and the supply of money (banks and the various multipliers), central banks and monetary control, equilibrium in the money market (LM).
General Equilibrium: the IS-LM model, monetary and fiscal policies in a closed economy.
The Open Economy: national accounts of the open economy, capital formation in an open economy, demand for exports and imports and their effect on aggregate demand, the net-export function, the multiplier of an open economy.
Exchange Rate Determination and the Money Sector: the balance of payments, foreign currency market, the determinants of demand and supply of foreign currency, capital mobility, the rate of interest and the price of foreign currency, the difference in the impact on the system under different exchange rate regimes.
**Prices, Inflation and Unemployment:** Aggregate Demand (AD), Aggregate Supply (AS), the Keynesian and the Classical AS, the problems with explaining stagflation. The Phillips Curve, the augmented Phillips Curve and the role of expectations in explaining stagflation, price levels and unemployment, the determinants of the short-run aggregate supply, the effects of an exogenous raw material price shock.

Text: Economics, By- McConnell, Campbell, and Stanley Brue.

**FIN 201 Introduction to Finance (3 credits)**

An overview of financial management, financial statements, cash flows and taxes, Risk and rates of return, time value of money, Bonds and their valuation, stocks and their valuation, the cost of capital, basics of capital budgeting, cash flow estimation and risk analysis, capital structure and leverage, dividends and share repurchase, managing current asset, financial planning and forecasting, multinational financial management.

Text: Fundamentals of financial management, By- Brigham and Houston, *(Prerequisite: ACN 201, BUS 202, MAT 211)*

**MKT 201 Principles of Marketing (3 credits)**


Text: Principles of Marketing, By- Kotler, P. & Armstrong, G.

**MGT 201 Principles of Management (3 credits)**

Managing and the managers, the management process, managerial levels and skills, development of management thoughts, the environment and culture of organization, ethics and social responsibility, planning process, decision making, the elements of organizing, organizational design and structure, organization change, individuals and organization, motivating employee performance, leadership and influence process, interpersonal relationship, communications, managing conflicts, the control process, managing productivity, management in perspective.


**HRM 301 Human Resources Management (3 credits)**


Text: 1) Human Resource Management, By- Gary Dessler, 2) Reference: Human Motivation *(Prerequisite: MGT 201)*
MGT 330 Operations Management (3 credits)
Text: Operations Management, By- William J. Stevenson. (Prerequisite: MAT 211)

BUS 360 Introduction to Business Law (3 credits)
The legal environment. Awareness of issues relating to managers and organization’s rights and objectives under the law. Overview of the Bangladeshi legal system and the legal structure of business. Contract and tort law. Business operations in the context of laws relating to trade practices, banking, international trade and mergers and acquisitions.
Text: 1) Commercial Law Including Company Law and Industrial Law, By- Arun Kumar Sen & Jitendra kumar Mitra, 2) A text Book of the Bangladesh Labour Act, By- Dr. Zulfiquar Ahmed. (Prerequisite: BUS 201)

MIS / CIS 442 Management Information Systems (3 credits)
Text: Management Information System, By- Kenneth C. Loudon and Jane P. Loudon, (Prerequisite: Senior Standing)

BUS 485 Business Research Methods (3 credits)
The nature of business and management research; formulating and clarifying research topic; Understanding research philosophies and approaches; Research process; formulating the research design; Selecting samples; Collecting primary and secondary data; Analysis of quantitative and qualitative data; Writing research report.
Text: Research Methods for Business Students, By- Mark Saunders, Philip Lewis & Adrian Thornhill. (Prerequisite BUS 202, MAT 211)

MGT 490 Strategic Management (3 credits)
Ventures - Corporate Performance, Governance, and Business Ethics - Implementing Strategy
(Prerequisite: MGT 201, Senior Standing)

Major and Minor Courses of Finance:

Course requirements for Major in Finance: 18 Credits
Course requirements for Minor in Finance: 15 Credits

<table>
<thead>
<tr>
<th>List of courses for both Finance Major &amp; Minor</th>
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<td><strong>Group: A (Mandatory)</strong></td>
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<tr>
<td>FIN 301 Business Finance I 3</td>
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<td>FIN 302 Business Finance II 3</td>
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<tr>
<td>FIN 401 Banking &amp; Finance 3</td>
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<td>FIN 460 Investment Management 3</td>
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<tr>
<td><strong>Group: B (Optional)</strong></td>
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<tr>
<td>FIN 305 Financial Reporting Environment 3</td>
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<tr>
<td>FIN 405 Management of Financial Institution 3</td>
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<td>FIN/MGT 440 Insurance and Risk Management 3</td>
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<td>FIN 461 Financial Derivatives 3</td>
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<tr>
<td>FIN/ECN 470 International Finance 3</td>
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<tr>
<td>FIN/MGT 480 International Financial Management 3</td>
</tr>
</tbody>
</table>
Course Descriptions: Finance Courses

FIN 301 Business Finance I (3 credits)
Financial planning and control: purpose; pro forma balance sheet model; operating and financial risk; breakeven analysis and leverage. Working capital management: working capital policy; management of cash and marketable securities; receivables management; inventory management. Short-term financing: sources of short-term financing; accruals, accounts payable, short-term bank loans; choosing a bank; use of receivables and inventory as security in short-term financing. Long-term financing decision: common stocks, preferred stocks, bonds, and leasing.
Text: Fundamentals of Corporate Finance, By-Ross, Westerfield, Jordan,
(Prerequisite: FIN 201)

