

B.A. (Hons) Interior Design

Interior design describes a group of various yet related projects that involve turning an interior space into an "effective setting for the range of human activities" that are to take place there. An interior designer is someone who conducts such projects. Interior design is a multifaceted profession that includes conceptual development, liaising with the stakeholders of a project and the management and execution of the design. The primary objective of this program is to educate men and women in future direction of Design.

Eligibility Criteria: 10+2 or equivalent in any stream

To earn a B.A.(Hons) in Interior Design a student has to earn a minimum of 90 credits. Min 24 credits to be earned from Interior Design subjects and remaining can be taken from any stream

Every student has to attain a minimum of D grade in all courses; a student may however, and repeat or change any course being offered. Notwithstanding, every student must acquire the desired number of credits. The detailed course structure under different categories is given in succeeding pages. Brief description of the course content follows thereafter.

Code	Subject	Credits
1B.101	Art and Graphics	4
1B.102	Historical and Contextual Referencing I	4
1B.103	Construction I	4
1B.104	Technical Drawings I	4
1B.105	Design Principles	4
1B.106	Typographic Ideas I	4
1B.107	Cultural Interpretation	4
1B.108	Building Materials	4
1B.109	Construction II	4
1B.110	Interior Design	4
1B.111	Computer Applications I	4
1B.112	Technical Drawings II	4
1B.113	Historical and Contextual Referencing II	4
1B.114	Climatology	4
1B.201	Typographic Ideas II	4
1B.202	Computer Applications II	4
1B.203	Retail Design	4
1B.204	Construction III	4
1B.205	Estimation	4
1B.206	Visual and Personal Presentation	4
1B.207	Image Manipulation	4
1B.208	Visual Communications	4
1B.209	Furniture Design	4
1B.210	Computer Applications III	4
1B.211	Construction IV	4
1B.212	Exhibition Design	4
1B.213	Building Services I	4
1B.301	Health, Safety and Welfare	4
1B.302	Law and Contracts	4
1B.303	Packaging	4
1B.304	Photography Media, Techniques and Technology	4
1B.305	Design and Function-Office Design	4
1B.306	Marketing	4
1B.307	Building Services II	4
1B.308	Website Design	4
1B.345	Project	4

1B.101 Arts and Graphics

Credit: 4

In this subject students will be encouraged to develop visual thinking and creativity as fundamental to all art, design or craft work. This subject will enable students to experiment with drawing approaches and techniques in order to broaden their experience and understanding of visual language.

Contents: Materials and media specific to art, craft and design, Drawing medium, Technological media, Application of materials and techniques, drawing techniques and processes, visual language, Development, clarification and utilization of visual coding and decoding, intentional use of layout and composition, Evaluate and analyze: de-construction of outcomes

1B.102 Historical and Contextual Referencing I

Credit: 4

This subject introduces students to the cultural history, which informs current thought and debate towards art, craft and design. Emphasis is on research and study skills and on students acquiring source material and knowledge.

Contents: Research, Electronics sources, Paper-based materials, influences, Historical and cultural histories: major historical movements, modern practitioners, Making judgments: questioning, comparing, measuring, observing, conclusions,

1B.103 Construction I

Credit: 4

This subject provides the student with an introduction to the fundamental aspects of construction technology needed to successfully complete the other subjects. This subject has been designed to enable students to develop the basic understanding for the construction techniques required at the preliminary stage of construction.

Contents: Site evaluation techniques, site investigation, introduction to various form of substructure (foundations) and superstructures for low rise and medium rise buildings Masonry work (brick and stone)

1B.104 Technical Drawings I

Credit: 4

This subject provides the student with an introduction to the skills and knowledge required to represent the thoughts of a designer in a specific understandable medium by using appropriate drafting tools, techniques etc. for the industry. Basic approach of the subject is firstly the production of 2-dimensional drawings and then developing them to three dimensioning modeling using various techniques.

Contents: Drafting tools and techniques, drawing media, drawing techniques and process, understanding two dimensional forms and development of three dimensional modeling.

1B.105 Design Principles

Credit: 4

This subject forms the design base for the study programme. The subject has been devised to enable students studying Construction, Civil Engineering or Building Services Engineering programmes to demonstrate both knowledge and understanding of design considerations and the design process. It is intended that this subject will help students develop the ability to apply,

analyse and evaluate design in terms of the production and cost implications for construction projects.

Contents: Planning, design and production phases, Materials selection, systems and equipment, and environmental impact, Roles, responsibilities and obligations, How technology affects design

1B.106 Typographic Ideas I

Credit: 4

This subject extends students' understanding of typographic design by addressing the relationship between design, communication and meaning.

