



**MARMARA UNIVERSITY  
FACULTY OF ENGINEERING  
ENVIRONMENTAL ENGINEERING DEPARTMENT**

**ENVE 497/498 ENGINEERING PROJECT  
PROPOSAL FORM  
FALL 2017**

**Instructor :** Neslihan Semerci

**Project Title :** Investigation of the Phosphorus Release from Waste Activated Sludge

**Proposal No. :** NSemerci-2

**Number of Students :**3

**Requirements (from students) :** Students should spend a minimum of 8 hours in the lab each week. Students will be required to conduct experiments and discuss the results regularly.

**Scope of the Project :**

Different alternatives will be investigated to release phosphorus from waste activated sludge.

**Hardware/Software/Lab/Equipment Requirements :**

pH meter, crystallization reactor, Air Pump, Air Diffuser, Stirrer

**Development Plan :**