



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

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

Instructor : Neslihan Semerci

Project Title : Nutrient recovery from anaerobic digester effluents through struvite formation

Proposal No. : NSemerci-1

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 :

Production of struvite from anaerobic digester effluents and recover ammonium and phosphorus.

Hardware/Software/Lab/Equipment Requirements :

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

Development Plan :