

Annexe A: New/Revised Course Content in OBTL+ Format

Course Overview

The sections shown on this interface are based on the templates [UG OBTL+](#) or [PG OBTL+](#)

If you are revising/duplicating an existing course and do not see the pre-filled contents you expect in the subsequent sections e.g. Course Aims, Intended Learning Outcomes etc. please refer to [Data Transformation Status](#) for more information.

Expected Implementation in Academic Year	AY2024 S2 & AY2025 S1
Semester/Trimester/Others (specify approx. Start/End date)	Semester 1 Semester 2
Course Author * Faculty proposing/revising the course	Lim Yee Fen
Course Author Email	yeefen@ntu.edu.sg
Course Title	LEGAL & ETHICAL ISSUES IN SUSTAINABILITY
Course Code	AB0301
Academic Units	3
Contact Hours	39
Research Experience Components	Undergraduate Research Opportunity Programme (UROP)/Undergraduate Research Experience on Campus (URECA)/ Education Research (for NIE BaBSc/SSM)

Course Requisites (if applicable)

Pre-requisites	Nil
Co-requisites	
Pre-requisite to	
Mutually exclusive to	
Replacement course to	
Remarks (if any)	

Course Aims

This course aims to give you an understanding of and ability to explain and implement sustainability beyond its environmental aspects and to fundamentally understand and apply ethical reasoning processes to business issues that encompass the triple bottom line of Planet, People and Profits. You will be able to explain and apply sustainability laws and the policies that move the enactment of these laws, regulations, and guidelines. You will study these issues from an international and national perspective and will have an appreciation of the roles and limitations of the law in resolving some of these issues. This course will cover an expansive array of sustainability issues, including diverse areas such as ethics, climate change, ozone depletion, pollution (air, land, marine), loss of biological diversity, corporate social responsibility, and business environmental management at international and national levels. It will also encompass productivity gains, corporate image, and other crucial legal and business matters, hence it will be valuable to anyone interested in the future of the world, independent of which disciplines they may find themselves in, as law and regulation permeates into all aspects of society and our lives. As we all live, work and often play in the built (man-made) environment, this course will devote considerable time examining the way our built environment can be developed to enable a sustainable future. Schemes such as the Singapore Building and Construction Authority's Green Mark Scheme for buildings will be studied, along with initiatives such as the Sino-Singapore Tianjin Eco-City, and of course practical examples such as the design of Google's data centres will also be canvassed. The focus will be on the best practices in environmental design and performance of buildings in order for internal and external spaces to be utilised in a sustainable manner. Hence, this course will give you a strong foundation in sustainability, irrespective of which future career you find yourself in.

Course's Intended Learning Outcomes (ILOs)

Upon the successful completion of this course, you (student) would be able to:

ILO 1	Examine key concepts and principles related to legal compliance and ethics
ILO 2	Develop the knowledge, skills, and attitude essential for making difficult but crucial decisions in complex ethical situations
ILO 3	Explain the importance of legal and ethical principles for steering and managing a sustainable business/organization considering local, regional, and international requirements
ILO 4	Recognize the importance of leadership in embedding an ethical culture

Course Content

1. Sustainability 2. Corporate social responsibility 3. Anti-Bribery and Corruption 4. The Universal Declaration of Human Rights 5. International Environmental laws and regulations 6. Singapore Environmental laws and regulations

Reading and References (if applicable)

Textbooks There is no set Text for this course. Required readings will come from various sources and other reference material which will generally be made available either via NTULearn or NTU library subscriptions. You will also be referred to selected chapters of various texts which are available in the library. Selected Conventions, Protocols and Regulatory Instruments The course will also give you the opportunity to reference selected legislation, rules, and guidelines issued by various regulatory bodies as well as some reference texts. These would include: Rio Conference & Agenda 21 United Nations Framework Convention on Climate Change (UNFCCC) Kyoto Protocol BCA Green Mark Scheme Assessment Criteria Patricia Birnie, Alan Boyle & Catherine Redgwell, International Law and the Environment, 3rd ed. 2009, Oxford University Press Philippe Sands, Principles of International Environmental Law, 2nd ed. 2004, Cambridge University Press Hunter, Salzman & Zaelke, International Environmental Law and Policy, 3rd Ed. 2007, Foundation Press, University Casebook Series Environmental Law and Enforcement in the Asia-Pacific Region, Terri Mottershead, Gen, Ed. 2002, Sweet & Maxwell Singapore statutes including subsidiary laws downloadable from the Attorney General's website

