



**TAYLOR'S  
UNIVERSITY**

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# **SUSTAINABILITY RELATED COURSES/MODULES OFFERED BY SCHOOLS IN 2022/2023**

## **ACADEMIC GUIDELINES**

1. The maximum number of credits that can be taken is 20 credits in long semester and 10 credits in short semester.
2. 1 credit is equivalent to 1.5 ECTS.

### School of Architecture, Building and Design

No.	Module Code	Module Name	Credit Value	Year Level	Level	Module Pre-requisite
1	ARC60504	Architecture and Environment	4	1	Undergraduate	NIL
2	ARC61204	Architectural Conservation and Tourism	4	2	Undergraduate	NIL
3	ARC61604	Sustainable Design, Policies and Regulations	4	2	Undergraduate	NIL
4	ARC61704	Sustainable Living	4	2	Undergraduate	NIL
5	ARC61804	Green Strategies for Building Design	4	2	Undergraduate	NIL
6	ARC61904	Energy and Architecture	4	2	Undergraduate	NIL
7	ARC62004	IT Application for Sustainable Design	4	2	Undergraduate	NIL
8	BLD61204	Sustainable Housing Development	4	2	Undergraduate	NIL
9	BLD62704	Green Technology and Construction	4	2	Undergraduate	NIL
10	MGT62804	Construction Environmental Protection Management	4	1	Undergraduate	NIL
11	ARC70803	Nature and Architecture	3	2	Postgraduate	NIL
12	ARC70903	Environment and Technology I	3	1	Postgraduate	NIL
13	ARC71003	Environment and Technology II	3	1	Postgraduate	ARC70903

Module Name	Module Synopsis
Architecture and Environment	<p>The module introduces the components of environmental conditions and issues that need to be considered in architecture design. It focuses on human intervention affecting the environment both positively and negatively and the relationship of buildings with the natural system. The area of study consists of basic building design, advocating passive design, and designing with nature to enhance energy efficiency in buildings. Students will be introduced to the basic elements of climate and their influences on architecture, which aims to facilitate students to create acceptable environmentally conscious, and comfortable building designs. The teaching and learning will revolve around students being presented with issues in realistic situations found in everyday spaces and places. Students will be provided with authentic context that reflects how knowledge will be used. The module is supported by a combination of regular face-to-face lectures, tutorials, asynchronous learning, and feedback sessions in the form of formative assessment to ensure the students have embraced the principles' alignment to the learning outcomes in relation to the module. Students' learning will be assessed via tests and assignments. The assignments consist of both group and individual work. The assignments will be on real-life issues and case-based learning. Assignments shall be submitted at the official online portal via Taylor's Integrated Moodle E-Learning System (TIMeS) and Microsoft Team.</p>

Architectural Conservation and Tourism	<p>This module intends to introduce students to the current issues of conservation in Malaysia and beyond and to instill awareness of the values and importance of architectural conservation. It also identifies the interdependence between architecture and tourism and showcases how tourism is sometimes vital for the preservation as well as the innovative re-use of historic architecture and places. The module shall also highlight the balance that is necessary to achieve a long-term sustainable environment for memorable architecture to survive and flourish in the era of mass tourism. A blended learning approach will be applied for the teaching and learning of this module whereby lecture and tutorial sessions will be done face to face or online. In addition, this module requires site visits for the students that can be conducted on-site or by virtual visits. There will be three assessment components for this module that will include two individual assessments and one group assessment. In the first assessment which is individual, students need to conduct a comparative study on conservation and heritage management in relation to tourism between a heritage building or site in Malaysia and a heritage building or site located abroad. The second assessment will be an individual essay writing based on random topics related to architectural conservation and tourism. Lastly, in the third assessment, which is a group, students are required to rejuvenate a heritage site in Malaysia experiencing urban decay by proposing a heritage trail to boost its local cultural tourism. All the three assessment components should be able to give an understanding to the students of the interdependence between architectural conservation and tourism.</p>
Sustainable Design, Policies and Regulations	<p>With an emphasis on the UN Sustainable Development Goals (SDGs), this interdisciplinary introductory module is aimed to give students with diverse backgrounds an overview to explore: What is sustainability and why is it essential for future community development? This module introduces students to environmental issues and provides some in-depth understanding of the complexities and influences that the built environment causes on the natural environment. The module intends to instill environmental literacy and understanding of standards and guidelines related to sustainable development and practices that include the protection and conservation of the natural and cultural heritage that is a significant contribution to sustainable development. The area of study consists of environmental issues that are associated with the built environment, sustainability in heritage conservation, and policies, standards, and guidelines related to sustainable development or construction. Students will examine current environmental concerns such as global warming, carbon footprint, and depletion and pollution of natural resources using lifecycle assessment tools and with reference to existing policies and current green building standards including GBI. This lesson gives students an opportunity to pull together the concepts they learned to further explore how heritage properties can be protected through appropriate activities contributing to the social and economic development and the quality of life of communities. The module adopts project-based learning and self-directed learning with a mix of lectures, readings, videos, films, and online discussions to engage students more in learning. The case-based assignments are also designed in different types of literature reviews, research papers, and projects helping students to understand the emerging theories and practice of sustainable design to directly inform architectural practice, to apply in their design projects, and live as sustainability-focused citizens and designers</p>
Sustainable Living	<p>This module will equip the learner with the knowledge and skills to participate in this rapidly expanding profession and find their position in a sustainable built environment. The module introduces the broad concept of sustainable living within the urban built</p>

