

Interior Architecture & Design

OVERVIEW



Fancy having a part in designing Singapore's most elite residential project, or our next big tourist attraction or even a heritage building? Then this exciting course which brings interior design and architecture together is for you.

You will discover how to make spaces functional, safe, and beautiful by taking into account contemporary social issues, constraints, colours, lighting and materials. Learning about global trends in lifestyle, culture, sustainability and social change will also give you a more holistic perspective of design.

Every industry needs creative minds like yours, so unleash your talent and start your journey today.

Your Journey

Year 1

This is where you start playing and experimenting with shapes, forms and discover how these translate into exciting spaces. Learn the basics of sustainable design, architectural drawing and the various factors that influence space planning.

Year 2

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

Year 3

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.

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.

Minimum Entry Requirements

English Language (EL1)*	Grades 1-7
Mathematics (E or A)	Grades 1-7
Any two other subjects, excluding CCA	Grades 1-6

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.

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COURSE STRUCTURE

TP Fundamentals (TPFun) Subjects

Subject code	Subject	Level	Credit Units
DCS1017	<p>Communication & Information Literacy</p> <p>In this subject, you will learn how to conduct research for relevant information and validate information sources. You will also learn to recognise and avoid plagiarism, and follow standard citation and referencing guidelines when presenting information. In the course of learning, you will be required to plan, prepare and present information appropriately in written and oral form. You will also be taught to consider the Message, Audience, Purpose and Strategy (MAPS) when writing and delivering oral presentations.</p>	1	2
DCS1018	<p>Workplace Communication</p> <p>In this subject, you will be taught how to conduct effective meetings while applying team communication strategies and the skills for documenting meeting notes. You will be required to write clear emails, using the appropriate format, language, tone and style for an audience. You will also be taught to communicate appropriately in and for an organisation when using various platforms. In all aspects, the principles of applying Message, Audience, Purpose and Strategy (MAPS) will be covered.</p>	1	2
DCS1019	<p>Persuasive Communication</p> <p>In this subject, you will be taught how to use persuasive language in written documents. You will be required to use information to your advantage to verbally communicate and convince an audience about your idea, product or service. Skills such as persuasive vocabulary, language features, graphical illustrations, tone and style would also be covered. The Message, Audience, Purpose and Strategy (MAPS) will also be applied when engaging in verbal and written communication.</p>	1	2
GCC1001	<p>Current Issues & Critical Thinking</p> <p>This subject presents you with a panoramic view of current local and global issues, which may have long term implications for Singapore. You will learn to apply critical thinking tools to examine current issues, support your views with relevant research and up-to-date data, articulate an informed opinion and mature as civic-minded individuals.</p>	1	2

DIN1001	<p>Innovation & Entrepreneurship</p> <p>The Innovation & Entrepreneurship subject is designed for learners from all disciplines to embrace innovation in either their specialised fields or beyond. You will first learn the Design Thinking framework, where you will develop problem statements and ideate solutions. Next, you will discover the tools for prototyping and innovation, such as 3D printing and laser cutting, at TP's Makerspace+ facility. Finally, you will acquire commercial awareness through the LEAN Startup framework of idea crystallisation, prototype building, customer testing and validation, refinement of business model canvas, and crowdfunding or crowdsourcing avenues.</p>	1	2
LEA1011	<p>Leadership: Essential Attributes & Practice 1</p> <p>LEAP 1, 2 and 3 are three fundamental subjects that seek to cultivate in you, the attitude, skills and knowledge for the development of your leadership competencies. This character-based leadership programme enables you to develop your life-skills through establishing personal core values, which will become the foundation for your leadership credibility and influence.</p>	1	1
LEA1012	<p>Leadership: Essential Attributes & Practice 2</p> <p>LEAP 1, 2 and 3 are three fundamental subjects that seek to cultivate in you, the attitude, skills and knowledge for the development of your leadership competencies. This character-based leadership programme enables you to develop your life-skills through establishing personal core values, which will become the foundation for your leadership credibility and influence.</p>	1	1
LEA1013	<p>Leadership: Essential Attributes & Practice 3</p> <p>LEAP 1, 2 and 3 are three fundamental subjects that seek to cultivate in you, the attitude, skills and knowledge for the development of your leadership competencies. This character-based leadership programme enables you to develop your life-skills through establishing personal core values, which will become the foundation for your leadership credibility and influence.</p>	1	1
LSW1002	<p>Sports & Wellness</p> <p>This subject will help you develop both the physical and technical skills in your chosen sports or fitness activities. Through a structured curriculum that facilitates group participation, practice sessions and mini competitions, you will learn to build lifelong skills such as resilience, leadership, communication and teamwork. Physical activity sessions will be supplemented by health-related topics to provide you with a holistic approach to healthy living.</p>	1	2
MCR1001	<p>Career Readiness 1</p> <p>This Career Readiness programme comprises three core subjects – Personal Management, Career Preparation and Career Management. It seeks to help you understand your career interests, values, personality and skills for career success. It also equips you with the necessary skills for seeking and securing jobs, and to develop professional work ethics.</p>	1	1