Planned Schedule

Week or Session	Topics or Themes	ILO	Readings	Delivery Mode	Activities
1	Defining Sustainability	1	1. USEPA, Climate change: Basic Information 2. International Institute for Sustainable Development, What is Sustainable Development? (including the 2012 version of the Timeline)	In-person	

Learning and Teaching Approach

Approach	How does this approach support you in achieving the learning outcomes?
Seminars	The interactive seminar sessions provide ample opportunities for open discussion on the conceptual questions raised in the class and allows you to think ethically and share your ideas and concepts with the class. This also allows me to get the concepts clearly through the entire class by involving you and ensure that the targeted learning outcomes are being achieved
Videos	Videos are used as material for discussion of course concepts and strategies
In-Class activities	Some learning outcomes for this course are skills which are practical in nature and cannot be achieved by reading and writing. The achievement of such learning outcomes requires hands-on experience, in-class activities provide such opportunities through case studies

Assessment Structure

Assessment Components (includes both continuous and summative assessment)

No.	Component	ILO	Related PLO or Accreditation	Weightage	Team/Individual	Rubrics	Level of Understanding
1	Continuous Assessment (CA): Test/Quiz(Quiz – conducted during class time)	ILO1, ILO2, ILO3, ILO5	Acquisition of knowledge	25	Individual	Analytic	Relational
2	Continuous Assessment (CA): Assignment(Written Individual Assignment)	ILO1, ILO2, ILO3, ILO5, ILO6, ILO7	Acquisition of knowledge, Ethical Reasoning, Critical Thinking	30	Individual	Analytic	Multistructural
3	Continuous Assessment (CA): Presentation(Presentation Weeks 12 & 13)	ILO4, ILO5, ILO6, ILO7	Acquisition of knowledge, Critical Thinking, Oral Communication	20	Individual	Analytic	Multistructural
4	Continuous Assessment (CA): Class Participation(Class Participation)	ILO1, ILO2, ILO4, ILO6	Ethical Reasoning	25	Individual	Analytic	Relational

Description of Assessment Components (if applicable)

Formative Feedback

Feedback is central to this course. You will receive feedback as you learn during the course in the following ways, which are part of course assessment:

Quiz: The Quiz will be returned to you and the answers explained in class. Besides providing transparent feedback on scoring, this is meant to further knowledge and reasons for the correct selection are explained.

Written Assignment: The graded assignment will be returned to you, with comments and critique on the returned paper using Turnitin

Participation: The seminars are participation driven - through question and answer, you will have opportunity to clarify and challenge, and in turn be questioned. In addition, interim feedback on your participation scores will be given at least once in middle of the course.

Presentations: A short Q&A with the class and instructor follows each presentation, and comments will be given.

In addition, feedback in terms of whether the performance exceeds, meets or is below expectations will be given afterwards.

NTU Graduate Attributes/Competency Mapping

This course intends to develop the following graduate attributes and competencies (maximum 5 most relevant)

Attributes/Competency	Level
Care for Environment	Advanced
Care for Society	Advanced
Decision Making	Intermediate
Ethical Reasoning	Advanced
Critical Thinking	Advanced

Course Policy

Policy (Academic Integrity)

Good academic work depends on honesty and ethical behaviour. The quality of your work as a student relies on adhering to the principles of academic integrity and to the NTU Honour Code, a set of values shared by the whole university community. Truth, Trust and Justice are at the core of NTU's shared values. As a student, it is important that you recognize your responsibilities in understanding and applying the principles of academic integrity in all the work you do at NTU. Not knowing what is involved in maintaining academic integrity does not excuse academic dishonesty. You need to actively equip yourself with strategies to avoid all forms of academic dishonesty, including plagiarism, academic fraud, collusion and cheating. If you are uncertain of the definitions of any of these terms, you should go to the academic integrity website for more information. On the use of technological tools (such as Generative AI tools), different courses / assignments have different intended learning outcomes. Students should refer to the specific assignment instructions on their use and requirements and/or consult your instructors on how you can use these tools to help your learning. Consult your instructor(s) if you need any clarification about the requirements of academic integrity in the course.

Policy (General)

You are expected to complete all assigned pre-class readings and activities, attend all seminar classes punctually and take all scheduled assignments and tests by due dates. You are expected to take responsibility to follow up with course notes, assignments and course related announcements for seminar sessions you have missed. You are expected to participate in all seminar discussions and activities.

Policy (Absenteeism)

Absence from class without a valid reason will affect your overall course grade, for example, you cannot get participation scores for the days on which you are absent. Valid reasons include falling sick supported by a medical certificate and participation in NTU's approved activities supported by an excuse letter from the relevant bodies. If you miss a lesson, you must inform the course instructor via email prior to the start of the class, or in any case, in that week.

Policy (Others, if applicable)

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