	<p>environments. Sustainable living (or net zero living) aims to reduce societal environmental impact by making positive changes to the built environment. Some of the related strategies include renewable energy, urban farming, sustainable building models, and repurposing waste.</p> <p>In this module, students explore one aspect of sustainable living through precedent case studies and solutioning in a multidisciplinary and collaborative manner. Firstly, students will learn what makes the characteristics of a city for a formal understanding on sustainable aspects. They conduct case studies to examine cities of Malaysia and international contexts focusing on a particular theory/model/framework pertinent to sustainable living. Secondly, they develop a project with a specific scope to address an issue such as climate, natural disaster, food security, energy, waste, and water achieving the SDG effort. The proposed strategy aims to solve an issue that will contribute positive impact which counteract climatic and environmental concerns.</p> <p>To conduct the learning and execution of assignments, students will be exposed to the wide context of Sustainable Living in Urban context through blended series of online lecture from academics and industry, online tutorial, and workshops, guided face-to-face and TIMEs communication portal for accessing Module brief, assignment, and submission. In delivery their assignments, students learning shall also be addressed using formative assessment such as constructive feedbacks and discussions by either both peer-to-peer and tutor-to-student leading to a summative assessment task.</p>
<p>Green Strategies for Building Design</p>	<p>The module introduces students to the theories and practical application mainly focusing on passive sustainable design strategies gathered from traditional architectural heritage and contemporary case studies with minor introduction of active design strategies. It also focuses on the integration of these strategies with architectural design and their spatial outcome and user experience.</p> <p>The learning and teaching approach for the module will be student-centered learning and TIMEs are used for students to access module materials, project briefs, assignments, and announcements. Various teaching and learning strategies such as case-based learning and project-based learning are employed to facilitate the learning process. This module is supported by a combination of online lectures and tutorials where regular review and feedbacks is given in the form of formative assessment and related passive-design workshop.</p> <p>The students will be assessed by combination of group performance and individual performance for the respective assignments given. First assessment component shall be Comparative Case Studies between tropical climate region and other climatic region and the second assessment component will be Passive Green Building Strategies Report by which Individually students are required to develop passive and active green building strategies simultaneously with their final architectural studio project.</p>
<p>Energy and Architecture</p>	<p>This module will equip the learner with the knowledge and comprehensive understanding of how energy is used in buildings. Hence, will introduce principles and ways to achieve energy efficiency in environmental systems operation, renewable energy technology and architectural design features. The module emphasizes the role of energy efficiency in low energy building in architectural design through an analysis and evaluation of a selected low energy building (Residential/ Institutional/ Commercial/</p>

