

# SEE3206: ENVIRONMENTAL SOCIAL GOVERNANCE

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## Effective Term

Semester A 2025/26

## Part I Course Overview

### Course Title

Environmental Social Governance

### Subject Code

SEE - School of Energy and Environment

### Course Number

3206

### Academic Unit

School of Energy and Environment (E2)

### College/School

School of Energy and Environment (E2)

### Course Duration

One Semester

### Credit Units

3

### Level

B1, B2, B3, B4 - Bachelor's Degree

### Medium of Instruction

English

### Medium of Assessment

English

### Prerequisites

Nil

### Precursors

SEE2204 Principles of Sustainability;  
SEE3003 Climate Change and Adaptation Strategies;  
SEE3205 Urban Sustainability

### Equivalent Courses

Nil

### Exclusive Courses

Nil

## Part II Course Details

### Abstract

The world is changing and it is dominated by environmental and social risk. Faced with these challenges, Environmental Social Governance (ESG) is a response formulated by business to do the “right” thing. ESG refers to three key factors when measuring the sustainability and ethical impact of an investment in a business or company. We look at the principles of ESG, how to apply materiality and how to deal with issues of transparency and disclosure as well as the business case for ESG. Sustainable finance is part of ESG and ranges from green bonds and renewable infrastructure to thematic strategies that allow clients to align their capital with specific outcomes. Lastly we look at impact measurement and risk management from an ESG practitioner’s viewpoint.

### Course Intended Learning Outcomes (CILOs)

	CILOs	Weighting (if app.)	DEC-A1	DEC-A2	DEC-A3
1	Describe the principles of ESG and the business case	20		x	
2	Analyse the policies and regulations affecting ESG and how professionals in the industry respond	20		x	
3	Apply the basics of sustainable finance to environmental and social projects	20		x	
4	Apply impact measurement tools and methods	20		x	
5	Apply how ESG risk management works	20		x	

#### A1: Attitude

Develop an attitude of discovery/innovation/creativity, as demonstrated by students possessing a strong sense of curiosity, asking questions actively, challenging assumptions or engaging in inquiry together with teachers.

#### A2: Ability

Develop the ability/skill needed to discover/innovate/create, as demonstrated by students possessing critical thinking skills to assess ideas, acquiring research skills, synthesizing knowledge across disciplines or applying academic knowledge to real-life problems.

#### A3: Accomplishments

Demonstrate accomplishment of discovery/innovation/creativity through producing /constructing creative works/new artefacts, effective solutions to real-life problems or new processes.

### Learning and Teaching Activities (LTAs)

	LTAs	Brief Description	CILO No.	Hours/week (if applicable)
1	Lectures	Students will engage in lecture activities about theories and concepts in ESG.	1, 2, 3, 4, 5	
2	Tutorials	Students will apply theories and concepts in ESG on case studies and practical examples.	1, 2, 3, 4, 5	
3	Site visit(s)	Students will participate in site visit to learn from observation and exposure to real life cases.	2, 3, 4	

**Assessment Tasks / Activities (ATs)**

	<b>ATs</b>	<b>CILO No.</b>	<b>Weighting (%)</b>	<b>Remarks ("- " for nil entry)</b>	<b>Allow Use of GenAI?</b>
1	Assignments There will be several assignments throughout the semester. Students will complete the assignments to demonstrate their ability to apply their knowledge in ESG related to 'live' cases.	1, 2, 3, 4, 5	20	-	Yes
2	Site Visit(s) and Reports Students will be expected to participate in discussions with host speakers at the site visits. Students will also write individual visit reports to analyse and present their observations.	2, 3, 4	15	-	Yes
3	Quiz Students will complete a midterm test to demonstrate their ability to apply their knowledge in ESG.	1, 2, 3, 4, 5	15	-	No

**Continuous Assessment (%)**

50

**Examination (%)**

50

**Examination Duration (Hours)**

2

**Minimum Continuous Assessment Passing Requirement (%)**

30

**Minimum Examination Passing Requirement (%)**

30

**Additional Information for ATs**

Final exam will test students' ability to apply their knowledge learned throughout the course in ESG challenges. Examination duration: 2 hrs Percentage of continuous assessment, examination, etc.: 50% by continuous assessment; 50% by exam To pass a course, a student must do ALL of the following: 1) obtain at least 30% of the total marks allocated towards continuous assessment (combination of assignments, pop quizzes, term paper, visit reports and/ or quiz, if applicable); 2) obtain at least 30% of the total marks allocated towards final examination (if applicable); and 3) meet the criteria listed in the section on Assessment Rubrics.

