

**BS Environmental Studies
2022-2023**

Name: _____ ID#: _____ Anticipated Grad Date: _____

<u>MAJOR REQUIREMENTS: (15 hours)</u>	<u>Cr Hrs.</u>	<u>Course</u>	<u>Term</u>	<u>Grade</u>
Required courses: (15 semester hours)				
ENV 101 Environmental Issues.....	3	_____	_____	_____
OR ENV 202 Climate Change.....	3	_____	_____	_____
ENV 230 Environmental Seminar.....	1	_____	_____	_____
ENV 230 Environmental Seminar.....	1	_____	_____	_____
ENV 301 Environmental Policy, Law, Justice				
OR AGR 210 Politics of Food & Agriculture.....	3	_____	_____	_____
ENV 380 Environmental Career Exploration.....	3	_____	_____	_____
SCI 469* Senior Internship				
OR SCI 494 Senior Project I.....	2	_____	_____	_____
SCI 495 Senior Project II.....	2	_____	_____	_____

**Students in the Sustainable Agriculture concentration who do not have significant farm experience are required to take SCI 469. Those who have significant agriculture experience can either take SCI 469 or SCI 494. Agriculture Education License students do not need to take ENV 380*

REQUIRED CONCENTRATION:

Select one concentration: Science, Sustainability or Sustainable Agriculture.

Science Concentration Required Courses: (33 semester hours)

BIO 121 Introduction to Ecology & Evolutionary Biology.....	4	_____	_____	_____
BIO 245 General Ecology.....	4	_____	_____	_____
CHE 101 General Chemistry I: An Environmental Approach.....	4	_____	_____	_____
ENV 220 Sustainable Communities.....	3	_____	_____	_____
ENV 269 Internship I.....	2	_____	_____	_____
ENV 365 Geographic Information System.....	4	_____	_____	_____
GEO 101 Physical Geology.....	4	_____	_____	_____
PHY 103 General Physics I				
OR PHY 104 General Physics II.....	4	_____	_____	_____

Science Concentration Restricted Electives: (12 semester hours)

Courses used above may not be used for these requirements.

AGR 105 Field Experiences in Mountain Agriculture OR higher...	3	_____	_____	_____
BIO 120 Into to Biology II Cellular/Molecular Biology.....	4	_____	_____	_____
BIO 130 Ecosystems.....	3	_____	_____	_____
CHE 184 Principles of Chemistry II OR Higher.....	4	_____	_____	_____
ENV 250 Skills for Sustainable Living OR Higher.....	3	_____	_____	_____
GEO 105 Historical Geology OR Higher.....	3	_____	_____	_____
MAT 121 Pre Calculus with Trigonometry OR higher.....	3	_____	_____	_____
PHY 103 General Physics I OR Higher.....	4	_____	_____	_____

Sustainability Concentration Required Courses:

Restricted Electives for Sustainability Concentration: (20-21 semester hours)

BIO 105 Concepts in Biology.....	4	_____	_____	_____
BIO 130 Ecosystems				
OR BIO 245 General Ecology.....	3-4	_____	_____	_____
CHE 101 General Chemistry I: An Environmental Approach.....	4	_____	_____	_____
ENV 220 Sustainable Communities.....	3	_____	_____	_____
ENV 269 Internship I.....	2	_____	_____	_____
ENV 365 Geographic Information System.....	4	_____	_____	_____

Sustainability Concentration Restricted Electives:

Select 18 hours. (If not used above).