	<p>Office/ Hospitality). Students will consider the implementation as holistic components of architectural design, which may be critically assessed with theories followed by performance in practical. Specific topics of energy efficient strategies to be addressed and identified namely façade, building system, management, and how these affect the performance of the building. The module equips students with knowledge of building science and skills in the use of effective technology in energy and building design. The module aims to identify the principles of energy efficient systems and overall practice of potential energy savings through inspection (energy audit process) and evaluate energy consumption and the implementation of its strategies to reduce energy usage in design to deliver low energy architectural design. The teaching objective of the module is to provide students with a comprehensive understanding of energy usage and energy efficiency methods in buildings and architecture.</p> <p>To conduct the learning and execution of assignments, students will be exposed to the wide context of Energy efficiency strategies in Low Energy Building and Architecture through blended series of online lecture from academics and industry, online tutorial and workshops, guided face-to-face and TIMEs communication portal for accessing Module brief, assignment and submission. In delivery their assignments, students learning shall also be addressed using formative assessment such as constructive feedbacks and discussions by either both peer-to-peer and tutor-to-student leading to a summative assessment task.</p>
<p>IT Application for Sustainable Design</p>	<p>This module aims to gain awareness on the latest trends of digitalisation using Building Information Modelling (BIM) as a process of innovative sustainable design solutions. BIM is a thriving approach and technology that is widely embraced by the Architectural, Engineering and Construction (AEC) industry of different countries to achieve an integrated, highly collaborative, and sustainable design project delivery. The adoption of this whole life-cycle project delivery approach is important to ensure accurate representation of information in projects, thus improving communication, minimizing risk, increased productivity and optimizing time, cost, quality and reducing wastages in design and construction projects. Students are expected to explore the fundamental concept of BIM and its applications in building design collaboration, coordination as well as to apply relevant tools such as Autodesk Revit, Formit Pro and Insight to produce a BIM information-centric based building model and documentation which also includes developing environmental analysis and building performance simulations as an innovative solution to optimize the building design. The module will adopt a project-based and problem-based learning where students adopt their learning a student-centered learning approach in executing a real-world building project. In delivering such projects, students will be exposed to practical and workshop-based sessions to develop projects. The delivery of the module is based on blended learning approach where guided learning such lectures and tutorial session shall be conducted either online synchronous or asynchronous sessions and to be supported with face-to-face session during the practical computer lab session. The students will be assessed by combination of group performance and individual performance for the respective assignments given. First assessment component shall be a Collaborative BIM Project where students develop design and execute a BIM integrated project delivery approach and the second assessment component Building Performance Analysis Report by which Individually students are required to further develop and optimize the performance of the building design.</p>

<p>Sustainable Housing Development</p>	<p>This module provides students with the opportunity to apply their understanding of global environmental issues and the principles of ecologically sustainable development to large-scale housing development. Emphasis is placed on independent research, self-developed project planning and the application of existing and new knowledge and skills. The module creates an understanding of the implications of sustainability principles in construction projects as well as engaging the links between housing and other forms of sustainable building and development.</p> <p>The learning and teaching approach for the module will be student centered learning. TIMES will be used for students to access module materials, project briefs, assignments, and announcements. Various teaching and learning strategies such as experiential learning, problem-based learning, site visits, group discussions, presentations, working in groups, etc. are employed to facilitate the learning process. This module is supported by a combination of online lectures and tutorials where regular review and feedback is given in the form of formative assessment. One of the major assessment tasks is to produce an assignment related to the green sustainable development.</p>
<p>Nature and Architecture</p>	<p>This module emphasises the idea of adapting Nature as the design generator tool for addressing challenges in sustainability issues in built environment. It emphasises the process of studying and understanding nature and the issues of certain geography and mimicking the form, function, systems, and process of that nature in generating creative design solutions, products or services that meet the need in the current industry. Through interactive and dynamic exercises, students will gain a deeper understanding of ecomimicry, practice solving real-world challenges using ecomimicry and explore the emerging science of looking at nature for inspiration.</p> <p>Students will explore a simplified design evaluation for a chosen biomimicry form, function or system using a precedent study and adopt the application to tropical climate condition. Students will apply their knowledge to identify, develop and solve the problems given in a systematic way by applying appropriate recommendation on built environment strategies</p> <p>To conduct the learning and execution of assignments, students will be exposed to the wide context of biomimicry pattern, process and analysis through project based learning and case study method with problem solving process, a blended series of online lecture from academics and industry, online tutorial and workshops, guided face-to-face and TIMEs communication portal for accessing Module brief, assignment and submission. In delivery their assignments, students learning shall also be addressed using formative assessment such as constructive feedbacks and discussions by either both peer-to-peer and tutor-to-student leading to a summative assessment task.</p>
<p>Environment and Technology I</p>	<p>The module emphasizes the role of sustainable building technology and environment in architectural design through analysis and evaluation of tropical high-rise buildings. It addresses architecture as integration into the environment and technology. It provides the necessary theories [1] on Life cycle Energy Analysis (LCEA), passive energy efficiency strategies (thermal and lighting), passive fire protection and design and construction of lift shafts and sustainable materials to critically assess the architectural design, where it is considered holistically. Specific topics of environment and technology are isolated for investigation. It equips students with knowledge of designing energy-efficient buildings using passive strategies, benign materials and meeting local fire safety requirements to</p>

