

OPTIONAL THEORY

The cultural history of human Development in different regions of the world as depicted in architecture. Vernacular architecture and social interaction. The evolution of 'society-power structure- architecture'. The influence of the various art and cultural movements.

(A generalized course for both architecture and non-architecture students.)

Definition and Concepts of Ecosystems. Ecosystem Structure: Order in nature, Food chain and webs; Decomposition and Ecological Pyramids. Ecosystem dynamics: Energy flows, material re-cycling, nutrients, productivity, ecosystem boundaries. Demographic factors and processes: Population distribution; growth and change, regional differences; Basic concepts for sustainable urban development; Urban eco-systems: ecological means of community and settlement formation, Industrial ecology, urban environmental pollution, ecological management of cities. Rural settlements and environmental control. Definition, concepts and strategies of sustainable development.

Financial Accounting: Objectives and importance of accounting; Accounting as an information system; Accounting equation; Accounting cycle; Journal-Ledger – Trial Balance – Preparation of financial report – analysis and interpretation.

Cost Accounting: Cost concepts and classifications; Cost behavior and flexible budget; Cost – volume – profit analysis; Break-even analysis; Overhead costing; Cost sheet; Accounting for construction contracts; Long run planning and control: Capital budgeting.

BLOCK B**GED COURSES (GROUP 1)**

ARCH 901
Society, Culture and Architecture
2.00 Credits. 2 Hrs/Wk

HUM 903
Ecology and Sustainable Development
2.00 Credits. 2 Hrs/Wk

GED COURSES (GROUP 2)

HUM 905
Cost and Financial Accounting
2.00 Credits. 2 Hrs/Wk

BLOCK B**GED COURSES (GROUP 2)**

HUM 907
Development Studies
2.00 Credits. 2 Hrs/Wk

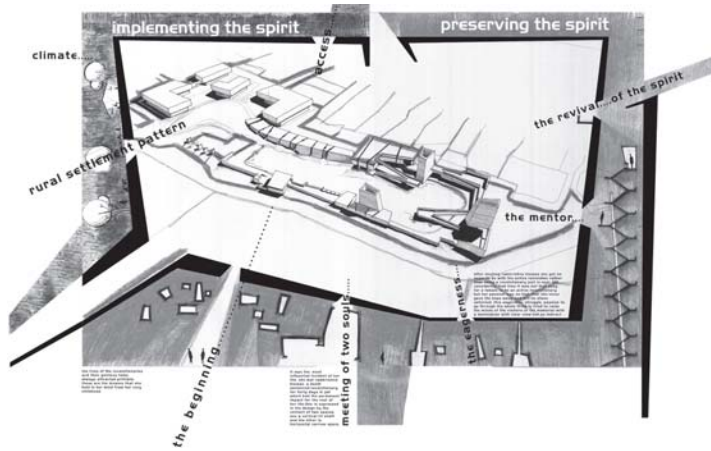
OPTIONAL THEORY

The Meaning of Development: definitions; economic growth and economic development; various dimensions, milestones in developmental thinking. Introductions to Development Studies: origin, evolution, nature, focus, utility, and trends; the hybrid nature of this social science. Classical Theories of Growth and Development: balanced and unbalanced growth; structural changes and patterns of development; Harrod-Domar growth model, the Lewis theory of development, the international dependence revolution; the solow neoclassical growth model, the new growth theory. Basic Schools of Thoughts in Development: ideas and evolution of developmental thinking; modern critique of development theories; recent patterns of thinking on development. Measuring Development: the challenge, development indicators and their compatibility; income distribution and poverty, human development index; some structural characteristics of LDCs and DCs. Culture and Development: thinking about culture and development, culture; bringing culture and development together. Environment and Development: nature, issues, arguments, problems and challenges. Globalization and Development: nature, issues, arguments, problems and challenges.

The final design project undertaken by students of Level 5 Term II in partial fulfillment of the requirement of the Degree of Bachelor of Architecture is termed as Thesis/Project. Each student needs to defend the Thesis/Project in a Final Jury who will decide the acceptability of the thesis.

