

**Senate Committee A: UNDERGRADUATE CURRICULUM**

**Monthly Meeting, January 12, 2023, 4:15pm**

Committee A has recommended for approval a new minor degree in *Engineering solutions for climate adaptation & resilience*.

**OLD DOMINION UNIVERSITY**

PROGRAM FOR A NEW MINOR WITH THE DISCIPLINE OF RELIGION

[REDACTED]

[REDACTED]

[REDACTED]

**OR SIGNIFICANT CHANGES TO AN EXISTING MINOR**

[REDACTED]

[REDACTED]

[REDACTED]

7 Resources needed, including human resources, library resources, faculty resources, and

[REDACTED]

[REDACTED]

funding resources:

Two new courses will be included in the minor. One faculty from CEE and CET will be needed to teach the new courses. 2 lead hours. The minor will be implemented

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Date

## ADMINISTRATIVE CODING

Effective Term

Major Code

College

Degree Code

Department





2 - After satisfying 6 cr hrs of R&A minor required courses, student to receive a R&A minor degree. For CEE students only, if CEE student ~~hrs of their electives~~ courses will be double-counted toward one's CEE curriculum credit

3 - For CEE students only, if a CEE student is double minoring in EE, can be applied to per minor and cannot be repeated to both. For toward R&A minor but such double-count cannot be repeated to and apply 3 cr hrs double-count toward R&A minor and apply the

minor credit sharing agreement.

Civil engineering majors completing the minor are limited to a maximum of 6 credits of CEE coursework.

Civil engineering technology majors completing the minor are limited to a maximum of 6 credits of CEE coursework.



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st up to 6 cr.  
perceived by  
AA

can be  
double  
counted

6 cr hrs  
into 3  
credits  
each

## Catalog Class Description

7

pollution. Review of the pollution prevention. Study of source reduction methods, and conscious manufacturing methods, process analysis, and water/energy conservation pollution prevention case studies.

Storm rainfall analysis, design rainfall calculation procedures, detention basins models to analyze and design urban storm systems.

Description of well hydraulics in single and Determination of aquifer parameters from of computer models to determine drawdown

well

of regional, national and international environmental sustainable development. Discussion of industrial activity and ecological concern zero emissions, pollution prevention and environment.

Classical small amplitude wave theory, shallow water, shoaling, refraction, diffraction breaking. Wave induced near shore current transport processes. Alternatives to mitigation processes. Introduction to coastal structure

flooding in

our neighborhood

economy

sea level

systems,

sea level



Hydrologic and operation and c addresses fundâ surface water ir transpiration, r erosion, and sec distribution, use resource.

Hydrologic and l operation and c elements of sto open channel ar pertinent to sta Preservation Ac

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