	<p>inform the design and, to support the design resolution of students' Design Studio (Advanced Architectural Design I), particularly with respect to energy efficiency and technological aspects.</p> <p>The teaching and learning will revolve around students being presented with issues in realistic situations found in everyday spaces and places. Students will be provided with authentic context that reflects how knowledge will be used. The module is supported by a combination of regular face-to-face lectures, tutorials, asynchronous learning, and feedback sessions in the form of formative assessment to ensure the students have embraced the principles' alignment to the learning outcomes in relation to the module. Students' learning will be assessed via case study analysis and integrated design solutions. The assignments consist of both group and individual work. The assignments will be on real-life issues and case studies. Assignments shall be submitted at the official online portal</p> <p>Students are required to be self-driven with supervision by the instructor on a defined outline of content and methodology.</p>
<p>Environment and Technology II</p>	<p>This module emphasizes the role of building technology and sustainability in architectural design through an analysis and evaluation of an urban setting or group of buildings. It addresses architecture as an integration of the sustainable, technology and tropical climate response. These three factors are considered as holistic components of architectural design which may be critically assessed with theories. Specific topics of environment and technology are isolated for investigation. The module equips students with knowledge of building science and skills in the use of information and digital technology to inform sustainability and buildability of the design through conceptual master planning and to support the design resolution of students' Architectural Design, particularly with respect to architectonic and technological aspects.</p> <p>Students will produce a conceptual analysis of a masterplan of site chosen with ecocity framework/model by specifying contextual parameters (building use, building project, location, climate) improving environmental quality of the natural and built environment for future resilience . Students will apply their knowledge to identify, develop a sustainable solution to the problems given in a systematic way by applying appropriate recommendations on energy analysis of a building including the structural, sustainable structure system and constructional strategies for building design. (Concept, design, and system).</p> <p>To conduct the learning and execution of assignments, students will be exposed to the wide context of environmental and technology through project based learning, a blended series of online lectures from academics and industry, online tutorial and workshops, guided face-to-face and TIMEs communication portal for accessing Module brief, assignment and submission. In delivering their assignments, student's learning shall also be addressed using formative assessment such as constructive feedback and discussions by either both peer-to-peer and tutor-to-student leading to a summative assessment task.</p>

**School of Biosciences**

No.	Module Code	Module Name	Credit Value	Year Level	Level	Module Pre-requisite
1	AGR60204	Integrated Project for Sustainable Urban Farming	4	2	Undergraduate	AGR60104, AGR60304, AGR60404
2	AGR60304	Sustainable Agriculture	4	2	Undergraduate	NIL
3	BIO60304	Biodiversity and Conservation	4	1	Undergraduate	NIL
4	BIO62704	Molecules from Nature: Biodiversity and Natural Products	4	1	Undergraduate	NIL

