



**Course Name:**

Solid Waste Management

<b>Course Number:</b> 20-668	<b>Credit:</b> 3
<b>Program:</b> Graduate	<b>Course Type:</b> General Selective
<b>Prerequisite:</b> -	<b>Corequisite:</b> -

**Course Description (Objectives):**

This course aims to teach comprehensive municipal solid waste management, including waste characterization, recycling, disposal methods, and sustainable practices.

**Course Content (outline):**

- Chapter 1: Introduction
- Chapter 2: Quality of the wastes
- Chapter 3: Separation, conversion, and recycling
- Chapter 4: Landfilling
- Chapter 5: Comprehensive management
- Chapter 6: Special wastes

**References:**

- Integrated Solid Waste Management Engineering Principles and Management Issues, Tchobanoglous et al., McGraw-Hill Book Co., 1993.
- <http://ewrc.sharif.edu/course/MSW>