AGR 105 Field Experiences in Mountain Agriculture.....	3	_____	_____	_____
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OR Higher			
BIO 120 Intro to Cellular and Molecular I Biology OR Higher.....	3	_____	_____
OR Higher			
BIO 130 Ecosystems	3	_____	_____
CHE 184 Principles of Chemistry II OR Higher	4	_____	_____
ECN 201Macroeconomics			
OR ECN 202 Microeconomics	3	_____	_____
ENG 217 Environmental Literature.....	3	_____	_____
ENV 250 Skills for Sustainable Living OR Higher	3	_____	_____
GEO 101 Physical Geology OR Higher.....	3	_____	_____
HIS 256 Wilderness in American Life.....	3	_____	_____
OR HIS 323 History of Southeastern Native Americans	3	_____	_____
MAT 121 Pre Calculus with Trigonometry OR Higher.....	3	_____	_____
ORG 304 Legal Environment of Business.....	3	_____	_____
PHY 103 General Physics I OR Higher	3	_____	_____
PSY 210 Research Methods I: Design and Data Collection			
OR PSY 240 Social Psychology			
OR PSY 365 Personal & Group Environments	3	_____	_____
SOC 101 Introduction to Sociology	3	_____	_____
WLE 101 Introduction to Outdoor Education	3	_____	_____

Sustainable Agriculture Concentration

Required Courses: (30 semester hours)			
AGR 105 Mountain Agriculture.....	3	_____	_____
AGR 150 Farm Equipment and Infrastructure.....	3	_____	_____
AGR 201 Plant Production.....	3	_____	_____
AGR 202 Animal Production.....	3	_____	_____
AGR 210 Politics of Food and Agriculture.....	3	_____	_____
BIO 105 Concepts in Biology OR Higher	4	_____	_____
BIO 240 Biodiversity	4	_____	_____
CHE 101 General Chemistry I: An Environmental Approach.....	4	_____	_____
ORG 110 Business in a Global Context.....	3	_____	_____

Sustainable Agriculture Concentration Restricted Electives:

<i>Select 9 hours. Courses used above may not be used for these requirements.</i>			
ACC 201 Principles of Accounting I.....	3	_____	_____
Any AGR Elective	3	_____	_____
BIO 130 Ecosystems OR Higher	3	_____	_____
BIO 250 Entomology OR Higher	4	_____	_____
CHE 184 Principles of Chemistry II OR Higher	4	_____	_____
ENV 250 Skills in Sustainable Living OR Higher.....	3	_____	_____
GEO 101 Physical Geology OR Higher.....	3	_____	_____
MAT 121 Pre Calculus with Trigonometry OR Higher.....	3	_____	_____
ORG 301 Principles of Finance.....	3	_____	_____
PHY 103 General Physics I OR Higher	4	_____	_____

TOTAL HOURS REQUIRED **MINIMUM 51-56 SEMESTER HOURS**

ADDITIONAL REQUIREMENTS FOR NC TEACHER LICENSURE IN AGRICULTURE EDUCATION

AGR 340 Agriculture Education Pedagogy	3	_____	_____
EDU 205 21 st Century Teacher and Learner.....	3	_____	_____
EDU 220 Educational Psychology.....	3	_____	_____

OR PSY 230 Life Span Development.....	3	_____	_____	_____
EDU 303 Diverse and Exceptional Learner.....	3	_____	_____	_____
EDU 304 Educational Technology: Teaching is Digital Age.....	3	_____	_____	_____
EDU 305 Facilitation of Learning	3	_____	_____	_____
EDU 340 Secondary Methods	3	_____	_____	_____
EDU 401 Student Teaching Seminar	2	_____	_____	_____
EDU 407 Student Teaching 7-12.....	14	_____	_____	_____
PSY 101 Introduction to Psychology	3	_____	_____	_____

*For transfer courses indicate grade of T and in course column indicate transfer course prefix and number. If a course substitution, attach course substitution form

TOTAL ADDITIONAL HOURS

MINIMUM 37 SEMESTER HOURS

GRADUATION REQUIREMENTS:

- Minimum 124 semester hours
- Minimum cumulative GPA of at least 2.0 in all coursework at Brevard and minimum cumulative GPA of at least 2.0 in all courses required for major. Some majors may have more stringent requirements (see major requirements in catalog)
- Complete a minimum of 32 semester hours at Brevard and complete 50% of major requirements at Brevard.
- Errors contained on the checklist do not release the student from meeting graduation requirements as stated in the catalog