



DIPLOMA IN INTERIOR ARCHITECTURE & DESIGN (T22)

Course Overview

Do you often admire the interesting geometry of architectural buildings and structures? Or imagine how you would design and furnish your first home? Here's the space to chase your design dreams as we are the only course that covers both interior and architectural design.

Build a strong foundation in architectural design and drawing, digital visualisation, spatial experience and more. Study global trends in lifestyle, sustainability, and social change that affect interior and architecture design, such as shrinking land use and smaller families. Also learn to minimise impact on the environment by incorporating sustainable materials and energy-efficient systems.

Study trips, competitions, exchange programmes and a rigorous project-led curriculum will also shape your critical thinking skills and develop you into a versatile designer ready for the workforce. The broad-based design training will let you enjoy job opportunities not only within the design sector, but beyond in areas such as hospitality, real estate and emerging adjacent industries.

Be tomorrow's designer who creates beautiful, sustainable and liveable spaces that transform how we work, live and play.



BEST OF BOTH WORLDS

Can't decide between Interior Design and Architecture? This is the only course in a polytechnic that covers both interior design and architectural design.



DISCOVER LIGHT

Play with lights! Learn the importance of good lighting in interior design as you experiment with different lighting styles in the Lighting Lab. A first in a polytechnic, this is a unique lab dedicated to lighting design.



STUDY WAIVER

Recognised by the Board of Architects Singapore, you can get up to two years of university study waived when they enrol in an architecture degree programme.

Entry Requirements

To be eligible for consideration for admission, applicants must obtain 26 points or better for the net ELR2B2 aggregate score (i.e. English Language, 2 relevant subjects and best 2 other subjects, including CCA Bonus Points) and meet the minimum entry requirements of this course. CCA cannot be used to meet the minimum entry requirements.

Subject	Grade
English Language (EL1)*	1-7
Mathematics (E or A)	1-7
Any two other subjects, excluding CCA	1-6
2023 Planned Intake	55
Net ELR2B2 aggregate range (2023 JAE)	4 - 11

Applicants must also have sat for at least one of the following subjects: Additional Combined Science, Additional Science, Art/ Art & Design, Biology, Biotechnology, Chemistry, Combined Science, Computer Studies, Creative 3D Animation, Design & Technology, Engineering Science, Food & Nutrition, Fundamentals of Electronics, General Science, Higher Art, Human & Social Biology, Integrated Science, Media Studies (English), Media Studies (Chinese), Physics, Physical Science, Science (Chemistry, Biology), Science (Physics, Biology), Science (Physics, Chemistry), Science (Physics, Chemistry, Biology).

* Sijil Pelajaran Malaysia (SPM)/ Unified Examination Chinese (UEC) holders must have a minimum of grade 6 for the relevant English Language subject (e.g. Bahasa Inggeris).

Note: Applicants with mild or severe colour vision deficiency or suffering from severe visual impairment should not apply for this course.

What You'll Learn

YEAR 1

YEAR 2

YEAR 3

TPFUN

Begin your journey by exploring and experimenting with shapes, forms and discover how these translate into exciting spaces. Learn about the roots of architectural design and the basics of sustainable design, architectural drawing, as well as the various factors that influence space planning.

Diploma Subjects - Core Subjects		
Subject Code	Subject	Credit Units
DIA1239	Form & Space Exploration	2

This subject introduces the fundamental design elements that constitute the built-environment and develops a design vocabulary that is both elemental and timeless. It covers the sculpting and manipulation of form using various model making materials and explores the implications to the perception of space.

DIA1240

Architectural Drawing

4



The subject covers the fundamental concepts and construction of geometric drawings, orthographic projections and perspective drawings to communicate design ideas.

DIA1241

Architecture Design Studies

2



This subject covers the history and appreciation of architecture from ancient to the contemporary times. The subject also encompasses specific influences on the architecture of Singapore.

DIA2244

Sustainable Space Planning

4



The subject focuses on the understanding of human behaviour through the sustainable planning of spaces that set the stage for an effective user experience. The subject addresses issues pertaining to ergonomics, anthropometry, human behaviour, universal design and design programming that provides a platform for exploring various techniques to creatively resolve challenges related to the function and quality of human environments.

DIA1242

Digital Visualisation

2



The subject introduces the fundamentals of the use of computer-aided design (CAD) software and three dimensional modelling software that is relevant to specific application in the context of built environment.

