

COLLEGE OF AGRICULTURE AND LIFE  
SCIENCES CHECKSHEET for a MINOR in  
ENVIRONMENTAL SCIENCE

APPROVED  
University Registrar

Offered by the Department of Crop and Soil Environmental Sciences  
Effective for Students Graduating 2018

REQUIRED COURSES (complete the following 6 or 7 credits)			Credits
CSES/ENSC OR CSES/ENSC ENSC	3114 & 3124 3134 3604	Soils & Soils Lab (F) Soils in the Landscape (S) Fundamentals of Environ.Science(F)	3__1__ 3__ 3__

**RESTRICTED ELECTIVES** (minimum: 11 credits, 6 or more from courses beginning with CSES)

BSE	3324	Small Watershed Hydrology (F)	3__
BSE	3334	NPS Assessment and Control (S)	3__
BIOL	2804	Principles of Ecology(B)	3__
CEE	3104	Intro. to Environmental Engineering	3__
BIOL	4004	Freshwater Ecology(B)	4__
BIOL/ENT/CSES	4354	Aquatic Entomology(S)	4__
CSES/GEOG/GEOS	2444	Agronomic Crops(F)	3__
CSES/ENSC	3304	Geomorphology(S)	3__
CSES/ENSC	3634	Physics of Pollution(F)	3__
CSES	3644	Plants for Environmental Restoration(F)	3__
CSES/ENSC/CEE/BIOL	4134	Soil Genesis & Classification(S)	3__
CSES/ENSC	4164	Environmental Microbiology(S)	3__
CSES/ENSC	4314	Water Quality(S)	3__
CSES/ENSC/CHEM	4444	Managed Ecosystem Services(S)	3__
CSES/ENSC/CHEM	4734	Environmental Soil Chemistry(S)	3__
CSES/ENSC	4774	Rest.of Drastically Disturbed Lands(F)	3__
CSES/ENSC	4764	Bioremediation(F)	3__
CSES	4854	Wetland Soils and Mitigation(F)	3__
FOR	4644	Land-Based Systems for Waste Treatment	3__
FOR	4354	Forest Soil and Watershed Mgt.(F)	3__
FIW	4374	Forested Wetlands(F)	3__
FIW	4434	Wildlife Habitat Ecology and Mgt. (S)	3__

**OPTIONAL RESTRICTED ELECTIVES:** (maximum: 3 credits)

AAEC	3314	Environmental Law (S)	3__
UAP	3354	Intro. to Environ. Policy and Planning	3__
UAP	4374	Land Use & Environ. Policy and Planning	3__

**Minimum Credits for the Minor** **Total credits** 21  
**Minimum GPA requirement of 2.0 for courses taken towards the minor.**

**KEY:**

- (B) – class is offered both fall and spring semester
- (F) – class is offered only fall semester
- (S) – class is offered only spring semester
- (V) – class is offered variable times
- (W) – class is offered winter session