

Course Syllabus

020IMPGS4 Environmental Impact Assessment

1. **Course number and name:** 020IMPGS4 Environmental Impact Assessment
2. **Credits and contact hours:** 2 Cr; 17.5 Hours
3. **Instructor's or course coordinator's name:** Manal MOUSSALLEM
4. **Textbook and other supplemental material:**
 - a. Course notes (based on international and national references in the field such as the United Nations Environment Programme; World Bank; Lebanese legislation; ...)
 - b. Selected readings, as annex to the Course notes: State & Trends of the Lebanese Environment (2010); Lebanon's Report to the United Nations Conference on Sustainable Development (2012) – RIO+20; Lebanon – Environmental Assessment of the Syrian Conflict and Priority Interventions (2014); Environmental Impact Assessment & Strategic Environmental Assessment decrees (2012)

5. **Specific course information**

- a. **Catalog description:** General introduction; Overview of the EIA process; Policy, legal and administrative framework; Public participation; Screening; Scoping; Environmental baseline; Impact assessment (identification, analysis and evaluation); Mitigation – Environmental management plans; Social assessment; Economic valuation of environmental impacts; Reporting; Reviewing; Decision-Making; Monitoring; EIA Challenges; General conclusion; Course evaluation.
- b. **Prerequisites:** 4th year (or S3) academic standing.
- c. **Required/Elective/Selected Elective:** Required major course for Water and Environment Specialty students.

6. **Specific goals for the course**

- a. **Specific outcomes of instruction:**
 - The student will be introduced to the EIA principle and its application in Lebanon
 - The student will become familiar with the EIA process and its challenges
 - The student will be exposed to national EIA case studies

b. **KPIs addressed by the course:**

KPI	a2	d1	e1	f1	g1	g2	h1
Covered	x	x	x	x	x	x	x
Assessed							
Give Feedback							

7. **Brief list of topics to be covered and approximate number of lectures:**

- General introduction; Overview of the EIA process (2.5 hours)
- Policy, legal and administrative framework; Introduction to course project (2.5 hours)
- Public participation; Screening; Scoping (2.5 hours)
- Environmental baseline; Impact assessment (2.5 hours)
- Mitigation – Environmental management plans; Social assessment; Economic valuation of environmental impacts (2.5 hours)
- Reporting; Reviewing; Decision-Making; Monitoring (2.5 hours)

- EIA Challenges; General conclusion; Course evaluation; Presentation of projects (2.5 hours)