DIA1243

Integrated Studio Project 1

6



This subject is exploratory in nature and introduces a design contextual framework with the focus on form exploration in the design process. The subject involves the introductory evaluation of a given site to identify environmental, program, and development constraints and opportunities. It covers the collation of data collected by basic site investigation assimilated to explore design proposals through the design process.

DCF1038

Aesthetics for Design

4



This subject introduces the aesthetic and communicative aspects of design. Key topics include the elements of visual art, principles of design, basic drawing techniques and fundamental applied typography, and will explore integrating different sensorial qualities to expand the aesthetic experience for effective design communication.

DCF1037

Design in Context

2



This subject explores the context, influence and motivations in creative practices led by global art, design and film movements across various periods. It will cover the study of design trends and socio-political climates to translate design inspirations using the appropriate terminology and language in both writing and oral presentations.

DCF1036

Discovering Design

2



This subject will cover the essential ideas, tools, processes and techniques of the various disciplines within design. It provides the framework to develop creative confidence towards learning in design by acquiring fundamental knowledge, attitudes, and mindsets necessary to build design conversance.

DCF1039

Form & Materiality

4



This subject will introduce prototyping and tactile manipulation in relation to form and function. The subject provides the framework for exploring form, proportion and hierarchy, with a focus on 2D and 3D drawings, interacting with both hard and soft materials, and journaling.

DCF1040

Visual Narratives: Photography

2



This subject provides an overview of the power of visual narratives through a variety of photographic directions. It includes the fundamentals of camera skills such as shutter speed control, depth of field, sensor sensitivity, exposure and angle of lenses, basic principles of photography, and the narration of a story through a series of photographic images.

DCF1041

Visual Narratives: Videography

2



This subject will cover the use of electronic cinematography techniques to tell a story. Key topics include mobile videography, visual composition, shutter speed control, depth of field, sensor sensitivity, exposure and angle of lenses, lighting concepts, audio and post-production, and video sequencing in creating visual narratives.

What You'll Learn

YEAR 1

YEAR 2

YEAR 3

TPFUN

Consolidate and deepen your understanding of spatial design through a series of projects, some with industry. You will also widen your perspective through mentorship opportunities, study trips and visits to architectural design studios.

Diploma Subjects - Core Subjects

Subject Code

Subject

Credit Units

DIA2245





Digital Modelling



2



This subject covers the fundamentals of digital visualisation and presentation software relevant to the specific

	application in the context of the built environment.		
DIA2246	<p>Construction & Detailing</p> <p>This subject aims to equip students with the knowledge and skills to produce a basic set of construction drawings to communicate architectural and design intents.</p> <p>This subject covers the understanding and application of building Construction Elements, through a comparison of Structural and Non-structural Functions, providing an understanding of the constructional framework and the parameters within each interior space can be altered and manipulated considering the importance of precision in Detailing.</p>	4	^
DIA2247	<p>Interior Building Systems</p> <p>The subject covers the knowledge and application of building systems that contribute to the comfort, safety and accessibility of users of an interior environment.</p>	2	^
DIA2248	<p>Spatial Design Studies</p> <p>The subject covers the communication of an experience within a 3-dimensional space which contributes to spatial image and identity that includes considerations such as light, materiality, etc., in a relation to a site context.</p>	4	^
DIA2240	<p>Integrated Studio Project 2</p> <p>This subject covers a design contextual framework with the focus on the analysis of a site (person/place/programme), a vital step in the design process of an interior environment.</p> <p>The subject involves the evaluation of a given site to identify environmental, program, and development constraints and opportunities. It covers the collation of data collected by site study that needs to be interpreted and assimilated to explore design</p>	6	^

