



Academic Course Specification Form

استمارة توصيف المقرر الأكاديمي

القسم الخاص بالطالب Section Concerning the Student

1. Course Code:	BIOLS 441	1. رمز المقرر:
2. Course Title	Environmental Impact Assessment	2. اسم المقرر:
3. College:	Science	3. الكلية:
4. Department:	Biology	4. القسم:
5. Academic Program:	Bachelor of Science in Biology	5. البرنامج الأكاديمي:
6. Course Credits:	2-2-3	6. عدد الساعات المعتمدة:
7. Course NQF Level:	8	7. مستوى المقرر وفقاً للإطار الوطني للمؤهلات:
8. Notional Hours:	139	8. عدد الساعات الافتراضية:
9. NQF Credits:	14	9. عدد الساعات المعتمدة للمقرر وفقاً للإطار الوطني للمؤهلات:
10. Prerequisite:	BIOLS 340	10. المتطلب السابق للمقرر:
11. Lectures Timing & Location:		11. وقت المحاضرة ومكانها:
12. General Mode of Teaching and Learning	تقليدي Traditional	12. النمط العام للتعليم والتعلم:

13. Course Coordinator:		13. منسق المقرر:
14. Course Instructor:		14. مدرّس المقرر:
15. Office Hours and Location:		15. الساعات المكتبية ومكانها:
16. Instructor's Email:		16. البريد الإلكتروني لمدرّس المقرر:
17. Academic Year:		17. السنة الأكاديمية:
18. Semester:		18. الفصل الدراسي:
19. Textbook(s):	19. الكتب الدراسية للمقرر:	
Morrison-Saunders, A. (2023). Advanced Introduction to Environmental Impact Assessment. 2 nd Edition. Edward Elgar Publishing.		
20. References:	20. المراجع:	
Noble, B. (2015). Introduction to environmental impact assessment: a guide to principles and practice, 3rd edition. Oxford University Press. Naser, H. (2012). Evaluation of the environmental impact assessment system in Bahrain. Journal of Environmental Protection.3 (2): 233-239. Naser, H., Bythell, J., Thomason, J. (2008). Ecological assessment: an initial evaluation of ecological input in environmental impact assessment reports in Bahrain. Impact Assessment and Project Appraisal, 26 (3): 201-208.		
21. Other Learning Resources Used (e.g. e-learning, field visits, periodicals, software, etc.):	21. مصادر التعلّم الأخرى (مثال: التعلّم الإلكتروني، زيارات ميدانية، دوريات، برمجيات، إلخ....)	
A visit to the environmental consulting firm 'Environment Arabia' will be organized. The aim of this visit is to gain an actual experience on the practices of Environmental consultancy in Bahrain.		
22. Course Description (as published in the College Catalogue):	22. توصيف المقرر (حسب ما ورد في دليل الكلية):	
Key principles of Environmental Impact Assessment (EIA) process; including objectives, legislative contexts, screening, scoping, impact prediction and evaluation, mitigation, monitoring, effectiveness, and strategic environmental assessment.		
23. Course Intended Learning Outcomes (3 to 5 CILOs):	23. مخرجات التعلّم للمقرر (CILOs) (3 إلى 5 مخرجات تعليمية):	
1. Distinguish key principles and concepts of the EIA process.		
2. Critically analyze the role of EIA in relation to the planning and decision-making process.		
3. Evaluate EIA trends and practices from an international perspective.		
4. Perform screening and scoping processes of a proposed project.		