The Thesis/Project enables students to fully articulate their concepts and understanding of architecture as a discipline. It provides them the scope to reflect on understanding of the pattern of life, culture, and the sense of history. At the same time the thesis/project enable the examiners to assess the maturity, competence and the ability of the students, to handle projects independently.

The student prepares and submits a thesis/project proposal in Level 5, Term 1 for approval of the Department. On approval, a detailed design programme is prepared. The individual student is to ensure that the programme is followed through, from the conceptual up to the final design stages. The design should reflect a minimum standard of professional competence.



THESIS / PROJECT

3.4



3.5

SUBMISSION RULES

The submission rules apply for students' sessional works. It is framed by the Board of Undergraduate Studies and approved by the Examination Committee of the Department. However, it is subject to change from time to time.

GENERAL RULES FOR DESIGN AND SESSIONAL COURSES

1. Date of Submission of the sessional class project will be declared at the time of the introduction of the project. There will be no late submission for class projects.
2. In special cases, where a student require special consideration, the respective Course Teacher/s can make necessary adjustments only after having approval from the Head of Department. If the classes of the University could not be held due to an accident, calamity or in situation beyond the control of students/teachers, with the permission from the respective Course Teacher/s & the Head of Department, the submission will take place in the next working day.
3. All submissions, evaluation & jury will take place before the preparatory leave.



Offered to URP department

CORE SESSIONAL

Forms in nature, their understanding and evolution; Two dimensional composition, points, straight lines and curves, and geometric shapes; Understanding and use of composition elements like balance, proportion, scale, harmony, movement, etc.

Lettering; Mechanical and freehand drawings; Use of scale and instruments; Sectional and isometric views of solid geometric figures, plan, elevation, and section; One and two point perspectives; Shade and shadow of different projection drawings.

Application of design and planning principles and techniques of landscape developments; Site analysis and study of landscape elements; Application of landscape conservation principles and strategies on regional level development process.

OPTIONAL THEORY

Historical overview of urban design - from tree dwelling to Renaissance; Definition of urban design, its aims and objectives; Elements of design: unity and space, proportion and scale, balance, uniformity and contrast, etc. and their application in urban design; Urban aesthetics; Urban spaces and their types and perception; City planning and design according to artistic principles, approaches and levels of analysis.



COURSES FROM ARCHITECTURE DEPT. 3.6

ARCH 106 (L-1/T-I)
Basic Design
3.00 Credits. 6 Hrs/Wk

ARCH 116 (L-1/T-I)
Graphics for Planners
3.00 Credits. 6 Hrs/Wk

ARCH 226 (L-2/T-II)
Landscape Planning Studio
3.00 Credits. 6 Hrs/Wk

ARCH 355 (L-3/T-II)
Urban Design
3.00 Credits. 6 Hrs/Wk

(L-1/T-II) **ARCH 145**
Element of Architecture
2.00 Credits. 2 Hrs/Wk

(L-2/T-II) **ARCH 233**
Landscape Planning and Design
2.00 Credits. 2 Hrs/Wk

3.7

ADMC

CORE THEORY

Introduction to Architecture and Architectural Design; Elements of composition: balance, scale, proportion, etc.; Understanding of different architectural historical periods: Ancient, Classical, Roman, Gothic Renaissance, Baroque, Rococo; Different art movements and their impact; The cultural history of human development in different regions of the world as depicted in architecture; Environmental and regional influences on architecture in Bangladesh.

Introduction to landscape planning and its scope; Historical references landscape planning and design; Basic design methods and approaches; Ecological systems and climatic elements; Landscape conservation in macro and regional level; Landscape planning in urban scale for residential, recreational and commercial environments; Site development objectives and design principles; Plantation and plantation design.

Architecture Department Monitoring Committee (ADMC) was formed to shape the department's vision and setting its goal; recommend improvement of teaching and learning qualities within the Department, with special focus on the Design Studios. ADMC also propose, time to time, to the Board of Undergraduate Studies any changes and modifications needed for upgrading the Undergraduate Curriculum and the Course System.