	<p>proposals through the design process. The subject will have emphasis on the exploration of form and space in relation to a program with functions.</p>		
DIA3237	<p>Digital Integration</p> <p>The subject introduces the fundamentals of the use of BIM software that is relevant to specific application in the context of built environment.</p>	4	
DIA2242	<p>Integrated Studio Project 3</p> <p>This subject is issue-driven and introduces a design contextual framework with the focus on deriving and establishing design issues and trends, as a vital step in the design process of an interior environment. The subject involves the evaluation of a given site to identify environmental, program, and development constraints and opportunities. It covers the collation of data collected by site investigation that needs to be interpreted and assimilated to explore design proposals through the design process.</p>	6	
DCF2042	<p>Sustainable Practices in Design</p> <p>The subject focuses on how design drives sustainable living in a circular economy, emphasising the primary foundational understanding of ethical, responsible, and meaningful design and its impact on the environment and society. The interdisciplinary nature of the subject will drive students to organise and drive activities, stimulate analysis, encourage application, and synthesise ideas through collaborative strategies.</p>	2	
DPD2445	<p>Digital Prototyping *</p> <p>This subject covers 3D surface modelling to create virtual objects. The construction of high-quality 3D modelling and visualisation through 2D computer rendering will be explored by</p>	4	

	using appropriate CAD (Computer-aided Design) software.		
DIA2250	Sustainable Urban Systems * The subject introduces foundational knowledge of how architecture and design resides within the context of larger urban systems. Macro concepts behind sustainable design and development like biophilic design, skyrise greenery and various urban system initiatives in the Built Environment sector to encourage a circular economy will be introduced.	4	
DIA2249	Design for Customer Experience * This subject will introduce Customer Experience (CX) as an overarching strategy for retail and hospitality spaces. It focuses on the creation of omni-channel systems that blend physical and online platforms to engage customers by creating meaningful atmospheres.	4	

*Students must choose ONE of these electives

YEAR 1


YEAR 2



YEAR 3

TPFUN

The Industry Studio Project lets you work with clients on real briefs in preparation for your Major Project. You will also experience 16 weeks of industry practice before you step out into the world as full-fledged designers.

Diploma Subjects - Core Subjects

Subject Code	Subject	Credit Units	
DIA3238	Professional Practice The subject introduces the fundamentals of the interior design profession concerning its management with the regulatory and legal framework of the practice and ethics of being a designer, providing an operational framework in executing a design project and design documentation.	4	

DIA3236	Industry Studio Project This studio is industry-driven and will equip you with skills and knowledge of working in small groups with the focus on collaborative practice-based scenarios. This studio will involve you with agents/clients in the industry and practice, and ultimately prepare you for your Student Internship Programme.	6	
DMP3028	Major Project: IAD The project aims to synthesise the collective skills and knowledge acquired in past semesters. The scope includes the inception and exploration of design ideas and concepts within a specific context, the investigative study, analysis and research into pertinent design issues and the resolution of the design problem leading to a comprehensive interior design outcome.	8	

YEAR 1


YEAR 2




YEAR 3

TPFUN

You will also take this set of subjects that equips you with the crucial 21st-Century life skills you need to navigate the modern world as an agile, forward-thinking individual and team player.

TP Fundamentals (TPFun) Subjects

Subject Code	Subject	Credit Units	
BSI3040	Student Internship Programme This structured programme is designed to link your learning with the real work environment. You will be placed in organisation(s) with opportunities to apply the concepts and skills acquired in the course of your study. Besides reinforcing technical concepts and mastering of skills in areas that you have been trained, the practical training will enable you to build important skills such as problem-solving, communication, teamwork, and to cultivate good attitude and a strong work ethic.	16	

BTX1001	Effective Communication This subject introduces the fundamentals of effective communication. It also covers how to communicate with and convince an audience through writing and speaking tasks. The skills in this subject will include the application of strategies for communication, appropriate vocabulary, language features, visual aids, tone and style. The Message, Audience, Purpose and Strategy (MAPS) framework will also be applied when planning and engaging in written and verbal communication. There will be opportunities to communicate and collaborate through active learning activities, apply digital and information literacy skills and build competence through self-directed learning.	3 
BTX1002	Professional Communication This subject covers professional communication skills for the workplace and employability skills in the areas of career preparation. It covers communication and interpersonal skills, including effective virtual communication etiquette, and conducting oneself professionally in the workplace. In addition, essential career preparation skills such as resume writing and interview skills, needed to seek and secure work would be included. The Message, Audience, Purpose and Strategy (MAPS) framework would also be applied when engaging in written and verbal communication. There will be opportunities to communicate and collaborate through active learning activities, apply digital and information literacy skills and build competence through self-directed learning.	3 
GTP1301	Current Issues & Critical Thinking This subject covers current issues, including diverse local and global concerns, that will impact lives and may have critical implications for Singapore. There will be opportunities	3 

to build competence through self-directed learning, communicate and collaborate in active discussions and objectively analyse issues using digital and information literacy skills and critical thinking scaffolds.