Module Name	Module Synopsis
Integrated Project for Sustainable Urban Farming	<p>The module focuses on impact project research that fosters innovative and sustainable urban farming approaches for achieving food security. Students are introduced to an exploration of crops development and production, distribution practices, urban agriculture policies, as well as soil health and soil contamination.</p> <p>The learning and teaching approach for the module will be seminar-based, with students engaging with key experts in sustainability and food security during the seminar sessions and presenting their ideas and thoughts within the group. There are regular review and feedback sessions leading to the development of proposal and implementation of impact projects to assess progress and alignment to the learning outcomes. The module is supported by a combination of seminars and project sessions. In the preliminary proposal work, students engage with farmers and communities to identify priorities and needs associated with production, economic, and food distribution challenges for urban farms, food waste, and accessibility to fresh affordable in urban communities. The major project can involve research evaluation on resilient agroecological production approaches, economically viable distribution methods, and ways to increase food access and security.</p> <p>Students will be assessed based on their ability to acquire and apply knowledge. The assessment methods include presentations, reports, and reflections, which will determine students' content knowledge and transferable skills such as personal competencies, communication skills &amp; entrepreneurship.</p>
Sustainable Agriculture	<p>Sustainable agriculture can be defined as farming in a sustainable way to meet the demands of the people without compromising the environment as well as protecting the earth to ensure a healthy life for all mankind. The practice of sustainable agriculture comes in many forms, depending on the needs of the farmers or land managers. Sustainable agriculture incorporates environmentally friendly approaches in the production of crops and livestock without damaging the environment. The increase in human population has increased the demand for food supply. This situation has led to food security issues, which we must ensure is sufficient for everyone while conserving our environment through good agriculture practices. This module covers various aspects of sustainable agriculture including agronomy, horticulture, aquaculture, plantation,</p>



	<p>plant protection, agriculture technology, soil management and organic farming.</p> <p>Each topic in this module will be taught through face-to-face lecture, online lecture, laboratory analyses, field work and planting of crops. This module will be assessed based on written-exam, guided practical, project-based assignment, and presentation. The concepts, knowledge and various techniques learned in this MODULE will enable students to work with various organizations from direct crop cultivation, and/or research to management of plantations with an understanding on how to increase yield of crops, increase disease resistance, and enhanced product quality, while lowering the cost of production, and reduce losses. Students can also be affiliated with manufacturers dealing with fertilizer, pest management, breeding, regulation, and bodies implementing good agricultural practices. After completion of this module, students will have basic knowledge in managing and incorporating sustainability in their farming while learning about the science behind sustainable agriculture. Hence, the students will be able to make proper decision on selecting suitable crops to be planted and make proper decision in selecting suitable area, types of farming and types of fertilizer to be applied</p>
<p>Biodiversity and Conservation</p>	<p>This module is to introduce basic understanding of the inter-relationship between the living processes of humans, animals, plants, and organisms with the habitats that they live in. It also provides students with an overview in the areas related to biodiversity conservation. The module discusses the various strategies of conservation and sustainability of our environment. The students will be equipped with sound understanding of biological diversity and the related processes, where the knowledge can be extended into various fields, including biotechnology, human biology, and the environment. Module content will be delivered as lectures and relevant online materials (eg. Youtube), and concepts will be extended in detailed problem-solving exercises during the tutorials. Students will develop their practical skills in identifying the diverse life forms and key ecological concepts in the environment through field trips (include both the aquatic and terrestrial habitats) and laboratory work. The students will also work on a group assignment in the form of oral presentation in the latest issues related to biodiversity and conservation. Students will be assessed continuously through written examinations, assignments, and practical worksheets and reports. Students' level of understanding of the knowledge will be assessed formatively via written examinations. Their experimental data analysing skill will be assessed through worksheets and reports. Critical thinking skill, social competency and teamwork will be assessed through fieldtrips and group assignment.</p>
<p>Molecules from Nature: Biodiversity and Natural Products</p>	<p>This module is to introduce basic understanding of the inter-relationship between the living processes of humans, animals, plants, and organisms with the habitats that they live in. It also provides students with an overview of utilising the resources in various aspects, particularly the medicinal approach. The module discusses the various strategies of biological resources management and utilisation of natural resources. The students will be equipped with sound understanding of biological diversity and the related processes, where the knowledge can be extended into various fields, including biotechnology, human biology, and the environment, in addition to its resources and utilisation as natural products. Module content will be delivered as lectures and relevant online materials (eg. YouTube), and concepts will be extended in detailed problem-solving exercises during the tutorials. Students will develop their practical skills in identifying the diverse life forms and laboratory work involving extraction and identification of constituents from the natural products as well as their biological</p>

	activities. The students will also work on a group assignment in the form of oral presentation on the importance of natural resources and their application. Students will be assessed continuously through written examinations, assignments, and practical worksheets. Students' level of understanding of the knowledge will be assessed formatively via written examinations. Their experimental data analysing skill will be assessed through worksheets and reports. Critical thinking skills, social competency and teamwork will be assessed through fieldtrips and group assignment.
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### School of Engineering

