

Solid Waste Management

1. **Course number and name:** 020DESGS5 Solid Waste Management
2. **Credits and contact hours:** 2 ECTS credits, 1x1.25 hours
3. **Name(s) of instructor(s) or course coordinator(s):** Naji ABOU ASSALY
4. **Instructional Materials:**
 - a. Course handouts prepared by instructor and distributed to students
5. **Specific course information**
 - a. **Catalog description:** A course dealing with municipal solid waste problems and treatment methods.
 - b. **Prerequisites or co-requisites:** None
 - c. **Required:** Required major course for Water and Environment Specialty students
6. **Educational objectives for the course**
 - a. **Specific outcomes of instruction:**

Proper knowledge of the solid waste management sector, which has become an essential sector both in Lebanon and worldwide.
 - b. **PI addressed by the course:**

PI	1.1	1.2	1.3	2.1	2.2	2.3
Covered	yes	yes	yes	yes	yes	yes
Assessed						

7. **Brief list of topics to be covered:**
 - Description of household waste, and waste collection
 - Sorting and composting
 - Sanitary landfills
 - Introduction to anaerobic digestion and incineration