

## 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	
Semester/Trimester/Others (specify approx. Start/End date)	
Course Author * Faculty proposing/revising the course	Ji Min Park
Course Author Email	kate.park@ntu.edu.sg
Course Title	Sustainable Finance
Course Code	BF2228
Academic Units	0
Contact Hours	39
Research Experience Components	

## Course Requisites (if applicable)

Pre-requisites	AB1201 or BU5201 or BU8201
Co-requisites	
Pre-requisite to	
Mutually exclusive to	
Replacement course to	
Remarks (if any)	

## Course Aims

This is an introductory course on Sustainable Finance. The course discusses the fundamental concepts to understand how sustainability issues have become relevant to the investment decisions by corporate managers, professional investors, and any participant in the market. This course aims to provide basic understanding and analytical skills in sustainable finance to students interested in a career in finance and prepare them to take other advanced finance courses. Students will learn how ESG (environmental, social, and governance) factors affect the various sectors in finance, how to interpret these metrics of companies to access financial returns, and how to measure risks associated with sustainable issues such as climate change. Sustainable investing is now a common practice in the financial markets. This course also covers basic knowledge of impact investing and sustainable and responsible investment by investment firms. Students will learn how to apply their knowledge and skills to real-world sustainable issues in finance.

## Course's Intended Learning Outcomes (ILOs)

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

ILO 1	Apply the key sustainable finance concepts to real world sustainability-related issues in finance
ILO 2	Interpret financial reports and sustainability reports for Singapore and international contexts
ILO 3	Describe the basics of ESG factors and their applications
ILO 4	Analyze the impact of recent policy and regulatory changes on sustainable finance
ILO 5	Assess corporate sustainable risks and the impacts of risk on stakeholders
ILO 6	Examine how sustainability issues affect management decisions by corporate managers and investment decisions by professional investors such as mutual funds, pension funds, private equity, etc

## Course Content

1.Introduction to the Sustainable Finance 2.ESG (environment, social, and governance) factors 3.Sustainability Reporting 4.Corporate Governance and Corporate Social Responsibility 5.ESG and Climate Change 6.Sustainability and Financial Returns 7.Impact Investing8.Overview of Responsible and Sustainable Investment

## Reading and References (if applicable)

Seminarnotes will be provided prior to the start of seminar session. Academic articles, magazine/news articles, and other relevant readings will be supplemented to address the issues in sustainable finance.These will be posted on NTULearn.

## Planned Schedule

Week or Session	Topics or Themes	ILO	Readings	Delivery Mode	Activities
1	Introduction to Sustainable Finance and Overview of ESG factors	1	*Seminar notes will be posted on NTULearn		
2	Sustainability Reporting	1, 2	*Seminar notes will be posted on NTULearn		
3	Corporate Governance and Corporate Social Responsibility -1	1-4	*Seminar notes will be posted on NTULearn		
4	Corporate Governance and Corporate Social Responsibility -2	1-4	*Seminar notes will be posted on NTULearn		
5	ESG and Climate Change -1	1-4	*Seminar notes will be posted on NTULearn		
6	ESG and Climate Change -2	1-4	*Seminar notes will be posted on NTULearn		
7	Group Case Study Presentation	1-4			
8	Sustainability and Financial Returns	5, 6	*Seminar notes will be posted on NTULearn		
9	Impact Investing - 1	3-6	*Seminar notes will be posted on NTULearn		
10	Impact Investing - 2	3-6	*Seminar notes will be posted on NTULearn		
11	Overview of Responsible and Sustainable Investment - 1	3-6	*Seminar notes will be posted on NTULearn		

Week or Session	Topics or Themes	ILO	Readings	Delivery Mode	Activities
12	Overview of Responsible and Sustainable Investment - 2	3-6	*Seminar notes will be posted on NTULearn		
13	Final Project Presentation	1-6			

## Learning and Teaching Approach

Approach	How does this approach support you in achieving the learning outcomes?
Seminars	The seminar sessions will be interactive and there is ample opportunities for open discussion on the conceptual questions raised in the class allows you to think critical and share their ideas and concept 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
Quizzes	I will design the quizzes to help you understand reading assignments and deepen your analytical skills to apply the concepts and materials in the course.
Home work assignment(s)	The assignments require you to generate, analyze and deliver humorous materials in a guided manner.
Group projects	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.