MCR1002	<p>Career Readiness 2</p> <p>This Career Readiness programme comprises three core subjects – Personal Management, Career Preparation and Career Management. It seeks to help you understand your career interests, values, personality and skills for career success. It also equips you with the necessary skills for seeking and securing jobs, and to develop professional work ethics.</p>	1	1
MCR1003	<p>Career Readiness 3</p> <p>This Career Readiness programme comprises three core subjects – Personal Management, Career Preparation and Career Management. It seeks to help you understand your career interests, values, personality and skills for career success. It also equips you with the necessary skills for seeking and securing jobs, and to develop professional work ethics.</p>	1	1
DGS1002	<p>Global Studies</p> <p>This subject provides essential skills and knowledge to prepare you for an overseas experience. You will examine the elements of culture and learn the key principles of cross-cultural communication. In addition, you will gain an appreciation and awareness of the political, economic, technological and social landscape to function effectively in a global environment.</p>	1	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.</p>	1	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.</p>	1	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 in culture and heritage sustainability in community, national and global contexts.</p>	1	3
TGL1001	<p>Guided Learning</p> <p>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.</p>	1	3

DSI3034	<p>Student Internship Programme (IAD)</p> <p>This is a graded subject that prepares you for the world of work. The internship period is 12 weeks long. You will learn to identify prospective companies, prepare your portfolio, application letter and resume, and attend job interviews. You may have the opportunity to work with firms locally or overseas. The internship will expose you to actual design industrial or business environments, giving you a realistic perspective of working life. You will work with commercially “live” projects and demonstrate the ability to transit from student to employee. You will journal, record and evaluate your progress and learning with your supervisors and your lecturers.</p>	3	12
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* Students must choose to take either one of these three subjects or TGL1001 Guided Learning.

Diploma Subjects - Core Subjects

Subject code	Subject	Level	Credit Units
DED1821	<p>Form & Space Exploration</p> <p>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.</p>	1	3
DED1822	<p>Architecture Design Studies</p> <p>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.</p>	1	3
DED1824	<p>Digital Visualisation</p> <p>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.</p>	1	3
DED1828	<p>Form & Space Exploration 2</p> <p>This subject introduces spatial concepts through the exploration of how form and space may be organised. It further examines ordering principles of design and spatial composition using 3-dimensional models. It will also cover how colour and light can impact the perception of form and space. Anthropometry and ergonomics are introduced to help you understand the interaction of the human body with form and space.</p>	1	3
DED1829	<p>Sustainable Design</p> <p>The subject introduces notions of being environmentally friendly by examining how site context and environmental elements can impact human comfort in any built environment. The subject also involves the exploration of space and form as an ecological response to tropical climate. It will focus on passive design strategies that take into consideration ventilation and natural light.</p>	1	3

DIA1236	<p>Architectural Drawing 2</p> <p>The subject covers rendering techniques with the use of tone, shade, shadow and colour. The subject also teaches the methods of selecting appropriate media, digital drawing and rendering techniques, as well as visual presentation techniques to communicate design ideas, including storyboarding.</p>	1	3
DIA1237	<p>Integrated Studio Project</p> <p>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.</p>	1	6
DIA1238	<p>Space Planning</p> <p>The subject focuses on understanding of functional planning of spaces that sets the stage for effective user experience. The subject addresses issues pertaining to anthropometry, ergonomics, behavioural science and design programming and provides a platform for exploring various techniques to creatively resolve challenges related to function and quality of human environments.</p>	1	3
DPS1031	<p>Design Fundamentals</p> <p>The subject introduces you to art and design fundamentals, aesthetic awareness and cultural appreciation. It will develop an understanding for the art and design processes, and enable you to reflect and see the world from a designer's perspective. Through this subject, you will discover how to express yourself visually and with confidence in areas of art and design.</p>	1	3
DPS1032	<p>Collaborative Design</p> <p>The subject will cover the necessary ability to research, analyse and organise information relating to societal issues in a collaborative manner. It will introduce the various collaborative strategies, design frameworks and integrate critical thinking. It will also cover innovative and conceptual approaches in the context of design.</p>	1	3
DRH1701	<p>Architectural Drawing</p> <p>The subject covers the fundamental concepts and construction of geometric drawings, orthographic projections and perspective drawings to communicate design ideas.</p>	1	3
DED2830	<p>Digital Visualization 2</p> <p>The subject covers the fundamentals of the use of digital visualisation and presentation software that are relevant to specific application in the context of the built environment.</p>	2	3
DED2839	<p>Digital Visualisation 3</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>	2	3

DIA2238	<p>Material & Finishes</p> <p>The subject focuses on the study of materials commonly used in the built environment with emphasis on both their functional and sensorial properties. It introduces you to basic materials and surface finishes as an essential component for achieving an intended spatial quality. The subject also introduces you to the idea of materials as limited resources that should be used in an efficient and sustainable manner.</p>	2	3
DIA2239	<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>	2	3
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. 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.</p>	2	6
DIA2241	<p>Interior Design Issues & Trends</p> <p>The subject explores emerging issues such as sociocultural, economic and political, and environment and conservation, and also introduces current design trends that impact design decisions.</p>	2	3
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>	2	6
DIA2243	<p>Construction & Detailing 2</p> <p>This subject focuses on the construction of interior architecture and design elements as an amalgam of three distinct characteristics: the importance of materials as component in construction, the significance of fabrication as assembly, and shop drawings of the elements.</p>	2	3
DRH2719	<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>	2	3

DRH2721	<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	3
DIA3236	<p>Industry Studio Project</p> <p>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.</p>	3	6
DMP3023	<p>Major Project : IAD</p> <p>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.</p>	3	9

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