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| **1** | **Course title** | **Management of natural heritage**  |
| **2** | **Course number** | 2602212 |
| **3** | **Credit hours (theory, practical)** | 3 (theoretical) |
| **Contact hours (theory, practical)** | 3 (theoretical) |
| **4** | **Prerequisites/corequisites** | Not applicable |
| **5** | **Program title** | Bachelor’s degree in Cultural Resources management and Conservation |
| **6** | **Program code** | 02 |
| **7** | **Awarding institution**  | The University of Jordan |
| **8** | **School** | Archaeology and Tourism |
| **9** | **Department** | Cultural Resources management and Conservation |
| **10** | **Level of course**  | 2nd year |
| **11** | **Year of study and semester (s)** | Every year/ second semester |
| **12** | **Final Qualification** | Bachelor’s degree |
| **13** | **Other department (s) involved in teaching the course** | Not applicable |
| **14** | **Language of Instruction** | Arabic, with systematic use of related English terminology |
| **15** | **Date of production/revision** | 2015 |

**16. Course Coordinator:**

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| Course Coordinator: **Dr. Fuad Hourani**Office number: **/**Office hours: Sunday Tuesday & Thursday: **13-14**; Monday & Wednesday: **12:30-14**Phone number: **25046**Email address: **f.hourani@ju.edu.jo** |

**17. Other instructors:**

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| Not applicable |

**18. Course Description:**

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| This course introduces the concept, definitions and values of Natural Heritage and provides frameworks for understanding nature and its functioning and how to protect and manage its resources. A broad but comprehensive overview on the fundamentals of biodiversity as well as of terrestrial, marine and fresh water ecosystems will be given. Particular emphasis will be placed on the ecology and management of natural places and wildlife in Jordan. |

**19. Course aims and outcomes:**

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| A- Aims:1. To introduce the notion, values and definitions of natural heritage.
2. To develop the students’ understanding of the nature and it’s functioning.
3. To develop the students’ perception of the concept of sustainable environment and sustainable development.
4. To provide information on the major threats to natural heritage.
5. To provide the necessary skills on how to manage and promote the protection of natural places.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to  |
| 1. Demonstrate a solid understanding of the concept, notion and values of natural heritage
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| 1. Use the wright terminology related to nature and natural places.
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| 1. Demonstrate a solid understanding of the biodiversity and its values.
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| 1. Describe and explicate the different protected areas (natural reserves) in Jordan
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| 1. Identify the various threats on natural heritage and appreciate the necessary conditions for its conservation.
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| 1. Apply the international standards in the conservation and management of natural heritage.
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**20. Topic Outline and Schedule:**

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| Topic | Week | Instructor | Achieved ILOs | Evaluation Methods | Reference |
| General framework: Concepts, definitions and basic principles of natural heritage | 1 | Dr.Fuad Hourani | Correspond to the above-mentioned ILOs 1&2 | Written exams & individual or group presentations | See section 25 |
| Categories, features and areas of natural heritage. | 2-4 |
| Natural heritage terminology | 5 |
| Biodiversity and the ecosystems. | 6+7 | Correspond to ILOs 3 |
| Natural Places (reserves) in Jordan. | 8+9 | Correspond to ILOs 4 |
| National and international Institutions and regulations in natural heritage. | 10+11 | Correspond to ILOs 5&6 |
| Planning natural heritage management. | 12-14 |

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**21. Teaching Methods and Assignments:**

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| Development of ILOs is promoted through the following teaching and learning methods:1. Lectures
2. Practical examples on PowerPoint presentations
3. Group discussions
4. Field trip(s)
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**22. Evaluation Methods and Course Requirements:**

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| Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:* Written exams
* Presentations given by students
* Discussions
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**23. Course Policies:**

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| A- Attendance policies: As per University rules.B- Absences from exams and handing in assignments on time: As per University rules.C- Health and safety procedures: As per University rules.D- Honesty policy regarding cheating, plagiarism, misbehaviour: As per University rules.* E- Grading policy: Midterm Exam: 30%
* Individual/Group presentations: 20%
* Participation in class discussions: 10%
* Final exam: 40%

F- Available university services that support achievement in the course: * JU Library
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**24. Required equipment: (** Facilities, Tools, Labs, Training….)

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| Not applicable |

**25. References:**

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| Required book (s), assigned reading and audio-visuals:Recommended books, materials, and media:* 1. Thomas, L. and Middleton, J., 2003: Guidelines for Management Planning of Protected Areas. Best practice protected area guidelines Series No 10. IUCN, Glant, Switzerland and Cambridge, UK.
	2. Ontario Ministry of Natural Resources. March 2010. Natural Heritage Reference Manual for Natural Heritage Policies of the Provincial Policy Statement, 2005. Second Edition. Toronto: Queen’s Printer for Ontario. 248 pp. http://www.mnr.gov.on.ca/en/Business/LUEPS/Publication/249081.html
	3. Verner, J.M. Morrison, and C.J. Ralph (eds.). 1986. Wildlife 2000: Modeling Habitat Relationships of Terrestrial Vertebrates. University of Wisconsin Press.
	4. Gilberto Artioli. 2010 : Scientific methods and Cultural Heritage. Oxford University Press
	5. Other references (in French and English) available upon request.
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**26. Additional information:**

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Name of Course Coordinator: Dr. Fuad Hourani ---------Signature: ------------------ Date: 18/2/2019

Head of curriculum committee/Department: ----------------------------- Signature: ---------------------------

Head of Department: ------------------------------------------------------------ Signature: -----------------------

Head of curriculum committee/Faculty: ----------------------------------------- Signature: --------------------

Dean: --------------------------------------------------------- -Signature: -------------------------------------------