

# Master of Science in Environmental Engineering (MSEV)

## Total Minimum Hours: 30

These degrees are for students doing a Master's thesis. The program consists of a minimum of 24 credit hours of coursework and 6 credit hours of thesis. Two credits of thesis must be taken the semester of graduation. Students without an engineering BS are required to complete undergraduate engineering pre-requisite course.

## Core Courses -12 hours minimum

- ENV 6002 Physical & Chemical Principles (3)
- CGN 6933 Biological Principles (3)
- ENV 6666 Aquatic Chemistry (3)
- ENV 6617 Green Engineering for Sustainability (3) *or* CGN 6933 Resilient Infrastructure for Sustainable Communities (3) *or* ENV 6510 Sustainable Development Engineering (3)

## Elective Courses (12 additional credits required based on approval of graduate committee)

## Thesis Requirement (6 hours)

Students work with a Major Professor and thesis committee to map out their graduate program and thesis requirements.

**Master's thesis Committees** consist of one of the following: 1) a major professor in the department and at least two other members of the department or area of interest or 2) co-major professors and at least one other member of the department or area of interest.

# MASTER OF SCIENCE IN ENVIRONMENTAL ENGINEERING (MSEV)

*Curriculum Program of Study Form (updated 08/17)*

<b>Name:</b>		<b>Term/Year Admitted into Program:</b>	
<b>USF ID #</b>			
<b>Address:</b>			
<b>Phone:</b>			
<b>Email:</b>			
<b>Advisor:</b>			

**30 Total Credits of Coursework:**

Course Title	Number	Credits	Semester	Outside CEE?	Grade
<b>Required Core Courses:</b>					
Physical & Chemical Principles in Environmental Engineering	ENV 6002	3			
Biological Principles of Environmental Engineering	EES 6107	3			
Aquatic Chemistry	ENV 6666	3			
<b>At least one of the following:</b>					
Green Engineering for Sustainability	ENV 6617	3			
Resilient Infrastructure for Sustainable Communities	CGN 6933	3			
Sustainable Development Engineering	ENV 6510	3			
<b>Additional 12 Credits Based on Approval from Thesis Committee:</b>					
<b>Thesis:</b>					
Thesis: Masters	CGN 6971				
<b>Total Credits Outside CEE</b>					
<b>Total Credits Independent Study</b>					
<b>Total Credits (30 required)</b>					

- ≤ 9 credits outside CEE
- ≤ 6 credits Independent Study
- 6 credits of Thesis

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Advisor: Print or Type Name, Signature, and Date

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Graduate Program Coordinator: Signature and Date

