

Environmental Engineering Program Public Health EFA

Civil and Environmental Engineering *Updated April 2020*

Description

The Public Health EFA is designed for students who wish to understand the linkages between environmental conditions and public health at local and global scales. This EFA satisfies the requirements for the undergraduate Certificate in Public Health. Students must enroll and complete the certificate as part of this EFA.

CEE Design Electives (6 sh)

The Environmental Program requires two CEE Design Electives. For the *EnvE Environmental EFA*, the following CEE Design Electives are required:

- ✓ CEE:4157 Environmental Engineering Design
- ✓ CEE:4374 Water Resources Design

EFA Electives (21 sh)

The following course is required for this EFA. It does not count as an EFA Elective, but may be used to satisfy the General Education Component (GEC) requirements:

- ✓ CHP:1400 Fundamentals of Public Health

For the *Public Health EFA*, the following EFA Electives are required:

- ✓ BIOL:1411 Foundations of Biology
- ✓ CEE:4102 Groundwater
- ✓ CPH:1600 Public Health Science

You must choose three of the following Public Health courses as EFA Electives:

- CPH:1800 Social and Psychological Determinants of Health
- CPH:2400 The US Health System in a Global Context
- CPH:3400 Health, Work and the Environment
- CPH:3500 Global Public Health

You must choose one additional Public Health course to satisfy the Certificate in Public Health requirements (see [Undergraduate Certificate in Public Health](#) page on the College of Public Health web site). Recommended courses that count as EFA Electives are:

- CPH:2200 Climageddon: A Crisis for Public Health
- CPH:2220 Building a Healthier Tomorrow: Public Health Methods to Minimize Disease and Pollutant Exposures
- CPH:4200 Agriculture, Food Systems & Sustain
- CPH:4220 Global Road Safety

EFA Submission

Fill out the attached PDF form electronically, and submit for approval by the CEE Curriculum Committee to:

<https://workflow.uiowa.edu/form/cee-and-environmental-efa-submission>

Keep a copy to bring to Academic Advising with your CEE Advisor.

Environmental Engineering Program EFA Form

Civil and Environmental Engineering: Environmental Engineering Program *Updated April 2020*

Student Name/Date: _____

Student ID #: _____

Expected Graduation Date: _____

Do you plan to take FE exam? _____

Indicate your chosen Elective Focus Area:

Environmental Engineering

Student Tailored

Public Health

Session	Year	Course #	CEE Design Electives	S.H.	Pre-Requisites
<i>The following two CEE Design Electives are required</i>					
Fall		CEE:4157	Environmental Engineering Design	3	CEE:3155
Fall		CEE:4374	Water Resources Design	3	CEE:3371

Session	Year	Course #	EFA Electives	S.H.	Pre-Requisites
<i>Two EFA Electives are required. Enter your Choice of Courses for the remaining Five EFA Electives</i>					
F/S		BIOL:1411	Foundations of Biology	3	CHEM:1110 (min C- grade)
Fall		CEE:4102	Groundwater	3	None

For the **Student Tailored EFA**, list courses that are required but do not count as EFA Electives. These courses may be used to satisfy the General Education Component (GEC) requirements.

Session	Year	Course #	Additional Required Courses	S.H.	Pre-Requisites
<i>Enter any additional required courses for this EFA</i>					

For the **Student Tailored EFA**, include a career statement to justify the elective focus area. Provide information on the requirements of the minor field or certificate program when the EFA form is submitted.

Career Objective(s) Statement: