



B.A. IN SUSTAINABILITY SCIENCES

GENERAL EDUCATION REQUIREMENTS

- () IT 101 Information Technology
- () EXP 1_____ Expository Writing I¹
- () EXP 2_____ Expository Writing II¹
- () _____ Literature/Cinema/EMS²
- () MA_____ Mathematical Science I³
- () MA_____ Mathematical Science II³
- () NASC_____ Natural Science (4 credits)⁴
- () _____ Global Studies: GLS 100, 101, 102, 105 or 116
- () HI_____ History
- () PH 101 Problems of Philosophy
- () PS/SO_____ Behavioral Science
- () EC 111 Principles of Microeconomics
- () EC 112 Principles of Macroeconomics
- () FS 111 First Year Seminar (1cr)

MAJOR REQUIREMENTS

- () NASC 122 Environmental Chemistry (4 credits)
- () NASE 364 Science of Sustainability
- () NASE 380 Science in Environmental Policy
- () _____ NASE Field Experience⁶
- () _____ Sustainability Elective^{7,8}
- () _____ Sustainability Elective^{7,8}
- () _____ Sustainability Elective^{7,8}
- () _____ NASE 415 Research in Natural & Applied Sciences
or NASE 421 Internship

ELECTIVES⁵

- () MA/NASE__ Math or Natural Science Elective
- () _____ Humanities/Social Science Elective

MODERN LANGUAGE REQ. &/OR A&S ELECTIVES⁹

- () _____ Modern Language Req. &/Or A&S Elective
- () _____ Modern Language Req. &/Or A&S Elective
- () _____ Modern Language Req. &/Or A&S Elective
- () _____ Modern Language Req. &/Or A&S Elective

ARTS & SCIENCE ELECTIVES^{5,10}

- () _____ Arts & Science Elective
- () _____ Arts & Science Elective
- () _____ Arts & Science Elective

BUSINESS STUDIES MINOR¹¹

- () GB 110 Legal and Ethical Environment of Business
- () GB 112 Tools & Concepts in Accounting & Finance
- () GB 212 Practice & Applications in Acct. & Finance
- () GB 213 Business Statistics
- () GB 214 Marketing-Operations Fundamentals
- OR GB 215 Human Behavior and Organizations

UNRESTRICTED ELECTIVE COURSES^{5,10}

- () _____
- () _____
- () _____
- () _____

BUSINESS STUDIES MAJOR¹¹

- () GB 110 Legal and Ethical Environment of Business
- () GB 112 Tools & Concepts in Accounting & Finance
- () GB 212 Practice & Applications in Acct. & Finance
- () GB 213 Business Statistics
- () GB 214 Marketing-Operations Fundamentals
- () GB 215 Human Behavior and Organizations
- () _____ Business Elective
- () _____ Business Elective

UNRESTRICTED ELECTIVE COURSES^{5,10}

- () _____
- () _____

Office Notes:

Total credits required 123. Note: Transfer students with at least 15 credits in transfer will complete 122 credits.

All courses are 3 credits unless otherwise indicated.

COURSE FOCUS REQUIREMENTS

- () U.S. Diversity Intensive (D)
- () International Intensive (I)
- () Communication Intensive (C)

¹ Placement in this course is determined by the English and Media Studies department.

² Requirement may be fulfilled with any LIT/CIN/EMS or MLCH 402, MLFR 304, MLIT 304, MLSP 301, 404, or 405.

³ Math sequence consists of either MA 123 & MA 126 or MA 131 & MA 139, depending upon departmental placement.

⁴ It is recommended that students take either NASC 111 or NASC 130 to meet the General Education requirement

⁵ Elective guidelines are available on the Registrar's website.

⁶ An appropriate field experience is to be selected from NASE 314, 334, 336, a NASE faculty led international program, or another course approved by the faculty advisor.

⁷ Selected from NASE 311, 318, 328, 336, 337, 339, 344, 350, MA 227; EC 346.

⁸ One Sustainability Science elective may be chosen from PS 305, LA 102, PH 301, GLS 101, or GLS 243.

⁹ Bachelor of Arts students must demonstrate intermediate competence in a modern language. Most students do so by completing an "Intermediate II" course. You must meet with the chair of the Modern Languages to discuss your language proficiency and your required coursework.

¹⁰ Students are encouraged to select additional electives from the courses listed in notes 6 and 7

¹¹ Students must complete either a Business Studies Major or Business Studies minor.

***Students may take no more than 30 credits of business courses, including courses from the Business Studies Major or minor.**

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Sustainability Sciences

The practice of sustainability is not good just for the environment — it's an important part of business too. Whether it's through recycling, alternative energy, environmentally friendly material science or other initiatives, organizations and governments are all working hard to become more green in their business operations.

The Bentley Sustainability Science major gives you a foundation in the science of sustainability combined with an understanding of business principles and practices at organizations that are looking to incorporate this important business function into their operations. The curriculum ensures that you will understand not only Earth's environmental systems, but also how they relate to business and societal activity — an approach that stands out among primarily science-based programs. The major is excellent preparation if you are interested in a career path that requires you to consider environmental, economic and societal sustainability in corporate decision-making.

Through this major, you will gain real-world skills through a required field experience in environmental science, as well as a capstone project or internship. The Sustainability Science major also requires that you complete either a Business Studies major or minor.

Required Courses

- | | |
|---------------------|--|
| 1. NASC 122 | Environmental Chemistry (4 cr.) |
| 2. NASE 364 | Science of Sustainability |
| 3. NASE 380 | Science in Environmental Policy |
| 4. Field Experience | NASE Field Experience |
| 5. Elective | Sustainability Elective |
| 6. Elective | Sustainability Elective |
| 7. Elective | Sustainability Elective |
| 8. NASE 415 or 421 | Research in Natural & Applied Sciences or Internship |

- An appropriate field experience is to be selected from NASE 314, 334, 336, a NAS faculty led international program, or another course approved by the faculty advisor.
- Students are encouraged to take NASC 111 Green Biology: Ecological and Botanical Connections OR NASC 130 Principles of Geology for their NASC General Education Requirement
- Electives may be selected from NASE 311, 318, 328, 336, 337, 339, 344, 350; MA 227; EC 346.
- One Sustainability Science elective may be chosen from PS 305, LA 102, PH 301, GLS 101, or GLS 243
- SSC majors must complete either a Business Studies Major or Business Studies minor.
- BA students may take no more than 30 credits of business courses, including the courses from the Business Studies Major or minor.