|  |  |  |
| --- | --- | --- |
| EXC-01-02-02A | **Form Number** | **Form:****Course Syllabus** |
| 2/3/24/2022/296305/12/2022 | **Issue Number and Date** |
|  | **Number and Date of Revision or Modification** |
| 2/3/24/2023 | **Deans Council Approval Decision Number** |
| 23/01/2023 | **The Date of the Deans Council Approval Decision** |
| 10 | **Number of Pages** |

|  |  |  |
| --- | --- | --- |
| **1.** | **Course Title** | ENVIRONMENTAL IMPACT ASSESSMENT |
| **2.** | **Course Number** | 0634446 |
| **3.** | **Credit Hours (Theory, Practical)** | 3 |
| **Contact Hours (Theory, Practical)** | Theory |
| **4.** | **Prerequisites/ Corequisites** | Soil Environmental Physics  |
| **5.** | **Program Title** | Bachelor of Land, Water and Environment  |
| **6.** | **Program Code** | 04 |
| **7.** | **School/ Center** | Agriculture |
| **8.** | **Department** | Land, Water and Environment |
| **9.** | **Course Level**  | Year four |
| **10.** | **Year of Study and Semester (s)** | Summer 2021-2022 |
| **11.** | **Other Department(s) Involved in Teaching the Course** | Geology  |
| **12.** | **Main Learning Language** | - |
| **13.** | **Learning Types** | 🗹Face to face learning ☐Blended ☐Fully online |
| **14.** | **Online Platforms(s)** | ☐Moodle ☐Microsoft Teams |
| **15.** | **Issuing Date** | 1/2/2023 |
| **16.** | **Revision Date** | 1/2/2024 |

**17. Course Coordinator:**

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| --- |
| Name: Dr Fayha Al-Shibli Contact hours:-Office number: 61 Phone number: 22445Email: f.shibli@ju.edu.jo  |

**18. Other Instructors:**

|  |
| --- |
| Name: Office number:Phone number:Email:Contact hours:Name: Office number:Phone number:Email:Contact hours: |

**19. Course Description:**

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| --- |
| As stated in the approved study plan.Introduction to the Environmental Impact Assessment (EIA), Jordanian regulation for EIA, introduction to the concepts, methodologies, valued environmental components and various stages of the EIA process which include: screening, scoping, baseline conditions, evaluation and impact assessment, impact management, Environmental Management Plan (EMP) and environmental monitoring program, EIA and EMP reporting, public consultation, reviewing, Environmental Auditing (EA), appeal rights and decision making. |

**20. Program Intended Learning Outcomes:** (To be used in designing the matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program)

1. Preparing and training specialized staff to participate in   the labour market of  land, water, and environment sectors
2. Conducting basic and applied scientific research, which are among the priorities of scientific research, of the agriculture and environment sectors in Jordan.
3. Serving the community through by providing advice, participating in the committees, and conducting studies and laboratory analysis of water, soil and environment.

**21. Course Intended Learning Outcomes:** (Upon completion of the course, the student will be able to achieve the following intended learning outcomes)

|  |  |
| --- | --- |
| Course ILOs | The learning levels to be achieved |
| Remembering | Understanding | Applying | Analysing | evaluating | Creating |
|  | **🗹** | **🗹** | **🗹** |  |  |  |
|  |  | **🗹** | **🗹** |  |  |  |
|  |  | **🗹** | **🗹** | **🗹** |  |  |
|  |  | **🗹** | **🗹** | **🗹** |  |  |
|  |  | **🗹** | **🗹** | **🗹** |  |  |
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**22. The matrix linking the intended learning outcomes of the course with the intended learning outcomes of the program:**