GTP1201

Career Readiness

1



This subject focuses on personal management skills. It develops an understanding of one's career interests, values, personality and skills for career success. It covers the necessary knowledge, skills and attitudes needed to succeed in the workplace and achieve professional goals. There will be exposure to apply digital and information literacy skills, build competence through self-directed learning methods, and acquire the skills of being a lifelong learner.

GTP1202

Career Management

1



This subject focuses on career management skills. It covers the importance of workplace readiness skills to adapt and respond to the changing job market environment. Career ownership and continuous learning for lifelong employability will be emphasised. There will be exposure to apply digital and information literacy skills, build competence through self-directed learning, and acquire the skills of being a lifelong learner.

BGS1002

Global Studies

3



This subject provides essential skills and knowledge to prepare students for an overseas experience. They will examine the elements of culture and learn the key principles of cross-cultural communication. In addition, they will gain an appreciation and awareness of the political, economic, technological and social landscape to function effectively in a global environment. The subject prepares students to be responsible global citizens and leaders who can

contribute to the global community through effective communication and collaboration.

GTP1302

Guided Learning*

3



The subject introduces students to the concepts and process of self-directed learning in a chosen area of inquiry. The process focusses on four stages: planning, performing, monitoring and reflecting. Students get to plan their individual learning project, refine and execute the learning plan, as well as monitor and reflect on their learning progress and project. The learning will be captured and showcased through a curated portfolio. The self-directed learning project will broaden and/or deepen a student's knowledge and skills. Students will enhance their problem solving and digital literacy skills through this subject.

BIN1001

Innovation & Entrepreneurship

2



The subject is designed for learners from all disciplines to embrace innovation in either their specialised field or beyond. Learners will be taught to apply the Design Thinking framework to develop problem statements, ideate and identify feasible solutions. Learners will be exposed to several tools for prototyping. In addition, commercial awareness will be imbued in learners through various innovation and entrepreneurship concepts or tools. This subject also prepares students to be self-directed lifelong learners who are digital and information literate. It nurtures communicative and collaborative citizens who can use objective analysis in problem-solving.

GTP1101

Leadership Fundamentals

2



This subject focuses on self-leadership based on the values of integrity, respect, and responsibility. Increasing awareness of self and others will lay the foundations for personal and relationship

effectiveness. Consequential thinking, clear articulation of personal values and visions, emphatic listening, and collaboration in serving others are some of the essential skills covered in this leadership journey. There will be opportunities to build and to apply the concepts of being a values-centred leader.

GTP1102

Leadership in Action

1



This subject focuses on Service Learning as an experiential platform to apply the tenets of Self and Team Leadership. Service Learning will be the capstone project for this subject, which will require an analysis of the diverse needs of the community, collaboration with community partners and demonstration of learning, including key elements of empathy. There will be opportunities to build and to apply the concepts of being a values-centred leader.

LSW1002

Sports & Wellness

2



The subject enables students to build a good foundation for healthy living. Students will have the opportunity to participate in hands-on practical sessions where they will experience and develop both physical and technical skills in their chosen sports or fitness activities. Through a structured curriculum that facilitates group participation, practice sessions and mini competitions, students will be able to build lifelong skills such as resilience, leadership, communication and teamwork. Physical activity sessions will also be supplemented by health-related topics that span the dimensions of health, such as diet, nutrition, stress and weight management, to provide students with a holistic approach to healthy living. This subject also prepares students to be self-directed and accountable for lifelong learning for good health.

TGS1001

Sustainability & Climate Action*

3



This subject prepares students to be responsible global citizens and future leaders who can contribute to the global community. It introduces the topics of sustainability and explores how human societies can act to build a sustainable future. This subject focuses on the impact of climate change, potential solutions to climate change, and the future of the green economy from global and local perspectives.

* Students must choose to take either **Sustainability & Climate Action** or **Guided Learning**.

GRADUATION REQUIREMENTS

Cumulative Grade Point Average	min 1.0
TP Fundamentals Subjects	36 credit units
Diploma Subjects – Core Subjects	84 credit units
Diploma Subjects – Elective Subjects	min 4 credit units
Total Credit Units Completed	min 124 credit units