

## 2022-2023

### Degree Map: [Sustainability – Agroecology \(BS\)](#)

#### Sustainability Program

School of Natural Sciences & Mathematics | Stockton University

USC 1 - 240 | 609-652-4546

The following is a **suggested** plan of study for completion of this degree program.

The **goal of a Degree Map** is to ensure that students graduate with no more than 128 credits and in four years.

- All students should speak with their preceptor about their academic programs.
- Students are encouraged to take overload and Summer courses to facilitate their progress towards graduation as necessary.
- Transfer students may not need to take all courses in the plan; they should consult with an academic advisor.

FIRST YEAR - FALL	Credit	FIRST YEAR - SPRING	Credit
Course load	17	Course load	18
FRST or G-course <b>Attribute:</b> First Year Seminar	4	FRST or G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4
Subject: FRST or G-course <b>Attribute:</b> W1	4	ASD or G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4
CHEM 2110/15 CHEM I General Principles w/lab <b>Attribute:</b> Q2 <sup>1</sup>	5	CHEM 2120/25 CHEM II Organic Structure w/lab <sup>1</sup>	5
SUST 2100 Environmental Sustainability	4	BIOL 1400/05 Biodiversity and Evolution w/lab	5

SECOND YEAR - FALL	Credit	SECOND YEAR - SPRING	Credit
Course load	19	Course load	16
G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4	G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4
ECON 2200 Ecological Economics	4	Program/Cognate course <b>Optional Attributes:</b> Q1/Q2, W, A, H, I, R, and/or V	4
PHYS 2220/25 Physics I w/lab <b>[Fall &amp; Spring]</b> <b>Attribute:</b> Q1	6	SUST 3300 Environmental Policy and Law <b>Attribute:</b> Migration Studies IMMS	4
MATH 2215 Calculus I <b>Attribute:</b> Q1	5	Program Ecology Requirement <sup>2</sup>	4

THIRD YEAR - FALL	Credit	THIRD YEAR - SPRING	Credit
Course load	17	Course load	14
G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4	G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4
Program Elective <sup>3</sup>	4	ASD or G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4
SUST 3440/45 Sustainable Agriculture w/lab	4	SUST 3450/55 Plants and Agriculture w/lab	4
SUST 3301/05 Sustainable Technologies w/lab	5	SUST 3251 Agricultural Practices <sup>4</sup>	2

FOURTH YEAR - FALL	Credit	FOURTH YEAR - SPRING	Credit
Course load	16	Course load	12-16
ASD or G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4	G-course <b>Optional Attributes:</b> W, A, H, I, R, and/or V	4
SUST 3180 Plant Physiology	4	Program Elective <sup>3</sup>	4

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FOURTH YEAR - FALL	Credit	FOURTH YEAR - SPRING	Credit
SUST 3461 Agroecology Practicum	4	Optional Program Elective or Project	4
SUST 4900 Senior Internship	4	SUST 4600 Senior Synthesis	4

**GRADUATION REQUIREMENT TRACKER**

G-course	✓
GAH	
GAH	
GEN	
GIS	
GNM	
GNM	
GSS	
GSS	

Quantitative Reasoning	✓
Q1 (First year)	
Q1/Q2	
Q2	

Writing Requirement	✓
W1 (First year)	
W1/W2	
W1/W2	
W1/W2 (3000 level or higher)	