### **Assessment Rubrics (AR)**

#### **Assessment Task**

##### 1. Assignments

#### **Criterion**

Ability to analyse and solve problems related to ESG challenges and applications.

#### **Excellent (A+, A, A-)**

Excellent analysis and problem-solving skills to demonstrate in-depth understanding of ESG challenges and applications.

#### **Good (B+, B, B-)**

Good analysis and problem-solving skills to demonstrate good understanding of ESG challenges and applications.

#### **Fair (C+, C, C-)**

Acceptable analysis and problem-solving skills to demonstrate adequate understanding of ESG challenges and applications.

#### **Marginal (D)**

Marginally acceptable analysis and problem-solving skills to demonstrate some understanding of ESG challenges and applications.

#### **Failure (F)**

Poor analysis and problem-solving skills and is barely able to demonstrate an understanding of ESG challenges and applications.

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#### **Assessment Task**

##### 2. Site visit(s)

#### **Criterion**

Ability to participate in discussions with host speakers at the site visits and analyse and present their observations/findings.

#### **Excellent (A+, A, A-)**

Excellent report writing and experimental skills with in-depth understanding of ESG challenges and applications.

#### **Good (B+, B, B-)**

Good report writing and experimental skills with good understanding of ESG challenges and applications.

#### **Fair (C+, C, C-)**

Acceptable report writing and experimental skills with adequate understanding of ESG challenges and applications.

#### **Marginal (D)**

Marginally acceptable report writing and experimental skills with some understanding of ESG challenges and applications.

#### **Failure (F)**

Poor report writing and experimental skills with poor understanding of ESG challenges and applications.

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### Assessment Task

#### 3. Quiz

##### Criterion

Ability to analyse and solve problems related to ESG challenges and applications.

##### Excellent (A+, A, A-)

Excellent analysis and problem-solving skills to demonstrate in-depth understanding of ESG challenges and applications.

##### Good (B+, B, B-)

Good analysis and problem-solving skills to demonstrate good understanding of ESG challenges and applications.

##### Fair (C+, C, C-)

Acceptable analysis and problem-solving skills to demonstrate adequate understanding of ESG challenges and applications.

##### Marginal (D)

Marginally acceptable analysis and problem-solving skills to demonstrate some understanding of ESG challenges and applications.

##### Failure (F)

Poor analysis and problem-solving skills and is barely able to demonstrate an understanding of ESG challenges and applications.

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### Assessment Task

#### 4. Examination

##### Criterion

Ability to analyse and solve problems related to ESG challenges and applications.

##### Excellent (A+, A, A-)

Excellent analysis and problem-solving skills to demonstrate in-depth understanding of ESG challenges and applications.

##### Good (B+, B, B-)

Good analysis and problem-solving skills to demonstrate good understanding of ESG challenges and applications.

##### Fair (C+, C, C-)

Acceptable analysis and problem-solving skills to demonstrate adequate understanding of ESG challenges and applications.

##### Marginal (D)

Marginally acceptable analysis and problem-solving skills to demonstrate some understanding of ESG challenges and applications.

##### Failure (F)

Poor analysis and problem-solving skills and is barely able to demonstrate an understanding of ESG challenges and applications.

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## Part III Other Information

### Keyword Syllabus

Environmental Social Governance; sustainability; climate change; social outcomes; impact measurement; reporting and disclosure; materiality; risk management

## Reading List

### Compulsory Readings

Title	
1	Tang, TSK, Business & Sustainability, Independent Publisher (2020)
2	Moore, G, ESG Disclosure Handbook (World Bank) (April, 2019)
3	Hill, J, Environmental, Social, and Governance Investing, Elsevier Press 1st Edition (2020)

### Additional Readings

Title	
1	Ramaswamy, V. Woke Inc. Hachette Book Group Inc. First Edition (2021)