No.	Module Code	Module Name	Credit Value	Year Level	Level	Module Pre-requisite
1	CHE60204	Renewable and Alternative Energies	4	2	Undergraduate	NIL
2	ENG60604	Sustainable Development in Engineering	4	2	Undergraduate	NIL

Module Name	Module Synopsis
Renewable and Alternative Energies	This elective module provides students with the knowledge on renewable energies such as solar energy, bioenergy, hydroelectricity, tidal power, wave energy, wind energy, geothermal energy as well as the impact of these energies to the environment, economy and social. This module also introduces to the students how these renewable energies can be used in different situations for power generation as well as the possibility and challenges of the energies to be integrated with the existing energies. The teaching and learning approaches adopted for this module are guided learning, self-directed learning, and problem-based learning. Lectures and tutorials will be delivered through blended learning approach, which including face-to-face learning, online synchronous face-to-face learning, online asynchronous non-face-to-face learning, and online asynchronous activities. Moodle (TIMES) is the main platform for all the online asynchronous learning and activities. Student learning outcomes will be assessed through formative (Quiz) and summative (Test, Assignments, Presentation and Final Examination) assessments in this module. Quiz, Test, Assignments, Presentation, and Final Examination are adopted to assess the knowledge, understanding and cognitive abilities of students in solving the problems by using the knowledge introduced in this module. Moreover, the assignments also support the research-led-learning in this module since the students are required to read and critically evaluate the current technology research on renewable energies.
Sustainable Development in Engineering	Sustainable development in engineering is a practice that all chemical engineers need to implement. All possible pollutants (eg, air, water, soil) are discussed in this module and case studies are applied to implement standards on existing pollution problems. The scope covers topics of current environmental challenge, sustainable development principles, legislations for sustainable process design, sustainable chemical process system to prevent air, water and soil pollution. In practical lab session, students are required to conduct investigation to study wastewater treatment efficiency through experimental configuration. The content of this module equipped students with the knowledge on designing sustainable chemical processes which support the achievement

	<p>of SDG6, Clean Water and Sanitation, and SDG11, Sustainable Cities and Communities. This is intended to be a multidisciplinary learning experience module with the opportunity to work with students from other faculties/ schools.</p> <p>The teaching and learning approach for the module will be guided learning, self-directed and problem-based learning, with students engaging with practical tasks during the laboratory session and collaborating in group for solving case studies in lecture and tutorial classes. This module implemented blended learning with pre-recorded lecture on Moodle (TIMeS) and face-to-face classroom practices. There is one lab practical on current environmental issues where students are required to study environmental legislation and to perform pollution control analysis. In the assessment for assignment, students are required to work in group to study waste management for a selected chemical plant.</p> <p>The assessment components include formative (Quiz) and summative (Test, Assignments, Practical and Final Examination) assessments which will be used to assess student's knowledge, understanding, and cognitive abilities. Finally, psychomotor skills will be assessed with lab practical.</p>
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#### School of Hospitality, Tourism and Events

No.	Module Code	Module Name	Credit Value	Year Level	Level	Module Pre-requisite
1	EVT61704	Sustainable Event Management	4	2	Undergraduate	NIL
2	TOU62104	Sustainable Tourism Development	4	2	Undergraduate	NIL
3	HOS70404	Sustainable Development in Hospitality and Tourism	4	1	Postgraduate	NIL

Module Name	Module Synopsis
Sustainable Event Management	<p>Sustainability has emerged as an important events management concept, and successful events managers must be equipped with knowledge and understanding of various components related to sustainable event management. This module introduces global environmental issues and sustainability management in the events industry. It includes various components and elements related to sustainable events management, which would enable students to develop and manage environmentally sustainable events successfully.</p> <p>The learning and teaching approach for the module will encapsulate Authentic Learning when students examine and review environmentally sustainable components at various stages of an event. Additionally, students will undergo Problem-based Learning by developing a compelling proposal that recommends systems and best practices for implementation at sustainable events. The module is also supported by a combination of face-to-face and Blended Learning/e-Learning sessions, with materials accessible through TIMES.</p>