Contents: Typographic design, Ideas, Historical and contemporary examples, Relationships: design, communication and meaning, words, phrases, aphorisms, poems, signs, logotypes, Alteration of meaning: size, scale, contrast, relationship, Typographic practice and conventions, lateral thinking, brainstorming, random association, electronic manipulation of type forms. Statements of second law and concept of entropy, indicator diagram, mean effective pressure and air standard cycles, strain energy, stress-strain diagram, ductile and brittle material, elastic constants, impact loading, temperature stresses, shear stress, shear strain, casting, forging and welding

1B.107 Cultural Interpretation

Credit: 4

In this subject students are encouraged to explore the idea that visual communication is often about reconciling personal aesthetic ambitions with commercial considerations.

Contents: Aesthetically driven visual communication, Aesthetics: Visual communication, Utilize and manipulate aesthetics, Interpretation and adaptation:, Communication and manipulated message, Current visual culture, Methods of communication, Commercial visual communications, Current use of aesthetic manipulation

1B.108 Building Materials

Credit: 4

This gives details about various building materials required for construction.

Contents: Stone, Bricks, Clay Products and Refractories, Lime, Cement, Mortars, Concretes, Timber Paints, varnishes, White wash, Distempers, Pig Iron, Cast Iron, Wrought Iron, Steel and its alloys non-Ferrous metals, Alloys of ferrous and non-ferrous metals, Glass, Plastics, Asphalt, Bitumen and Miscellaneous material, Rubber.

1B.109 Construction II

Credit: 4

This subject deals with basic superstructure focus such as doors, windows, staircase types. RCC framework. Timberwork in construction industry.

Contents: Doors and windows (metal and wooden both), staircase (all types), timber staircase in details, form work for RCC construction.

1B.110 Interior Design

Credit: 4

In this subject students will acquire the skills and understanding needed to create and modify interior environments for specific purposes. They will develop spatial awareness and competence in working with 3-D formal elements.

Contents: Interior environments, Design processes, Research, Environmental, ethical and ecological considerations, Aesthetic and functional requirements, Analysis of brief, Create designs, Presentation, Technical processes, The designer's role as commercial practitioner, Legislation

1B.111 Computer Applications I

Credit: 4

This subject develops the skills and knowledge of Information Technology that will enable the student to use popular word processing, spreadsheet and database software.

Contents: Standard information manipulation software, Application of standard software packages, Forming new files and folders/directories, Word processing applications, Spreadsheets, Database application

1B.112 Technical Drawings II

Credit: 4

This subject concentrates in improving technical skills as well as presentation skills for the representations of drawings through measuring drawings presentation drawing, perspective views and rendering techniques.

Contents: Perspectives (one point, two point, interiors and exterior) measuring drawing, presentation drawings, and rendering techniques etc.

1B.113 Historical and contextual Referencing II

Credit: 4

This subject provides the student with the knowledge, understanding and skills to define and research on historical context and related it to the present. It also provides an opportunity for students to evaluate these references in the context of their chosen specialization.

Contents: History of interior and furniture, key movement, styles, influences, sequence of key movements, artists, designers and crafts people. Research, comparisons, influences, techniques, processes and interpretation, methods of research, contemporary practice, comparative or critical analysis. This will include Georgian period, Colonial and Federal America, Jacobean, William and Mary, Queen Anne, Louis XIV, Louis XV, Louis XVI, Spanish, later 18th-early 19th century French-directoire and empire, early 19th century -late 20th century, Chinese and Japanese

1B.114 Climatology

Credit: 4

This subject investigates the potential benefits and threats to the environment posed by the construction of the built environment, explains the mechanisms involved in each and evaluates the constructional, technical and legislative processes and procedures used to eliminate or minimize their consequences.

Contents: Variety of ways in which the construction process impacts upon the environment, the global environmental issues of concern to the construction industry and the ways in which such issues are addressed, the local environmental issues of concern to the construction industry and the ways in which such issues are addressed, indoor environmental effects, environmental assessment systems

1B.201 Typographic Ideas II

Credit: 4

This subject extends students' understanding of typographic design by addressing the relationship between design, communication and meaning.

Contents: Typographic design, Ideas, Historical and contemporary examples, Relationships: design, communication and meaning, words, phrases, aphorisms, poems, signs, logotypes, Alteration of meaning: size, scale, contrast, relationship, Typographic practice and conventions, lateral thinking, brainstorming, random association, electronic manipulation of type forms. Statements of second law and concept of entropy, indicator diagram, mean effective pressure and air standard cycles, strain energy, stress-strain diagram, ductile and brittle material, elastic constants, impact loading, temperature stresses, shear stress, shear strain, casting, forging and welding

1B.202 Computer Applications II

Credit: 4

This subject provides the student with an introduction to the skills and knowledge required to use appropriate computer software as an aid to design for the construction industry.

