

ABET accredited program compared against credits earned by Haley Lucas

University of Wisconsin-Green Bay Environmental Engineering Technology		Credits	Credits Earned by Haley Lucas		Credits
BIOLOGY 201 Principles of Biology: Cellular and Molecular Processes		3.00	BIOLOGY 202: Principles Bio: Cellular and Molecular		4.00
BIOLOGY 202 Principles of Biology Lab: Cellular and Molecular Processes		1.00	*lab included in BIO 202 (4 credits)		
CHEM 207 Laboratory Safety		1.00	ENV SCI 202 LABORATORY SAFETY		1.00
CHEM 211 Principals of Chemistry		4.00	CHEM 211 PRINC OF CHEMISTRY I		4.00
CHEM 213 Principals of Chemistry Lab		1.00	CHEM 213 PRINCIPLES OF CHEMISTRY I LAB		1.00
MATH 260 Introductory Statistics		4.00	MATH 260 INTRODUCTORY STATISTICS		4.00
MATH 202 Calculus and Analytic Geometry I		4.00	MATH 202 CALCULUS-ANALYT GEOM I		4.00
MATH 203 Calculus and Analytic Geometry II		4.00			
CHEM 212 Principles of Chemistry II		4.00	CHEM 212 PRIN OF CHEMISTRY II		4.00
CHEM 214 Principles of Chemistry II Lab		1.00	CHEM 214 PRINCIPLES OF CHEMISTRY II LAB		1.00
BIOLOGY 322 Environmental Microbiology		4.00	FRSHWTR 564 Water Quality in Aquaculture		3.00
ET 101 Fundamentals of Engineering Technology		2.00	FRSHWTR 512 Technology for Aquatic Sciences		3.00
ET 103 Surveying		3.00			
ET 105 Fundamentals of Drawing		3.00			
PHYSICS 103 Fundamentals of Physics		5.00			
ET 203 Introduction to Water and Waste Water		3.00	ENV SCI 460 RESOURCE MGT STRAT		3.00
			FRSHWTR 506 Envir Health of Frshwtr Ecosys		3.00
ET 201 Intro to Environmental Engineering		3.00			
ET 218 Fluid Mechanics		3.00			
ENV SCI 320 The Soil Environment		3.00			
GEOSCI 202 Physical Geology		4.00	GEOSCI 202 PHYSICAL GEOLOGY		4.00
ET 330 Hydrology		3.00	ENV SCI 330 HYDROLOGY		3.00
ET 391 GIS		3.00	PU EN AF 250 INTRODUCTION TO GIS		2.00
			ENV SCI 337 ENVIRONMENTAL GIS		2.00
ET 360 Project Management		2.00	BUS ADM 389 ORGANIZATIONAL BEHAVIOR		3.00
ET 331 Advanced Water and Waste Water Treatment		3.00	FRSHWTR 502 Aquatic Ecosystem Dynamics		3.00
ET 331 Solid Waste Management		2.00			
ENV SCI 305 Environmental Systems		4.00	ENV SCI 305 ENVIRONMENTAL SYSTEMS		4.00
			ENV SCI 338 ENVIRONMENTAL MODELING		2.00
			ENV SCI 425 GLOBAL CLIMATE CHANGE		3.00
First Year Seminar		3.00	HISTORY 207 INTRO AFRICAN-AMERICAN HISTORY		3.00
General Ed		3.00	POLY SCI 101 AMER GOVERNMENT & POLITICS		3.00
General Ed		3.00	POLY SCI 202 INTRO-PUBLIC SAFETY		3.00
General Ed		3.00	HISTORY 101 FOUND OF WESTERN CULTURE		3.00
General Ed		3.00	HISTORY 206 U.S. 1865-PRESENT		3.00
General Ed		3.00	ENV SCI 303 ENVIRONMENTAL SUSTAINABILITY		3.00
General Ed		3.00	HUM STUD 202 INTRO TO HUMANITIES II		3.00
General Ed		3.00	ENV SCI 260 ENERGY & SOCIETY		3.00
Elective		5.00	INTRO TO CERAMICS		3.00
Elective		3.00	GERMAN 202 INERMEDIATE GERMAN LANG II		5.00
PU EN AF 378 Environmental Law (ET Elective)		3.00	PU EN AF 378 ENVIRONMENTAL LAW		3.00
UL Advanced Study ET Elective		3.00	FRSHWTR 985 Masters Research and Thesis*		3.00
UL Advanced Study ET Elective		3.00	FRSHWTR 985 Masters Research and Thesis*		3.00
UL Advanced Study ET Elective		3.00	ENV SCI 467 CAPSTONE IN ENVIRONMENTAL SCI		4.00
ET 400 or ET 410 Co-op/Internship in Engineering Technology or Capstone Project		3.00	PU ENAF 490 EMBI CO-OP/EXPERIENCE: engineered a 400-gal recirculating aquaponics system at the Mauthe Center		3.00
TOTAL		124.00			109.00

Blue = direct equivalent course

Orange = indirect equivalent course

Green = credit earned from UW-Green Bay
(B.S. Environmental Science)

Yellow = graduate credit earned from UW-Milwaukee
(M.S. Freshwater Science and Technology)

* Thesis Title: *Analysis of Plant Biomass Production Comparing Decoupled Aquaponics Against Equivalent Single-Loop Aquaponics and Hydroponic Systems Growing Lactuca Sativa*