At-some-distance	✓
ASD	
ASD	
ASD	
ASD	

Attributes	✓
A	
H	
I	
R1	
R2	
V	

**Program specific notes**

- An overall GPA of 2.0 is required for all NAMS courses. A minimum grade of C is required for each shaded course above.
- <sup>1</sup> It is important to note that at Stockton, Chemistry I and IV are ‘General Chemistry’ while CHEM II and CHEM III are ‘Organic Chemistry’; thereby students may proceed to CHEM II or IV after taking CHEM I with lab.
- <sup>2</sup> SUST/MARS 3201 Marine Conservation Ecology [**V**, **W2**]. ENVL 2200/05 Ecological Principles w/lab.
- <sup>3</sup> BIOL 3365 Economic Botany, BIOL 3414 Plant Ecology, SUST 3251 Agricultural Practices, SUST 2100 Physical Geography w/lab, ENVL 3302 Geographic Information Systems, ENVL 3311 Regional Planning, ENVL/SUST Natural Resource Policy & Law [**V**], ENVL 3241 Environmental Pollution and Regulation, ENVL 3432 Soil Science [**W2**], PSYC/SUST 2401 Environmental Psychology, BIOL 3504 Conservation Biology, SUST 2800/3800 Special Project.
- <sup>4</sup> May be repeated for credit.

**ADDITIONAL INFORMATION**

- **FIRST (FRST).** All newly admitted freshmen or transfer students with 15 or fewer credits are required to fulfill the University’s first-year competency requirement. The requirement may be met by demonstrating competency on the placement tests, or by passing, with a grade of C or better, all FRST courses: FRST 1101 – College Writing, 1002 – Critical Thinking and Reading, and 1103 – Quantitative Reasoning into which students have been placed. Students enrolled in FRST 1100 – Developmental Mathematics must receive a grade of C or better, and then enroll in and receive a grade of C or better in FRST 1103 to demonstrate competency. Full-time students must register for all required FRST courses in their first semester. Depending on time to completion of competency requirements, some students may need additional time for degree completion. *Note-* certain FRST courses also meet the requirements of the General Studies course distribution categories.
- **General Studies.** B.S. students must complete 48 credits of General Studies with the distribution requirement of: 8 GAH, 4 GEN, 4 GIS, 8 GNM, 8 GSS and 16 ASD (At Some Distance). See 2022-2023 Bulletin for more information. B.A. students must complete 64 credits of General Studies with the distribution requirement of: 8 GAH, 4 GEN, 4 GIS, 8 GNM, 8 GSS and 32 ASD.
- **W1/W2- Writing requirement.** Students are required to complete (C or better) four Writing intensive (WI/W2) courses. One W1 is required in the first year and an additional three W1 or W2 with one in the upper-level division (3000-level or higher). W1/W2 courses can be found in General Studies or Program/cognate courses depending on major.

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- **Q1/Q2- Quantitative Reasoning.** Students are required to complete (D- or better) three Q1/Q2 courses. One Q1 in the first year and at least one Q2. Q1/Q2 courses may be found in General Studies or Program/cognate course depending on major.
- **R1/R2- Race and Racism.** Students are required to pass one R1 and another R1/R2 course. R1 (C or better), R2 (D or better). R1/R2 courses may be found in General Studies or Program/cognate courses depending on major.
- **Minor program.** Students may select a Minor program of study, in consultation with their preceptor. Minor courses would replace some of the ASD or Program/cognate courses in the Degree Map.
- **Attributes (AHVI/Q, W and R).** A course may fulfill multiple attributes and/or other requirements. Therefore, many attributes can be fulfilled without taking additional courses. Attributes can be taken in any order except for the first-year requirements. Many course choices are available to fulfill an attribute.
- **Transfer students.** Transfer students must take 25% of their remaining credits in General Studies with a GIS course required (The 25% Rule). Depending on transferred courses, individual attribute requirements may be met (AHVI/Q, W and R) but will be evaluated on transfer. For students transferring 64 credits or more, the General Studies course requirement is lowered to 16 credits (i.e. only four G courses are required, but all students must take 4 credits in the GIS category, the other three G courses can be any combination of the G course categories). Up to two W1 and two Q1 courses can be transferred, all W2 and Q2 courses need to be taken at Stockton. Up to one R1 or R2 can be transferred. Consult with an academic advisor for careful guidance.
- **Second degree.** Students with an earned degree will be exempt from all general studies course requirements (i.e. G courses, ASD) and AHVI/Q, W and R attributes.