	<p>The module has a combination of two assignments and one group project. The assignments require students to recognise environmentally sustainable components for events, and then review these components at various stages of an event. The main project requires students to recommend and justify the implementation of environmentally sustainable components for an event of their design. Students will also be given the opportunity to participate in multidisciplinary collaborations to enhance their group project. Guidance shall be provided through regular feedback and discussions as well as critique through peer and tutor formative assessment.</p> <p>Additionally, nine (9) topics that are taught in this module will adhere to the United Nations Sustainable Development Goals (UNSDG) no. 6, 7, 11 and 12.</p>
Sustainable Tourism Development	<p>The module introduces students to the concepts of sustainable development that can be integrated in tourism business environment. The module will also investigate the fundamental theories of sustainability, the three dimensions of sustainable development; social, economic, and environmental pillars. Another part of the module, the students will have the opportunity to explore and execute the Sustainable Development Goals (SDGs 2015-2030) within the scope of hospitality and tourism. Various indicators of sustainable tourism development that are used by UNWTO, top tourism destinations, and major tourism organizations to measure sustainability in a particular tourism entity will also be explored. The module will adopt a personalized and collaborative learning and teaching approach where there will be a mixture of guided learning and project-based learning. Students will be guided through online lectures, face-to-face lectures, and tutorials together with a series of online activities that help to prepare students for the final written assessment. Students are required to conduct online information search to prepare for the face-to-face tutorial sessions and for preparation of assignments and projects. The module has an individual assignment and a group project. The assignments require students to evaluate the impacts of sustainable development goals on hospitality and tourism industry. The main project requires students to present the potential sustainable practices that tourism organizations can employ towards achieving 17 SDG's.</p>
Sustainable Development in Hospitality and Tourism	<p>The module introduces students to the concepts of sustainable tourism development in a global environment. The module will also investigate the fundamental theories of sustainability, the three dimensions of sustainable development; social, economic, and environmental pillars. Another part of the module will emphasize the development of Sustainable Development Goals (SDG 2015-2030) within the scope of hospitality and tourism. The module will adopt a personalized and collaborative learning and teaching approach where there will be a mixture of guided learning and project-based learning. Students will be guided through online lectures, face-to-face lectures, and tutorials together with a series of online activities that help to prepare students for the final written assessment. Students are required to conduct online information search to prepare for the face-to-face tutorial sessions and for the preparation of assignments and projects. The module has an individual assignment and a group project. The assignments require students to evaluate the impacts of sustainable development goals on the hospitality and tourism industry. The main project requires students to present the potential sustainable practices that tourism organizations can employ towards achieving 17 SDG's.</p>

## The Design School

No.	Module Code	Module Name	Credit Value	Year Level	Level	Module Pre-requisite
1	DST63904	Ethical and Sustainable Fashion	4	2	Undergraduate	NIL

Module Name	Module Synopsis
Ethical and Sustainable Fashion	<p>In this course, students learn the understanding and application of ethical and sustainability value in fashion. Evaluate broadly the impact and views of ethical and sustainable fashion from various perspectives and the contemporary learning of this concept to integrate environmental, future generations (society), and nature into a sustainable development. In this module, students will be able to distinguish relations between ethical value and sustainability approach in fashion. Students will explore the concept of ethical and sustainability that able to support fashion design and businesses, aware of the implications ethical and concept of sustainability in fashion. As part of the learning experience, students will be exposed to various study case series focusing on contemporary issues in fashion. At the end of this course, student will gain a managerial skill of decision making by understanding the ethical components in the case and the sustainability concept to ensure the product developed are following the concept of sustainability thinking. This module will be delivered as a lecture-based learning approach with blended learning where students will experience a face-to-face form of learning experience in class sessions and blended with online teaching models where students learn to use technology to facilitates their individual and collaborative learning and assessment. A project-based assessment will be given to students which contains continuous assessments throughout the semester. A Final Project assessment takes place at the end of the semester and shall be completed by students at the end of the semester. Assessments will measure a student's learning productivity. For each assessment given, the lecturer will provide feedback to improve student's learning progress. Through the completion of this module, students will be able to achieve learning outcome designed for this module.</p>