**23. Topic Outline and Schedule:**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Week** | **Lecture** | **Topic** | **ILO/s Linked to the Topic** | **Learning Types****(Face to Face/ Blended/ Fully Online)** | **Platform Used** | **Synchronous / Asynchronous Lecturing** | **Evaluation Methods** | **Learning Resources** |
| 1 | 1.1 | **Course Introduction + EIA Definition** |  |   |  |  |   |   |
| 1.2 |  |   |  |  |   |   |
| 1.3 |  |   |  |  |   |   |
| 2 | 2.1 | **EIA Guiding Principles + Historical Legal Background** |  |   |  |  |   |   |
| 2.2 |  |   |  |  |   |   |
| 2.3 |  |   |  |  |   |   |
| 3 | 3.1 | **EIA legislation in Jordan****Teams Task 1** |  |   |  |  |   |   |
| 3.2 |  |   |  |  |   |   |
| 3.3 |  |   |  |  |   |   |
| 4 | 4.1 | **EIA process stages overview + project description** |  |   |  |  |   |   |
| 4.2 |  |   |  |  |   |   |
| 4.3 |  |   |  |  |   |   |
| 5 | 5.1 | **Screening + Scoping + Terms of Reference (TOR)****Teams Task 2** |  |   |  |  |   |   |
| 5.2 |  |   |  |  |   |   |
| 5.3 |  |   |  |  |   |   |
| 6 | 6.1 | **Existing Conditions and Baseline** |  |   |  |  |   |   |
| 6.2 |  |   |  |  |   |   |
| 6.3 |  |   |  |  |   |   |
| 7 | 7.1 | **Impact Assessment** |  |   |  |  |   |   |
| 7.2 |  |   |  |  |   |   |
| 7.3 |  |   |  |  |   |   |
| 8 | 8.1 | **Impact Assessment** |  |   |  |  |   |   |
| 8.2 |  |   |  |  |   |   |
| 8.3 |  |   |  |  |   |   |
| 9 | 9.1 | **Impact Assessment** |  |   |  |  |   |   |
| 9.2 |  |   |  |  |   |   |
| 9.3 |  |   |  |  |   |   |
| 10 | 10.1 | **Impact Mitigation and Management** |  |   |  |  |   |   |
| 10.2 |  |   |  |  |   |   |
| 10.3 |  |   |  |  |   |  |
| 11 | 11.1 | **Environmental Management Plans + Examples** |  |   |  |  |   |   |
| 11.2 |  |   |  |  |   |   |
| 11.3 |  |   |  |  |   |   |
| 12 | 12.1 | **EIA Reporting and Review + Decision-making** |  |   |  |  |   |   |
| 12.2 |  |   |  |  |   |   |
| 12.3 |  |   |  |  |   |   |
| 13 | 13.1 | **Other kinds of environmental studies (Environmental Audit, Strategic Environmental Assessment)** |  |   |  |  |   |   |
| 13.2 |  |   |  |  |   |   |
| 13.3 |  |   |  |  |   |   |
| 14 | 14.1 | **Stakeholder Consultation and Public Involvement in EIA** |  |  |  |  |  |  |
| 14.2 |  |  |  |  |  |  |
| 14.3 |  |  |  |  |  |  |

**24. Evaluation Methods:**

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Evaluation Activity** | **Mark** | **Topic(s)** | **ILO/s Linked to the Evaluation activity** | **Period (Week)** | **Platform** |
| Teams Task 1 – Project Description Presentation (10%): send it via email before presentation   |  10 |   |  |  Week 3 |   |
|  Teams Task 2 – Scoping Exercise (10%): on-campus team work |  10 |   |  |  Week 5 |   |
| Midterm exam (30%): on-campus exam  | 30 |  |  | Week 7-8 |  |
|  Final exam (50%): on-campus exam |  50 |   |  |  Week 15 |   |

**25. Course Requirements:**

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| (e.g.: students should have a computer, internet connection, webcam, account on a specific software/platform…etc.): computer, internet connection, account on a specific software/platform for project presentation, printing and ink for posters |

**26. Course Policies:**

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| **A- Attendance policies:** Attendance List on Microsoft teams **(**Laws, regulations and instructions of the University of Jordan)**B- Absences from exams and submitting assignments on time:** Laws, regulations and instructions of the University of Jordan**C- Health and safety procedures:** According to global health guidelines and instructions **)**Laws, regulations and instructions of the University of Jordan(**D- Honesty policy regarding cheating, plagiarism, misbehavior:** Laws, regulations and instructions of the University of Jordan**E- Grading policy:** Laws, regulations and instructions of the University of Jordan**F- Available university services that support achievement in the course:** in library and book shop |

**27. References:**

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| A- Required book(s), assigned reading and audio-visuals:B- Recommended books, materials, and media:*Textbook:* John Glasson, Riki Therivel and Andrew Chadwick, *Introduction to Environmental Impact Assessment*Third edition, 2005Fourth edition, 2012 |

**28. Additional information:**

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| Name of the Instructor or the Course Coordinator:…………Dr Fayha Al-Shibli…………… | Signature: …… …… | Date: ……..………… |
| Name of the Head of Quality Assurance Committee/ Department…………………………………………………. | Signature: …………...……………… | Date: ……..………… |
| Name of the Head of Department…………………………………………………. | Signature: …………...……………… | Date: ……..………… |
| Name of the Head of Quality Assurance Committee/ School or Center…………………………………………………. | Signature: …………...……………… | Date: ……..………… |
| Name of the Dean or the Director…………………………………………………. | Signature: …………...……………… | Date: ……..………… |