

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.

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
2022 Planned Intake	75
Net ELR2B2 aggregate range (2021 JAE)	9 - 15

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 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.	2	^
DIA1240	Architectural Drawing The subject covers the fundamental concepts and construction of geometric drawings, orthographic projections and perspective drawings to communicate design ideas.	4	^
DIA1241	Architecture Design Studies 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.	2	^
DIA2244	Sustainable Space Planning 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	4	^

	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 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.	2	^
DIA1243	Integrated Studio Project 1 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.	6	^
DCF1038	Aesthetics for Design 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.	4	^
DCF1037	Design in Context 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.	2	^
DCF1036	Discovering Design 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.	2	^
DCF1039	Form & Materiality 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.	4	^
DCF1040	Visual Narratives: Photography 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.	2	^
DCF1041	Visual Narratives: Videography 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.	2	^

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	Construction & Detailing	<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	Interior Building Systems	The subject covers the knowledge and application of building systems that contribute to the comfort, safety and accessibility of users of an interior environment.	2	^
DIA2248	Spatial Design Studies	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.	4	^
DIA2240	Integrated Studio Project 2	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. 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 proposals through the design process. The subject will have emphasis on the exploration of form and space in relation to a program with functions.	6	^
DIA3237	Digital Integration	The subject introduces the fundamentals of the use of BIM software that is relevant to specific application in the context of built environment.	4	^
DIA2242	Integrated Studio Project 3	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.	6	^
DPS1035	Collaborative Transformation	The subject focuses on collaborative design principles to help students to work in teams in addressing social issues. A group design brief serves to organize and drive activities, and encourage application, analysis, and synthesis of collaborative strategies.	2	^
DIM2387	Design for Screen *	This subject will introduce the process and principles of user-centered design for designers to identify needs and opportunities for positive interaction based on user personas. Using appropriate tools, it will cover the creation of interactive screen design for desktop, tablet and mobile devices, usability and interaction principles, interface design elements, wireframes and screen flow for prototyping.	4	^
DPD2445	Digital Prototyping	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 using appropriate CAD (Computer-aided Design) software.	4	^
DIA2250	Sustainable Urban Systems *	The subject introduces foundational knowledge of how architecture and design resides within	4	^

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.

DIA2249

Design for Customer Experience *

4



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.

*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

4



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.

DIA3236

Industry Studio Project

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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.

DMP3028

Major Project: IAD

8



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.

YEAR 1

YEAR 2

YEAR 3

TPFUN

You will also undergo TP Fundamentals (TPFun) – a set of subjects that equips you with the crucial life skills you need to navigate the modern world as an agile and forward-thinking individual, and team player.

TP Fundamentals (TPFun) Subjects

Subject Code

Subject

Credit Units

GTP1301

Current Issues & Critical Thinking




3










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 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.

This subject aims to provide students with the knowledge and skills to:

- apply critical thinking tools to examine current issues.
- effectively search for relevant information from a variety of sources.
- evaluate research information.
- cite sources to support their views.
- articulate an informed opinion about current issues.

<p>DTX1001</p>	<p>Effective Communication</p> <p>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.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • apply the factors that influence effective communication. • structure a compelling point of view through a writing task. • express their ideas convincingly to an audience in an oral presentation. 	<p>3</p> <p></p>
<p>DTX1002</p>	<p>Professional Communication</p> <p>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.</p> <p>The subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • communicate effectively in the workplace using principles of effective written communication and interpersonal skills. • apply effective job search and interview skills in their career preparation. 	<p>3</p> <p></p>
<p>GTP1101</p>	<p>Leadership Fundamentals</p> <p>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.</p> <p>The aim of this subject is to guide students to:</p> <ul style="list-style-type: none"> • design a personal growth plan based on strengths, values and purpose. • apply the attributes of logical and emotional intelligence to improve team effectiveness. • identify the key messages of respect in relationships. • apply the principles of effective personal financial management. 	<p>2</p> <p></p>
<p>GTP1102</p>	<p>Leadership in Action</p> <p>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.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • plan and carry out a project to demonstrate empathy towards people in a diverse community. • apply diploma core knowledge and skills through the Service Learning platform to address community needs. • reflect on the Service Learning experience when working in teams and with community partners. 	<p>1</p> <p></p>
<p>GTP1201</p>	<p>Career Readiness CARE1</p> <p>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.</p> <p>This subject aims to equip students with the knowledge and skills to:</p>	<p>1</p> <p></p>

- analyse personal characteristics that can contribute positively to achieving personal, educational and career goals.
- make career decisions that are aligned with their interests, skills and values.

GTP1202	<p>Career Readiness CARE2</p> <p>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.</p> <p>This subject aims to equip students with the knowledge and skills to:</p> <ul style="list-style-type: none"> • identify their work profiles to help them in their career choices in a changing job market environment. • take career ownership for continuous learning and lifelong employability. 	1	
LSW1002	<p>Sports & Wellness</p> <p>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.</p>	2	
DIN1001	<p>Innovation & Entrepreneurship</p> <p>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.</p>	2	
DGS1002	<p>Global Studies</p> <p>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 citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>	3	
DGS1003	<p>Managing Diversity at Work*</p> <p>This subject explores the concepts of identity, diversity and inclusion at the workplace. It examines the relationship between identity and diversity, the benefits and challenges of diversity and the strategies that promote inclusion and inspire collaboration in a diverse workplace. Examples of the elements of diversity covered in this subject include nationality, generation, ethnicity and gender. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>	3	
DGS1004	<p>Global Citizenship & Community Development*</p> <p>Students will examine the meaning and responsibilities of being a Global Citizen, in order to contribute towards a more equitable and sustainable world. In addition, students will learn how sustainable solutions can support community development, and, execute and critique a community action plan that addresses the needs of a specific community/cause. The subject prepares students to be responsible citizens and leaders who can contribute to the global community through effective communication and collaboration.</p>	3	
DGS1005	<p>Expressions of Culture*</p> <p>This subject provides a platform for an understanding of culture and heritage through modes of expression. Students will be introduced to global and local cultures via everyday objects, places and human behaviour seen through time and space. Students will explore issues and challenges</p>	3	

in culture and heritage sustainability in community, national and global contexts. The subject prepares students to be responsible 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.

DSI3034

Student Internship Programme

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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.

** Students must choose one of these three electives under the 'Global Studies 2' subject, or take 'Guided Learning'*

GRADUATION REQUIREMENTS

Cumulative Grade Point Average

min 1.0

TP Fundamentals Subjects

36 credit units

Diploma Core Subjects

87 credit units

Total Credit Units Completed

min 123 credit units