

Somers Public Schools

Major Course Modification and New Course Proposal

Type of proposal: ☐ Major modification to existing course ☒ New Course

Proposed Course Title: ECE Environmental Science	Content Area: Science
This course is designed for: Freshman Sophomores Juniors Seniors Middle School	Length of Course: Full Year Semester Quarter Trimester
Prerequisites needed by students to take this course: Successful completion of two years of high school science (per UConn ECE Course Guidelines)	
What need(s) does this course address? How was the need identified and who was involved determining the need? In our efforts to increase enrollment in upper-level science classes, as well as our desire to increase dual enrollment options at SHS, ECE Environmental Science accomplishes both of these needs. These have been ongoing conversations with the science department at SHS as well as building administration and central office administration.	
Give a general overview of what this course will cover. This is from the UConn ECE Course Description: An introduction to basic concepts and areas of environmental concern and how these problems can be effectively addressed. Topics include human population; ecological principles; conservation of biological resources; biodiversity; croplands, rangelands, forestlands; soil and water conservation; pollution and water management; and wildlife and fisheries conservation.	
Who designed this course? This course was officially designed by UConn.	What, if any, special background/training would the teacher need to instruct this course successfully? The teacher would need to be approved by UConn ECE through an application process. Teacher requirements are: The minimum degree requirement for instructors wishing to teach Early College Experience Environmental Science courses is a Master's Degree in one of the environmental science fields (e.g. environmental biology, natural resources, chemistry, earth science, geography, economics) or Education and experience in education and study in environmental science.

What, if any, implications does this course have on staffing, other curricular areas and or space?

This does not have any implications for staffing. We may need to shift around elective course offerings, but we suspect that this course will be a sought-after course.

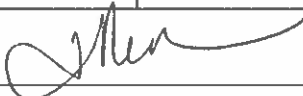
Resources Needed for this Course:

Please list the materials/resources needed along with an estimated cost including PD.

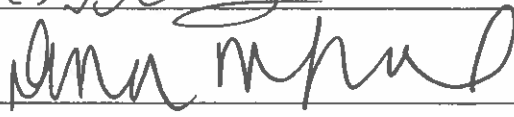
Materials/Resources	Cost
Andrew Friedland, Rick Relyea, and David Courard-Hauri. 2012. Essentials of Environmental Science. W. H. Freeman; First Edition	\$69.99 eBook \$70.00 paperback book

Signatures below indicate that the course proposal has been discussed and feedback has been elicited on the proposal prior to completion. Interdisciplinary proposals require the signatures of members of all involved in those content areas/departments.

Signature	Content Area	Date
	Science	10/6/25
Alexia Dorn	Science	10/6/25
Karen Less	Science	10/6/25
Mary Neely	Science	10/6/25
T. H. D.	6-12 STEM EL	10/6/25

Principal Signature:  Date: 10/6/25

Superintendent Signature:  Date: 10/8/25

Director of Curriculum Signature:  Date: 10/6/25