

Course Syllabus

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| 1. Program of Study | Bachelor of Science (Biological Science) |
| Faculty/Institute/College | Mahidol University International College |
| 2. Course Code | ICBI 256 / ICEN 391/ ICNS 256 |
| Course Title | Sustainable Development |
| 3. Number of Credits | 4 (4 -0-8) (Lecture/lab/Self-Study) |
| 4. Prerequisite (s) | ICNS 112 |
| 5. Type of Course | General Education Course |
| 6. Session | 3 rd trimester/ Every academic year |
| 7. Conditions | - |
| 8. Course Description | Sustainable development: guiding principles and approaches; 1972 Stockholm Earth Summit; 1992 Rio Earth Summit; Agenda 21; 2002 Johannesburg World Summit; outcomes of the summits; the role of UN agencies, NGOs, governments, businesses and individuals; industry and farming and the environment; population; poverty and inequality; food and agriculture. |
| 9. Course Objective (s) | After successful completion of this course, students should be able to explain <ol style="list-style-type: none"> 9.1 the key environmental issues in sustainable development, 9.2 the different physical, biological, social and economic elements to sustainable development 9.3 the history of sustainable development 9.4 the outcome of international summits 9.5 guiding principles of Agenda 21 9.6 the requirements of the Millennium Declaration 9.7 the Actions needed in the five key thematic areas of Sustainable Development 9.8 the importance of corporate social responsibility 9.9 accountability in the tourism industry |

10. Course Outline

Week	Topic	Hour			Instructor
		Lecture	Lab	Self-Study	
1	What is Sustainable Development?	4	0	8	Wayne Phillips
2	Trends in Sustainable Development	4	0	8	Wayne Phillips
3-4	The Earth Summit, 1992	8	0	8	Wayne Phillips
5	The Earth Summit + 5. Agenda 21 Success Stories	4	0	8	Wayne Phillips
6	The Millennium Declaration (+ Mid-term exam)	4	0	8	Wayne Phillips
7	World Summit on Sustainable Development	4	0	8	Wayne Phillips
8	Corporate Social Responsibility (CSR)	4	0	8	Wayne Phillips
9	The International Organization for Standardization (ISO)	4	0	8	Wayne Phillips
10	Tourism and Sustainable Development	4	0	8	Wayne Phillips
11	Student presentations	4	0	8	Wayne Phillips
	Total	44	0	88	
Final Examination					

11. Teaching Method (s)

- 11.1 Lectures, in-class case studies, discussion, self-study and organization case study with student presentations.

12. Teaching Media

- 12.1 Text and teaching materials.
12.2 Powerpoint.
12.3 Handouts.
12.4 Case studies.

13. Measurement and evaluation of student achievement

Student achievement is measured and evaluated by

- 13.1 the ability to explain the key environmental issues in sustainable development,
13.2 the ability to explain the different physical, biological, social and economic elements to sustainable development
13.3 the ability to explain the history of sustainable development
13.4 the ability to explain the outcome of international summits
13.5 the ability to explain guiding principles of Agenda 21
13.6 the ability to explain the requirements of the Millennium Declaration

13.7 the ability to explain the Actions needed in the five key thematic areas of Sustainable Development

13.8 the ability to explain the importance of corporate social responsibility

13.9 the ability to explain accountability in the tourism industry

Student's achievement will be graded according to the faculty and university standard using the symbols: A, B+, B, C+,C,D+, D, and F.

Students must have attended at least 80% of the total class hours of this course. MUIC standard grading criteria: 90% and above is grade A

Ratio of mark

1. Case studies (x5)	25%
2. Business report and presentation	35%
3. Mid-term exam	20%
4. Final exam	20%

Assessment made from stated criteria: students with 85%+ obtain grade A

14. Course evaluation:

14.1 Students' achievement as indicated in number 13 above.

14.2 Students' satisfaction toward teaching and learning of the course using questionnaires.

15. Reference (s)

Holliday *et al*, 2002. Walking the Talk: The Business Case for Sustainable Development. Berrett-Koehler Publishers

Harris *et al* (eds), 2001. A Survey of Sustainable Development Social and Economic Dimenisons. Island Press

World Bank Publications, 2003. World Development Report 2003 :Sustainable Development in a Dynamic World.

Additional readings set by the instructor.

16. Instructor (s)

Dr Wayne Phillips

17. Course Coordinator

Dr Wayne Phillips