For Academic Affairs and					
Research Use Only					
Proposal Number					
CIP Code:					
Degree Code:					

## **PROGRAM MODIFICATION FORM**

Undergraduate Curriculum Co	ouncil							
[X] Graduate Council								
Modification Type: [ ]Admissions, [ ]Curricular Sequence, or [X]Other								
Signed paper copies of proposals subr name and enter date of approval.	mitted for conside	eration are no longer required. Please ty	pe approver					
Brook Fluker <b>Department Curriculum Committee Cha</b>	3/31/2023 iir	COPE Chair (if applicable)	ENTER DATE					
Fabricio Medina-Bolivar <b>Department Chair</b>	4/5/2023	Head of Unit (if applicable)	ENTER DATE					
John Hershberger College Curriculum Committee Chair	4/6/2023	Undergraduate Curriculum Council Chai	ENTER DATE					
Director of Assessment (only for changes assessment)	ENTER DATE impacting	Graduate Curriculum Committee Chair	ENTER DATE					
Jennifer L. Bouldin College Dean	4/6/2023	Len Frey	5/1/23					
General Education Committee Chair	Enter date (if applicable)							

**1. Contact Person** (Name, Email Address, Phone Number) Brook Fluker, bfluker@astate.edu, 972-3253

**2. Proposed Change** (for undergraduate curricular changes please provide an 8-semester plan (appendix A), if applicable) This proposed change adds 6 courses to the Core Courses of the Environmental Sciences PhD program. See the proposed additional courses highlighted in yellow below in the Bulletin Changes section.

#### 3. Effective Date

5/15/2023

**4. Justification –** *Please provide details as to why this change is necessary.* 

The addition of 6 courses as options for the Core Courses will provide students with a broader array of courses to choose from for their Core Curriculum.

### **Bulletin Changes**

#### **Instructions**

Please visit <a href="http://www.astate.edu/a/registrar/students/bulletins/index.dot">http://www.astate.edu/a/registrar/students/bulletins/index.dot</a> and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Please include a before (with changed areas highlighted) and after of all affected sections.

\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.

#### CORE COURSES:

Environmental Chemistry/ Soil and Water Science (select one of the following):

CHEM 5043 - Environmental Chemistry Sem. Hrs: 3

GEOG 5633 - Climatology Sem. Hrs: 3

PSSC 5713 - Soil Quality Assessment and Interpretation Sem. Hrs: 3

PSSC 5813 - Soil Fertility Sem. Hrs: 3

PSSC 5853 - Soil and Water Sem. Hrs: 3

AGST 5543 - Understanding Geographic Information Systems Sem. Hrs: 3

Environmental Policy, Law & Economics (select one of the following):

ECON 6353 - Environmental Economics Sem. Hrs: 3

POSC 5533 - Environmental Law and Administration Sem. Hrs: 3

POSC 6173 - Environmental Policy Processes Sem. Hrs: 3

SOC 6363 - Environmental Sociology Sem. Hrs: 3

AGEC 5083 - Agricultural Policy and Current Issues Sem. Hrs: 3

AGEC 5093 - Environmental and Resource Economics Sem. Hrs: 3

Interdisciplinary Environmental Studies (select one of the following):

AGRI 6243 - Environmental Sustainability Sem. Hrs: 3

BIO 5613 - Conservation Biology

BIO 6623 - Case Studies in Ecosystem Management Sem. Hrs: 3 AND

BIO 6621 - Laboratory for Case Studies in Ecosystem Management Sem. Hrs: 1

ESCI 6303 - Global Water Issues Sem. Hrs: 3

AGST 6543 - Geospatial Data and Models Sem. Hrs: 3

AGRI 6253 - Agroecosystems Analysis Sem. Hrs: 3

Sub-total: 9-10

# Appendix A, 8-Semester Plan (Referenced in #2 - Undergraduate Proposals Only)

Instructions: Please identify new courses in italics.

Arkansas State University-Jonesboro Degree: Major: Year:									
complete this pro-	g developmental course work bagram of study in eight (8) sementage level courses prior to enrol ducation courses may be intenfor this degree.	sters. Develo Ilment will be	pmental co	urses do not cou by their advisor	nt toward total degree hours. in making appropriate subs	Students having stitutions. In mo	st		
	Year 1			Year 1					
	Fall Semester		1	Spring Semester					
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed		
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Total flours	Year 2	I	-	Total Hours	Year 2		1		
	Fall Semester				Spring Semester				
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed		
			1						
Total Hours	<u> </u>			Total Hours					
	Year 3			Year 3					
Course No.	Fall Semester Course Name	Hrs	Gen Ed	Course No.	Spring Semester Course Name	Hrs	Gen Ed		
Course No.	Course Name	1113	1	Course No.	Course Name	1113			
Total Hours				Total Hours					
Year 4			Year 4						
Fall Semester			Spring Semester		T				
Course No.	Course Name	Hrs	Gen Ed	Course No.	Course Name	Hrs	Gen Ed		
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			+ +						
				+					
Total Hours				Total Hours					
Total Jr/Sr Hours Total Degree Hours									
Graduation R	equirements:								