Contents: The knowledge and ability to save, retrieve and printout to scale a drawing file using industry standard CAD software, dimensioned ground floor and first floor plan of a building project, produce elevations, 3D-views and perspective views of a project.

1B.203 Retail Design

Credit: 4

In this subject students will gain knowledge and understanding of communication through exhibition and display. They will develop the ability to organize and manipulate spatial awareness. They will develop high-level competence in controlling the creative process from inception to design realization.

Contents: Visual, tactile and functional characteristics, Aesthetic characteristics, Functional characteristics, Creative potential, Structures, spatial awareness, materials and processes, Properties and characteristics, Construction finishing methods, Materials, Design development, Research, 2D and 3D ideas generation, Professional practice, Presentation, marketing and promotion

1B.204 Construction III

Credit: 4

This subject concentrates on the erection of complex multi-storey, structures and the use of modern system to create flexibility of internal space planning and design.

Contents: Structural steel construction, false ceilings, partition walls special types of doors and windows, glazing, lift and escalation.

1B.205 Estimation

Credit: 4

The subject has been designed to enable students studying Construction, Civil Engineering or Building Services Engineering programmes, to apply, analyse and measure a range of components and elements found in buildings and structures.

Contents: Use of measurement during the design, construction and production phases of a project, Taking off of measurements and production of quantities, standard methods of measurement, Bill of Quantities: traditional, cut and shuffle and computer aided systems, Bill format: analyse different formats of bills of quantities, codes and other contract documentation

1B.206 Visual and Personal Presentation

Credit 4

This subject will enable students to develop skills in communicating design intentions in 2D and 3D. The subject encourages students to apply and refine visual presentation skills and develop their own distinctive approach to the presentation of design work.

Contents: Presentation strategy, Audience, Presentation environment, Available facilities, Materials, media and techniques, 2D techniques, 3D techniques, Type of presentation, Personal presentation, Effect of the presentation, Audience feedback, Changes: visual impact, manner, commentary, content

1B.207 Image Manipulation

Credit 4

The aim of this subject is for students to capture, digitize, manipulate and create images to produce high-quality graphics and interfaces for use in multimedia applications, video, animations and Internet applications.

Contents: Digital artwork, Work with images, Access images: using scanner, digital camera, video camera, Manipulate and adapt, Output: file and compression formats, Colours modes, Resolution issues Tools and techniques, Transformation techniques, Plug ins, Advanced techniques, Selection techniques, Layering techniques, Adjustment techniques

1B.208 Visual Communications

Credit 4

The aim of this subject is to explore the meanings, messages and information that are communicated in art, craft and design work. Meanings and information, Meaning, messages and information, Others' work: the forms and content of historical, modern, contemporary specialist work, Communication methods, Techniques: use of composition, Conventions and systems, Experimental visual language, Visual language, Audience, purchaser, user characteristics

1B.209 Furniture Design

Credit 4

In this subject students will gain a knowledge and understanding of the visual and functional qualities of furniture and how it is designed. They will develop an understanding of a range of materials and select appropriate manufacturing processes in exploring construction and fabrication used in furniture design.

Contents: Visual, tactile and functional characteristics, Aesthetic characteristics, Creative potential, Functional characteristics, Structures, materials and making processes, Processes and

methods:, Properties and characteristics, Response to briefs, Design development, Research: identification of information, selection, interpretation, historical, contemporary, cultural, market research, ergonomic, ethical and environmental issues, Professional practice.

1B.210 Computer Applications III

Credit 4

Here the students will be made to export their plastic models made in AutoCAD to 3D max software and render the models in this software to give a real life effect. Secondly apart from this they will be learning computer graphics(vector and raster)

Contents: Introduction to 3D max, Menu bar, Tab panels, Create and edit materials and material mapping. Giving light effects and placing cameras. Adding foliage and enhancing scenes, environments and backgrounds, high resolution renderings, Introduction to computer graphics vector graphics (Adobe Illustrator), raster graphics (Photoshop), Color modes, resolutions and print setup

1B.211 Construction IV

Credit 4

This subjects is developed to understand the ways in which the useful life of a building can be extended by modern alteration and repair techniques. The importance of developing and acting sustainable construction techniques is emphasized and the processes and procedures involved in the safe demolition of buildings are explored.

