



University : University of Babylon
Country : Iraq
Web Address : <https://www.uobabylon.edu.iq/> ; <https://en.uobabylon.edu.iq/>

Number of courses/modules related to environment and sustainability offered

Number of courses/modules related to environment and sustainability offered in the academic year 2019-2020=308 courses.

University of Babylon Council Decisions about embedding Sustainable Development Courses at Undergraduate and Postgraduate studies in all Study Programs for the academic year 2019-2020 , according to University Act no. : 1782 dated in 18,6,2019 (The University Act issued in Arabic language and herewith the translation of the Act in English

There are seventy-seven academic specialized departments divided by 19 Faculties at the university. Each department embedded Courses of Teaching **Sustainability Development** as courses within 2hrs per week; means 24 hrs. per one semester that student should study annually. These courses are weighted as 2 credited units for each semester. It means that the undergraduate student has to study annually this subject which appropriate with his chosen department and according to general specializations: Before graduation, student have to collect credits of courses related with SDGs annually. It means four courses with different syllabus through the whole period of study program

Courses of Sustainable Development according to the Faculties depending on UN SDGs:

Students of Medicine, Nursing , Pharmacy, Dentistry have to study the Sustainability Development aims at achieving:

SDG1 No poverty,

SDG2: No Hunger,

SDG3 Good health and well-being,

SDG15 Life and Land

Students of faculties of Education, Science, Information Technology have to study the Sustainability Development aims at achieving:

SDG1 No poverty

SDG2: Zero Hunger

SDG13 Climate Action

SDG14 Life below Water

Students at Faculty of Law have to study **the Sustainability Development aims at achieving;**

SDG1 No poverty,

SDG2: No Hunger,

SDG4 Quality Education,

SDG5 Gender Equality

SDG10 Reduced Inequalities

SDG12 Responsible Consumption and production

SDG16 Peace, Justice and Strong Institutions

Students of Engineering and Material Engineering have to study the Sustainability Development aims at achieving:

SDG1 No poverty,

SDG2: No Hunger,

SDG6 Clean Water and Sanitation.

SDG9 Industry, Innovation and Infrastructure

SDG12 Responsible Consumption and production

SDG12 Sustainable Cities and Communities,

SDG13 Climate Action

SDG14 Life below Water

SDG15 Life and Land

Students at Faculty of Fine Arts, Arts, Economics and Administration have to study the Sustainability Development aims at achieving:

SDG1 No poverty,

SDG2: No Hunger,

SDG12 Responsible Consumption and production

SDG12 Sustainable Cities and Communities

SDG8: Decent Work and Economic Growth.

Students at Faculty of Physical Education and Sport Sciences have to study the Sustainability Development aims at achieving:

SDG1 No poverty,

SDG2: No Hunger,

SDG3 Good health and well-being,

SDG5 Gender Equality

SDG15 Life and Land

Postgraduate Students have to study and pass obligatory subjects related with all seventeen goals of SGGs issued by UN in 2015, for 2hrs per week; means 24 hrs per semester in the first semester of study program.

The Following details is an example about the course offered into Engineering and IT departments for the first level of this academic year:

Sustainable Development:

Symbol (0704250)

| | |
|------------------------|--|
| Course Name | Sustainable Development |
| Number of credit hours | 2 Credit hours/week / 24 hrs. per one semester 2 ساعة معتمدة |
| Course Type | Theoretical |
| Previous courses | n/a |
| Share Courses | n/a |
| Description | The objectives of this course aims to identify the student with the <u>Organizing Concepts</u> of Sustainability, Triple bottom line (TBL) of Sustainability, Sustainable Development: Definition and Defining Principles, <u>Establishing Goals</u> (What Sustainable Development specifically seeks to achieve?), <u>Creating Indicators</u> (How Sustainable Development is measured?). |
| Symbol | 0704250 |

