

Program of Study: Environmental Resources Engineering

Printed:

Advisor:

Anticipated Grad Date: May 2

Entered Fall 20 as a Freshman

ESF Cum GPA: 0.000

TRANSFER COLLEGE INFORMATION

	<u>Transfer College</u>	<u>Credit Transferred</u>
1	AP CREDIT	13
Total Advanced Standing Credits		13

LOWER DIVISION COURSE REQUIREMENTS

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>Transfer College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
<u>Freshman Year - Fall Semester</u>								
EFB101	General Bio I: Organismal Bio & Ecol	3	EFB101	3		FA		IP
EFB102	General Biology I Laboratory	1	EFB102	1		FA		IP
FCH150	General Chemistry Lec I	3	FCH150	3		FA		IP
FCH151	General Chemistry Lab I	1	FCH151	1		FA		IP
APM205	Calculus I: Science and Engineering	4	CALCAB1	4	1			
EWP190	Writing And The Environment	3	EWP190	3		FA		IP
ERE132	Intro to ERE Profession	1	ERE132	1		FA		IP
<u>Freshman Year - Spring Semester</u>								
FCH152	General Chemistry Lec II	3	_____	0				
FCH153	General Chemistry Lab II	1	_____	0				
PHY211	General Physics I	3	_____	0				
PHY221	General Physics Lab I	1	_____	0				
APM206	Calculus II: Science and Engineering	4	_____	0				
ERE133	Intro to Engineering Design	3	_____	0				
GENEDU	General Education Courses*	3	USHIS1	3	1			
<u>Sophomore Year - Fall Semester</u>								
PHY212	General Physics II	3	_____	0				
PHY222	General Physics Lab II	1	_____	0				
GNE271	Statics	3	_____	0				
APM307	Multivariable Calculus	4	_____	0				
ECOLOG	Ecology Elective (EFB 220 or EFB 320 or FOR 232 or FOR 321)	3	_____	0				
EARSCI	Earth Science Elective (FCH399 or FOR 338 or FOR345)	3	_____	0				

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<u>Sophomore Year - Spring Semester</u>								
GNE273	Mechanics Of Materials	3	_____	0				
ERE275	Ecological Engineering	3	_____	0				
APM485	Differential Equations for Engineers & Scientists	3	_____	0				
EWP290	Research Writing and Humanities	3	LITCOM1	3	1			
GENEDU	General Educational Elective*	3	USGOV	3	1			

Admission Officer: Fletcher, Thomas R Date: 7/18/20 This date indicates that all Admissions requirements have been satisfied.

UPPER DIVISION COURSE REQUIREMENTS

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>Transfer College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
<u>Junior Year - Fall Semester</u>								
ERE371	Surveying For Engineers	3	_____	0				
ERE335	Numerical and Computing Methods	3	_____	0				
ERE339	Fluid Mechanics	4	_____	0				
CIE337	Intro to Geotechnical Engineering	4	_____	0				
TECELE	Technical Elective	3	_____	0				

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<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>Transfer College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
<u>Junior Year - Spring Semester</u>								
ERE340	Engineering Hydrology & Hydraulics	4	_____	0				
ERE365	Principles of Remote Sensing	4	_____	0				
ERE430	Engineering Decision Analysis	3	_____	0				
ERE440	Water & Wastewater Treatment	3	_____	0				
ERE380	Energy Systems Engineering	3	_____	0				

<u>REQUIRED COURSES</u>			<u>EARNED COURSES</u>					
<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>Transfer College</u>	<u>Semester</u>	<u>Grade</u>	<u>Type</u>
<u>Senior Year - Fall Semester</u>								
ERE468	Solid & Hazardous Waste Engineering	3	_____	0				
APM395	Probability & Statistics for Engineering	3	_____	0				
ERE480	Fate & Transport of Contaminants	3	_____	0				
ENGELE	Engineering Electives (1)	6	_____	0				
ENGELE	Engineering Electives (1)		_____	0				

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<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>ID</u>	<u>Credits</u>	<u>Transfer College</u>	<u>Semester</u>	<u>ESF Grade</u>	<u>Type</u>
Senior Year - Fall Semester								
ERE488	Engineering Project Management	1		0				
Senior Year - Spring Semester								
ERE489	Environmental Resources Engineering Planning & Design	3		0				
TECELE	Technical Elective	3		0				
GENEDU	General Education Elective	3		0				
ENGELE	Engineering Elective	3		0				

SUMMARIES

<u>Lower Division Credit Hours</u>		<u>Upper Division Credit Hours</u>		<u>Grand Summary Credit Hours</u>	
Required:	66	Required:	62	Required:	128
Earned:	13	Earned:	0	Earned:	13
In Progress:	12	In Progress:	0	In Progress:	12
Deficient:	41	Deficient:	62	Deficient:	103

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General Educational Requirements

You must complete 9 credit hours in at least 3 of the 6 following categories.

<u>Area</u>	<u>ID</u>	<u>Name</u>	<u>Credits</u>	<u>Transfer College</u>	----- <u>ESF</u> -----	<u>Sem</u>	<u>Grade</u>	<u>Type</u>
FOREIGN LANGUAGE								
FORLAN								
SOCIAL SCIENCES								
	USGOV		3	1				
FOR202 PHYCH	FOR207	MACECON			MICECON			
AMERICAN HISTORY								
	USHIS1		3	1				
Available for all students:								
EST201	USHIS1	USHIS2			FOR204			
For students scoring above 84 on the US History Regents:								
EST361								
WESTERN CIVILIZATION								
EIN471	EURHIS1	EURHIS2			FOR203			
OTHER WORLD CIVILIZATIONS								
EFB217 WLDHIS2	EFB305	EST200			WLDHIS1			
THE ARTS								
ARTHIS1 PSE201	ARTHIS2	MUSTH1			MUSTH2			

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HOW TO READ THIS PLAN SHEET

Student must match "required courses" with "earned courses" in order to satisfy curriculum requirements. Required courses are derived from the SUNY- ESF Course Catalog for the appropriate year. Earned courses may be a combination of ESF courses and transfer courses, including advanced placement credit. The requirements are split between lower and upper division, and the "summaries" display the total credit hours required, earned, and deficient in each division.

"ID" refers to the Course ID, which may be an official College course ID or an abbreviation for a transfer course or course requirement.

Transfer courses will refer to the number of a transfer college identified at the top of the plan sheet.

Courses taken at ESF will display the semester taken and the grade received.

"Semester" - term and year in
which course was taken:
FA - Fall term
SP - Spring tem
SU - Summer term

"Type" of Course

IP - course in progress
Memo - credit added via memo
Petn - credit added via petition

This report has been prepared to assist you in determining your academic progress at ESF. If this report does not appear to be accurate, contact your academic advisor and bring this report with you. Please be advised final confirmation that you have met all degree requirements is subject to approval by your Faculty Chair and the Registrar.

CERTIFIED FOR DEGREE

Hours: _____ GPA: _____

Registrar_____
Date_____
Faculty Chair/ Designee_____
Date