Contents: Sustainable, construction, structural flooring, demolition process, building envelope

1B.212 Exhibition Design

Credit 4

This subject provides students to gain knowledge and understanding of communication through exhibition and display. They will develop the ability to organize and manipulate spatial awareness of exhibitions. Also they will develop the ability to communicate 3D ideas through 2D drawing techniques and 3D making, modeling and prototyping skills

Contents: Research and record specific ideas and select materials appropriate to intended purpose and to understand the visual, tactile and functional characteristics. Develop an understanding of structures, spatial awareness, materials and processes. Develop skills in design development using working drawing, visual, scale models and prototypes followed by effective presentations of proposed design solutions of exhibitions

1B.213 Building Services I

Credit 4

This subject provides the student with an understanding of the principal applications of building services to domestic, commercial and industrial buildings. It is intended that this should reinforce the need for co-ordination of the building services installations within the overall construction process.

Contents: Planning, design and installation of the plant and equipment used for space heating, ventilation and air-conditioning, systems used to distribute services to a variety of buildings and describe their characteristics, systems used to provide disposal systems for a variety of buildings and describe their characteristics, design and installation requirements for lifts and escalators in a

range of buildings, integration, accommodation and access for maintenance of mechanical and electrical services into a variety of buildings.

1B.301 Health, Safety and Welfare

Credit 4

This subject covers the knowledge and skills needed to identify hazards in the workplace, assess the level of risk, make recommendations to control the risk and review the results. This must be considered along with relevant safety legislation.

Contents: Main health, safety and welfare legislation in the construction sector, main requirements of an effective health and safety policy along with the organisational arrangements necessary for its implementation, hazard and risk identification, risk assessment and formulate control measures to prevent ill health and injury, Review and revise assessments

1B.302 Law and Contracts

Credit 4

This subject is intended to provide students with an introduction to the national legal system and the Law of Contract. It is also intended that students will develop knowledge and skill in those aspects of contractual administration relating to the common types of contract used in the industry for building.

Contents: Principles and procedures of law-construction process, Law relating to the construction process, Liabilities and responsibilities of parties, Contract is an enforceable agreement, Principles and procedures of law-organisation and practice of a company, Law relating to the organisation and practice of a company, Legal principles and requirements in India.

1B.303 Packaging

Credit 4

In this subject students examine packaging as a starting point for gaining knowledge and confidence in producing new and radical packaging solutions.

Contents: Utilitarian packages, Packages:, Research:, Materials, Product characteristics, Cosmetics and marketing, Packaging manufacturing technology, Processes, Technology: shrink-wrapping, foil packaging, Effective design solutions, Design solution, Effective: fitness for purpose, meeting utilitarian and cosmetic/marketing-led criteria

1B.304 Photography Media, Techniques and Technology

Credit 4

This subject enables learners to develop their specialist understanding of photography and to practice skills in using some of the media, materials, techniques, processes and technology associated with photography.

Contents: Photographic materials and processes, all media and materials have potential which can be explored and exploited. Learners may need to explore the traditional, digital and more unusual uses of photographic media and materials. Characteristics and properties of photographic materials

1B.305 Design and Function–Office Design

Credit 4

This subject focuses on design and function 3D and spatial design of offices. This subject addresses the technical issues encountered while designing most functional space-office

Contents: Functional features of 3D and spatial design of interior environment- offices, aesthetic significance of spatial environments, functional and aesthetic criteria to identify client or user values to establish and apply objective criteria for assessing functional and visual effectiveness of the interior environment-offices working and presentation drawing, 3D views, 3D model of the proposed design solution of the design project-an office

1B.306 Marketing

Credit 4

This subject emphasizes the importance of marketing both to commercial organizations and individual designers. The subject covers the basic principles of marketing products and services in a competitive, commercial environment.

Contents: Purpose and intentions, Market factors, Market needs, Market research, Publicity, Promotion, Improving effect on the market:, Marketing and design, Market driven design factors, Promotion of own work, Traditional approaches, Contemporary approaches, Personal approaches.

1B.307 Building Services II

Credit 4

This subject provides the student with an understanding of the principal applications of building services to domestic, commercial and industrial buildings. It is intended that this should reinforce the need for co-ordination of the building services installations within the overall construction process.

Contents: Planning, design and installation of the plant and equipment used for space heating, ventilation and air-conditioning, systems used to distribute services to a variety of buildings and describe their characteristics, systems used to provide disposal systems for a variety of buildings and describe their characteristics, design and installation requirements for lifts and escalators in a range of buildings, integration, accommodation and access for maintenance of mechanical and electrical services into a variety of buildings.

1B.308 Website Design

Credit 4

This subject aims to provide learners with the basic skills required for website design. It promotes a sound understanding of basic coding practices and styles and explores the elements required for good website design.

Contents: Web browser, functions and features such as network preferences, protocols, general preferences, editor preferences, Design issues, design elements such as layout, fonts, colours, readability, navigation, HCI, usability and target audience, Web pages, editing source, viewing source code, modifying code (eg colours, styles and text),writing HTML code, Advanced web technologies

1B.345 Project

Credit 4