5. Evaluate existing EIA reports based on selected international criteria.			
24. Course Assessment Percentages (as per Regulations of Study and Examination at the University of Bahrain):		24. أساليب التقييم ونسبها المئوية (بحسب نظام الدراسة والامتحانات في جامعة البحرين):	
Assessment التقييم	Type النوع	Percentage النسبة	Assessment Date تاريخ التقييم
Test 1	Individual فردى	20%	
Test 2	Individual فردى	20%	
Two projects	Individual فردى	20%	
Final Exam	Individual فردى	40%	.
Total	100%		
25. Description of Topics Covered		25. وصف الموضوعات التي ينبغي تناولها:	
Topic Title (e.g. chapter/experiment title) الموضوع		Description التفصيل	
Aims and objectives of environmental impact assessment		Defining environmental impact assessment, international status of EIA, Benefits and challenges of EIA.	
Nature and classification of environmental effects		Environmental change and effects, Classification of effects and impacts.	
Methods supporting EIA practice		Methods for impact identification and classification, Methods selection.	
Screening procedures		Screening approaches, Screening requirements, Guidelines for screening.	
Scoping and environmental baseline		EIA scoping, Scoping types and functions, Scoping requirements, Scoping continuation.	
Predicting environmental impacts		Impact prediction, Requirements for impact prediction, Tools for impact prediction, Prediction impacts on bio-physical environment.	
Determining impact significance		Determining impact significance, Approaches to significance determination	

Public participation		Involving the public in EIA, Nature and scope of public involvement, Methods and techniques of public participation, Meaningful participation.		
Cumulative environmental effects		The concept of cumulative effects, Cumulative effects assessment		
Strategic environmental assessment		The basis of strategic environmental assessment, Systems of SEA, SEA frameworks, Challenges of SEA		
26. Weekly Schedule		26. الجدول الأسبوعي		
Week الأسبوع	Date التاريخ	Topics Covered الموضوعات المتناولة	CILOs مخرجات التعلم للمقرر (CILOs)	Teaching/Assessment Mode and Method منهجية ونمط التدريس/التقييم
1		Aims and objectives of environmental impact assessment	1	Traditional تقليدي
2		Nature and classification of environmental effects	1	Traditional تقليدي
3		Methods supporting EIA practice	2	Traditional تقليدي
4		Screening procedures	2	Traditional تقليدي
5		Screening procedures	2	Traditional تقليدي
6		Scoping and environmental baseline	1, 2	Traditional تقليدي
7		Scoping and environmental baseline	2, 3	Traditional تقليدي
8		Predicting environmental impacts	2, 3	Traditional تقليدي
9		Predicting environmental impacts	2, 3	Traditional تقليدي
10		Determining impact significance	2, 4	Traditional تقليدي
11		Determining impact significance	2, 4	Traditional تقليدي
12		Public participation	3, 5	Traditional تقليدي
13		Public participation	3, 5	Traditional تقليدي

14		Cumulative environmental effects	3, 5	تقليدي Traditional
15		Strategic environmental assessment	3, 5	تقليدي Traditional
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27. Academic Integrity Statement			27. بيان النزاهة الأكاديمية	
<p>Students are to observe the highest level of honesty and academic ethics in pursuit of their academic goals as per UOB Regulations of Student Conduct and Academic Integrity, Anti-plagiarism Policies, and Students' Rights and Responsibilities Handbook. The consequences for cheating, plagiarism, unauthorized collaboration, and other forms of academic dishonesty can be very serious and will be dealt with as per the aforementioned policies and regulations.</p>			<p>يتعين على الطلبة الالتزام بأعلى مستويات الصدق والأمانة والأخلاق الأكاديمية في سعيهم لتحقيق أهدافهم الأكاديمية وفقاً للوائح سلوك الطلاب والنزاهة الأكاديمية، سياسات مكافحة الانتحال، ودليل حقوق الطلبة واجباتهم، المعمول بها في جامعة البحرين. يمكن لعواقب الغش والسرقة الأدبية والتعاون غير المصرح به وغيرها من أشكال عدم الأمانة الأكاديمية أن تكون خطيرة للغاية وسيتم التعامل معها وفقاً للسياسات واللوائح المذكورة آنفاً.</p>	
28. Attendance and Absence Regulations			28. نظام الحضور والغياب	
<p>Students are required to adhere to regular attendance for class lectures and practical sessions, as determined by the nature of the course, as per Article (33) of Regulations of Study and Examination at the University of Bahrain.</p>			<p>يجب على الطلبة الالتزام بالحضور المنتظم للمحاضرات الصفية والعملية، حسبما تحدده طبيعة المقرر الدراسي، ووفقاً للمادة (33) من نظام الدراسة والامتحانات في جامعة البحرين.</p>	