

Concentration in Intelligent Systems Engineering: WORKSHEET

STEP 1: Identify Specialization Area of CEE:

Select your area of disciplinary specialization.

- Structures Materials Hydraulics Geotechnical
 Construction Environmental Transportation

STEP 2: Core Systems Courses:

Please select courses taken or to be taken (select 3).

Core Course	Term Taken	CEE Credits	Non-CEE Credits*
CEE572 Dynamic Infrastructure Systems			
CEE575 Sensing for Civil Infrastructure			
CEE571 Linear System Theory			
CEE501: Infrastructure Systems Optimization (or IOE510)			
TOTAL			

STEP 3: Core Plus System Courses:

Please select courses taken or to be taken (select 2).

Core Course	Term Taken	CEE Credits	Non-CEE Credits*
CEE574: Materials Selection for Sustainable Design			
CEE576: Stochastic Systems			
CEE573: Data Analysis in Civil and Env. Engineering			
EECS460: Control Systems Analysis and Design			
CEE501: Transportation Course (To Be Introduced in 2015)			
TOTAL			

STEP 3: Other Courses:

Please identify other courses taken. Directed studies, seminar or independent research credits are not acceptable to satisfy course requirements.

Non-core Course	400-Level (Yes/No)	Term Taken	CEE Credits	Non-CEE Credits*
TOTAL				

STEP 4: Research Project:

Please provide details on your research project.

Research Project Title	Term Taken	CEE Credits	Non-CEE Credits*
CEE679 (Title: _____)			
TOTAL			

STEP 5: Cognate Requirements:

Check to ensure you met the math and cognate requirements:

Cognate Course	Math Course

STEP 6: Program Requirements:

Check to ensure all other program requirements have been met.

Requirement	Credits	Limit
Total Number of Credits Taken		≥ 30
Number of CEE Credits Taken		≥ 18
Total Number of 400-Level Credits		≤ 12
Total Number of 400-Level Credits in CEE		≤ 9