# 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): Class Participation(Class Participation )	1-6	Oral Communication	10	Individual		
2	Continuous Assessment (CA): Test/Quiz(Quizzes)	1,3-6	Critical Thinking, Acquisition of Knowledge	30	Individual		
3	Continuous Assessment (CA): Assignment(Homework Assignment)	2-6	Critical Thinking, Acquisition of Knowledge	10	Individual		
4	Continuous Assessment (CA): Report/Case study(Group Case Study (All members of group receive same group score unless peer evaluation indicates that the member did not contribute.))	1-5	Problem Solving & Decision Making,Critical Thinking, Teamwork & Interpersonal Skills	20	Team		
5	Continuous Assessment (CA): Project(Final Project - 30%, of which 20% is a group score and 10% is an individual presentation score (All members of group receive same group score unless peer evaluation indicates that the member did not contribute.))	1-6	Critical Thinking &Creative Thinking,Teamwork & Interpersonal Skills ,Oral & Written Communication	30			

## Description of Assessment Components (if applicable)

C1.Absence from class will affect your class participation scores. During seminars, you are expected to participate in in-class activities and discussions. Class participation includes your responses to the instructor's cold call. Please refer to Appendix 4.

C2.At the beginning of four lectures, I will distribute a short quiz that tests your understanding of the pre-class reading assignment and the materials covered in the previous lectures. You will have 30 minutes for each quiz, and the quiz is a closed book with multiple-choice and short answer questions. The quiz aims to test whether you

have understood the concepts in the previous lectures and whether you have finished your reading assignment. I will distribute the graded quiz in the next class for your review. If you miss the quiz and your absence is not excused by the university rules, then your numerical grade for the quiz is zero. If you have to miss the quiz and your absence can be excused by the university approved reason, you should email the instructor before the quiz to schedule an alternate quiz date and time for you.

C3. The homework assignments will be distributed via NTU Learn and due by 8:00 am one week later. Late assignment will not receive any credit. You are responsible for submitting the assignment using NTU Learn. It is not allowed to share any work with other students in class. If you have trouble accessing NTU Learn due to technical issues, the pdf version of the assignment should be sent to the instructor's email account at kate.park@ntu.edu.sg by the due date. The assignment will be graded on a pass-fail basis.

C4. The case study is a team project. Each group comprises around five students to have a total of 10 groups in the course. The instructor will randomly assign students to groups. In the case study, each group will be asked to select a company of their choice. You should preferably select a publicly traded company and should not select banks, insurance companies, and other financial institutions. The company does not need to be listed in Singapore, but you should be able to find the accounting information for the selected company and submit it with your final version of the slides. You will also need to select one competitor to make comparisons. The competitor should be as related as possible to the company that you choose and its accounting information should be available in the standard source as your chosen company. Your choice of two companies will be one major part of grading. Specific guidelines and assessment criteria will be provided. Each group member is not required to present. All group members are required to complete a peer evaluation for each team member and will receive the same group score. If the peer evaluation indicates that you have not contributed enough to the project, your group score will be awarded based on your average ratings from the peer evaluation. Please refer to Appendix 1 for assessment criteria and Appendix 3 for peer evaluation.

C5. The final project is a team project. Each group comprises around five students to have a total of 10 groups in the course. The instructor will randomly assign students to groups. In the final project, each group will develop an impact investing/responsible investing strategy. The presentation slides should be submitted prior to the presentation date. Specific guidelines and assessment criteria will be provided. Each group member is required to present for the individual presentation scores. All group members are required to complete a peer evaluation for each team member and will receive the same group score. If the peer evaluation indicates that you have not contributed enough to the project, your group score will be awarded based on your average ratings from the peer evaluation. Please refer to Appendix 2 for assessment criteria and Appendix 3 for peer evaluation.

### Formative Feedback

Feedback is central to this course. In addition to your scores, you will receive summative group feedback on each quiz and homework assignment. For the group case study and the final project, I will ask for digital copies of your written report/presentation so that I may provide feedback on both style and content

## **NTU Graduate Attributes/Competency Mapping**

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

Attributes/Competency	Level
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# Course Policy

## Policy (Academic Integrity)

## 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 quizzes by due dates. You are expected to take responsibility to follow up with course notes, assignments and course related announcements for seminar sessions they have missed. You are expected to participate in all seminar discussions and activities.
- Given the uncertain nature of pandemic situation, the course requirements, deadlines, and meeting arrangements are subject to sudden change. The instructor will communicate any adjustments using university email, verbal and written content during seminars, and announcements on NTU Learn.
- No late submission for homework assignment will be accepted. Late submissions for group projects will receive half credits.

## Policy (Absenteeism)

- Absence from class without a valid reason will affect your overall course grade. 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 lecture, you must inform the course instructor via email prior to the start of the class.
- If you miss the quiz/individual presentation and your absence is not excused by the university rules, then your numerical grade is zero. No make-up quiz/individual presentation will be provided.

## Policy (Others, if applicable)

Last Updated Date: 11-03-2024 01:31:35

Last Updated By: Koh Yi Jing