FIN 302 Business Finance II (3 credits)
Risk and return; leverage and capital structure decisions; Modigliani-Miller (MM) irrelevance theory; effects of financial distress, agency cost and asymmetric information on MM theory; finding the optimal capital structure; dividend policy; dividend stability; maintaining stock price stability; bankruptcy, reorganisation and liquidation; business combination and analysis of mergers; introduction to international financial management; investment analysis of multinational companies.
Text: Principle of Corporate Finance, By- Brealey Myers,
(Prerequisite: FIN 301)

FIN 305 Financial Reporting Environment (3 credits)
Text: Financial Accounting and reporting, By-Prentice Hall. Barry Elliot and Jamie Elliot.  (Prerequisite: ACN 301)

FIN 401 Banking and Finance (3 credits)
Text: Commercial Bank Management, by - Peter S. Rose.  
(Prerequisite: FIN 301)

FIN 405 Management of Financial Institution (3 credits)  
Theory of financial intermediation. Sources of money. Money and capital markets. Regulation of financial markets and institutions. Operations of commercial banks, mutual funds, pension funds, investment banking firms, consumer finance companies etc. Their lending procedures, sources and uses of funds, management of various risks. Operations of multilateral institutions: ADB, WB and the IMF.
Text: Financial Market & Institutions, By- Anthony Saunders & Marcia Millon Cornett,  
(Prerequisite: FIN 301)

FIN/MGT 440 Risk and Insurance Management (3 credits)  
(Prerequisite: BUS 360, MGT 201)

FIN 460 Investment Management (3 credits)  
Introduction to investment; participating in the securities market; basic stock valuation concepts; investment in special situation; bonds and fixed investment fundamentals; bond valuation and investments; duration and reinvestment concepts; convertibles and warrants; mutual funds; real asset investment; portfolio management.
Text: Fundamentals of Investments, Valuation and Management, By- Charles J. Corrado & Bradford D. Jordan,  
(Prerequisite: FIN 302)

FIN 461 Financial Derivatives (3 credits)  
Introduction to financial derivatives; mechanics of forward and futures market; hedging strategies using futures; determination of forward and futures prices; interest rate futures; mechanics of option market; swaps; option pricing models: Black-Scholes-Merton model; risk management with options; other important options contract: stock index options and options on futures; derivatives mishaps and lessons learned.
Text: Derivatives: Markets, Valuation, and Risk Management, By -Robert Whaley,  
(Prerequisite: FIN 302)

FIN/ECN/MGT 470 International Finance (3 credits)  
Analysis of the impact of international trade and payments on price formation, allocation of resource, economic welfare, and the level of economic activity in trading countries. Political considerations. Full employment, effects and considerations. Price stability.

Text: Multinational Financial Management, By- A.C. Shapiro. *(Prerequisite: ECN 201, ECN 202)*

**FIN / MGT 480 International Financial Management (3 credits)**

Environment of international financial management, exchange rate determination and the international monetary system; balance of payment and international economic linkages; the foreign exchange market- forward, futures and options; parity conditions and currency forecasting. Multinational working capital management. Foreign investment analysis: Foreign direct investment and corporate strategy; the cost of capital for foreign direct investment. International financing and international financial market.

Text: International Financial Management, By- Jeff Madura. *(Prerequisite: FIN 201)*

**Internship or Senior Project**

The Internship/Senior Project is a curriculum option in all schools of the University. Its objective is to provide the students an opportunity to get acquainted with the workplace environment. It also gives the students a chance to find out how to apply the classroom knowledge in solving practical problems. The internship or the senior project carries 6 credits.

**Internship (On-the-Job-Experience)**

The internship takes place in a firm/organization or an institution. It may cover a field of study or any of its specialization. The choice of the host organization for the internship is made by the student as well as the school and must be approved by the school. A formal understanding is signed between the institution/firm and the University (i.e. its respective school). This understanding shall stipulate a work plan, phases and review, and a final date for the completion of the assignment. Based on consultation with the academic advisor, the internee will prepare a proposal and submit it to the School Internship/Senior Project Committee. Once approved, the student will be assigned a faculty supervisor and a supervisor from the host organization, who for that period will be regarded as an adjunct faculty. Thereafter, these two supervisors will be responsible for guiding the student and monitoring the progress of the internship work. At the end of the internship period, a final report is to be submitted to the school. A viva voce examination is held to assess the performance of the student.

**Senior Project (Research/Field Action)**

Senior project is carried out by the University jointly with one faculty or a team of faculty members and it places greater emphasis on the practice of research or field action methodology than on a line or staff function in a firm/institution. It may be the whole or part of a research or a field action project executed by the University with faculty members as the principal investigator/project director. The student shall perform as a junior "colleague" and share responsibilities of project planning, design, selection of techniques, and report writing. The procedures of senior project engagement are the same as those of internship placement. However, a senior project may not have an
"external" supervisor. Students who wish to pursue a senior project must have CGPA of 3.5 or above.