

BA in ECOSYSTEMS and HUMAN IMPACT Requirements Checklist

Name: _____

SB ID: _____

DEC Requirements:

Req. Comp.	Requirement	How Fulfilled
	Skill 1: Basic Math	
	Skill 2: Basic Writing	
	Skill 3: Foreign Language	
	Skill 4: American History	
	A: English Composition	1. 2.
	B: Interpreting Texts	
	C: Math	
	D: Fine/Performing Arts	
	E: Natural Sciences	1. 2.
	F: Social/Behavioral Sciences	1. 2.
	G: Humanities	1. 2.
	H: Science and Technology	
	I: European Traditions	
	J: World beyond European	
	K: American Pluralism	

Major Requirements:

A. Required Foundation Courses for Major (32-33 credits):

Req. Comp.	Requirement	DEC / Gen ED / Course Equivalent
	MAT 125-C Calculus A or MAT 131-C Calculus I (3 or 4 cr)	C / QPS
	ECO 108-F Introduction to Economics (4 cr)	F / SBS
	SBC 111 Introduction to Sustainability Studies (3 cr)	/ SNW
	SBC 113-E Physical Geography (3 cr)	E / SNW
	SBC 116 Human Geography (3 cr)	F / SBS
	ENV 115-E Chemistry, Life Environment (3 cr)	E / SNW
	SBC 201 Systems and Models (1 cr)	
	ANP 120-E Introduction to Physical Anthropology (3 cr)	E / SNW
	SBC 204 Population Studies (3 cr)	E / STEM+
	SBC 205 Introduction to Geospatial Analysis (1 cr)	
	BIO 201-E Fundamentals of Biology: Organisms to Ecosystems (3 cr)	E / SNW
	BIO 204 Fundamentals of Scientific Inquiry in the Biological Sciences (2 cr)	

B. Career and Leadership Skills (6 credits)

Req. Comp.	Requirement	DEC / Gen ED / Course Equivalent
	CSK 102: Career Leadership Skills: <i>Working in Teams</i> (1cr)	
	CSK 104: Career Leadership Skills: <i>Negotiation</i> (1 cr)	
	CSK 302 Technical Writing and Communication. (3 cr)	/ WRD, SPK
	One course selected from CSK 101, 103, 105 - 109 (1cr)	

C. Core Courses (27-29 credits):

Req. Comp.	Requirement	DEC / Gen ED / Course Equivalent
Major Core Classes (all required 12 credits)		
	ENV 304-H Global Environmental Change	H / STAS
	BIO 351 Ecology	H / STEM+
	EHI 326 Conservation Genetics	E / STEM+
	EHI 322 Human Ecology	/ STEM+
Group I: Ecosystem Electives (12-14 Credits)		
	ANP 325 Primate Behavior (3 cr)	E / STEM+
	ANP 391 Ecosystem Diversity and Evolution (3 cr)	
	ANP 350 Field Methods in Primatology and Field Biology (3 cr)	
	BIO 352 Ecology Lab (3 cr)	/ ESI
	GEO 313-H Understanding Water Resources for the 21st Century	H / ESI, STAS
	MAR 315 Conservation Biology and Marine Biodiversity (3 cr)	H / ESI, STAS
	MAR 388 Tropical Marine Ecology (4 cr)	/ ESI, EXP+, STEM+
	EHI 310 Restoration Ecology (3 cr)	/ STEM+
	EHI 311 Ecosystem Based Management (3 cr)	/ STEM+
	EHI 321 Human Reproductive Ecology (3 cr)	/ STAS
	EHI 340-H Ecological and Social Dimensions of Disease (3 cr)	/ STAS
	EHI 342-H Materials in Human and Natural World (3 cr)	/ STAS
	EHI 343-H Sustainable Natural Resources (3 cr)	/ STAS
	ENS 380 Stony Brook in Tanzania: Lake Victoria (4 cr)	
	ENV 310 Sustainability and Renewable Energy - Costa Rica	H / STAS
	ENV 340 Contemporary Topics in Environmental Science	/ ESI, STEM+
Group II: Environment, Society, and Policy (3 credits)		
	SBC 206 Economics and Sustainability (3 cr)	F / SBS+
	SBC 309 Global Environmental Politics (3 cr)	/ GLO
	SUS 341-H Environmental Treatises and Protocols (3 cr)	H / STAS
	SBC 307-K(4) Environmental History of North America (3 cr)	K4 /
	SUS 350 Contemporary Topics in Sustainability (3 cr)	
	SBC 320-J Sub-Saharan Africa: Geography, Cultures, and Societies (3 cr)	J / SBS+
	<i>One of the following courses can also be used to substitute for any of the courses in Group B, but each of these courses below has a prerequisite outside the major.</i>	
	SBC 310 Migration, Development and Population Redistribution (3 cr)	
	SBC 321-G Ecology and Evolution in American Literature (3 cr)	G / HFA+, WRTD
	SUS 303 Demographic Change and Sustainability (3 cr)	
	SUS 305-F Collective Action and Sustainability (3 cr)	F / SBS+
	EDP 309 Planning, Policies, and Regulations (3 cr)	/ SBS+
	SUS 301 Environmental Ethics (3 cr)	
	SBC 311-F Disasters and Society: A Global Perspective (3 cr)	H / STAS
	SBC 312-F Environment, Society, and Health (3 cr)	F / SBS+
	SUS 306 Business and Sustainability (3 cr)	
	SUS 307 Environmental Economics and Management (3 cr)	/ STAS

D. Systems Course: Integrative, Collaborative Systems Project (3 credits)

	ENV 301 Sustainability of Long Island Pine Barrens (3cr)	H / STAS, SPK
	SBC 401 Integrative, Collaborative Systems Project (3 cr)	/ ESI
	or ANP 487 or ANT 487: Independent Study: Research in Biology, Natural History, or Anthropology (both Cultural and Physical) in Madagascar.	

E. Upper-Division Writing Requirement

Proficiency in writing, oral communication, and computer literacy will be encouraged in all students. In addition to CSK 302, these skills will be developed within the context of other formal coursework and no additional credits are required. To meet the upper-division writing requirement, students must submit two papers from any 300-level or 400-level course in the major to the Director of the SUS Undergraduate Program.	
Paper 1:	
Paper 2:	