| No. of Week | Date | Subject |
|-------------|------|--|
| 1 | | <p><u>Organizing Concepts:</u> What do we mean by sustainability?, and What do we mean by Triple Bottom Line (TBL) of sustainability?. The Concept of Sustainable Development: Definition and Defining Principles.</p> |
| 2 | | <p><u>Establishing Goals (What Sustainable Development specifically seeks to achieve?).</u> Sustainable Development Goals (SDGs) (2015-2030), Set of 17 Goals, by UNDP and Leaders from 193 Countries of the World.</p> |
| 3 | | <p>SDGs: 1-END EXTREME POVERTY IN ALL FORMS BY 2030. 2-END HUNGER, ACHIEVE FOOD SECURITY AND IMPROVED NUTRITION AND PROMOTE SUSTAINABLE AGRICULTURE.</p> |
| 4 | | <p>SDGs: (Cont.): 3-ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES. 4-ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL.</p> |
| 5 | | <p>SDGs: (Cont.): 5-ACHIEVE GENDER EQUALITY AND EMPOWER ALL WOMEN AND GIRLS. 6-ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL</p> |
| 6 | | <p>7-ENSURE ACCESS TO AFFORDABLE, RELIABLE, SUSTAINABLE AND MODERN ENERGY FOR ALL. 8-PROMOTE SUSTAINED, INCLUSIVE AND SUSTAINABLE ECONOMIC GROWTH, FULL AND PRODUCTIVE EMPLOYMENT AND DECENT WORK FOR ALL. 9- BUILD RESILIENT INFRASTRUCTURE, PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION AND FOSTER INNOVATION.</p> |
| 7 | | <p>Examination.</p> |
| 8 | | <p>SDGs: (Cont.): -REDUCE INEQUALITY WITHIN AND AMONG COUNTRIES. 10 11-MAKE CITIES AND HUMAN SETTLEMENTS INCLUSIVE, SAFE, RESILIENT AND SUSTAINABLE. . ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS 12-</p> |
| 9 | | <p>SDGs: (Cont.): 13- TAKE URGENT ACTION TO COMBAT CLIMATE CHANGE AND ITS IMPACTS. 14- CONSERVE AND SUSTAINABLY USE THE OCEANS, SEAS AND</p> |

| No. of Week | Date | Subject |
|-------------|------|--|
| | | MARINE RESOURCES FOR SUSTAINABLE DEVELOPMENT. 15- PROTECT, RESTORE AND PROMOTE SUSTAINABLE USE OF TERRESTRIAL ECOSYSTEMS, SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, AND HALT AND REVERSE LAND DEGRADATION AND HALT BIODIVERSITY LOSS. |
| 10 | | SDGs: (Cont.): 16-PROMOTE PEACEFUL AND INCLUSIVE SOCIETIES FOR SUSTAINABLE DEVELOPMENT PROVIDE ACCESS TO JUSTICE FOR ALL AND BUILD EFFECTIVE, ACCOUNTABLE AND INCLUSIVE INSTITUTIONS AT ALL LEVELS. 17- STRENGTHEN THE MEANS OF IMPLEMENTATION AND REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT |
| 11 | | <u>Creating Indicators (How Sustainable Development is measured?).</u> Sustainable Development Indicators (Selected Indicator Initiatives): - Commission on Sustainable Development - Consultative Group on Sustainable Development Indicators - Wellbeing Index - Environmental Sustainability Index |
| 12 | | Sustainable Development Indicators (Selected Indicator Initiatives): (Cont.) - Genuine Progress Indicator - Global Scenario Group - Ecological Footprint - U.S. Interagency Working Group on Sustainable Development Indicators |
| 13 | | Sustainable Development Indicators (Selected Indicator Initiatives): (Cont.) - Costa Rica - Boston Indicator Project - State Failure Task Force - Global Reporting Initiative |
| 14 | | Discuss students researches. |
| 15 | | Discuss students researches. |

Prepared By:

Prof. Dr. Mohammad Ali Al-Anbari

<http://sustainability.uobabylon.edu.iq/>

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