

Three-Year Graduation Guarantee

**Bachelor of Science in Environmental Science - Computational Thinking Emphasis
Recommended Program Plan (odd year)**

(Subject to change depending on credits transferred in by student)

Environmental and Earth Sciences Plan Coordinator: Dr. Russell Souчек

Certain classes can be completed online in the summer through Doane College.

Prior to Year #1

12 Credits Completed Applicable to Degree Requirements

Year #1

Fall - 15 Credits BIO 110 - Biological Inquiry (3) LAR 101 – Inquiry Seminar (3) PSI 101 - American Politics (3) MTH 107- Problem Solving (3) IST 145 - Introduction to Programming & Problem Solving (3)	Spring - 16 Credits BIO 111 - Energy of Life (3) GEO 101 - Environmental Geology (4) IST 146 - Programming & Problem Solving II (3) ECO 203 - Macroeconomics and Literacy (3) PHI 105 - Logic & Critical Thinking or MTH 108 Modeling & Applications (3)
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Summer after Year #1

6 Credits – Approved with guidance of faculty advisor

Year #2

Fall - 17 Credits BIO 112 - Information of Life (3) CHM 125 - General Chemistry I (4) LAR 202 – Integrative Seminar (3) ECO 309 - Environmental Economics (3) EVS 301 - Environmental Science (4)	Spring - 18 Credits CHM 126 - General Chemistry II (4) EVS/BIO/CHM 351 - Environmental Science Research Seminar I (2) BIO 295 - Biostatistics (3) ENG 318 - Environmental Literature (3) EVS 392 - Environmental Policy & Sustainability (3) CMS 210- Public Speaking (3)
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Summer after Year #2

6 Credits – Approved with guidance of faculty advisor

Year #3

Fall - 17 Credits EVS/BIO/RES 495 - Environmental Science Research II (2) EVS 325 - Soil Systems and Sustainability or BIO 332 or 333 Ecological Botany or Ecological Biology (3 or 4) FAK – Foundational Area of Knowledge – Core Requirement (3) EVS/IST 320 - Introduction to Geographic Information Systems (3) LAR 303 - Impact Seminar (3) General Elective (3)	Spring - 17 Credits EVS/BIO/RES 496 - Environmental Science Research II (2) FAK – Foundational Area of Knowledge – Core Requirement (3) FAK – Foundational Area of Knowledge – Core Requirement (3) General Elective (3) General Elective (3) General Elective (3)
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IMPORTANT:

1. Students are required to transfer in AT LEAST 12 credits for 3-year guarantee eligibility. These credits have the potential to alter the program plan slightly. Careful planning is required to maintain the EVS course schedule. If a student transfers more than 12 credits to start, it can either affect the student's semester or summer loads in the 3-year program plan.
2. Students are required to earn at least 123 credits for graduation. The above plan shows 12 credits transferred in prior to enrollment, 12 credits during summers after years 1 and 2, plus the total of 99 minimum credits earned during fall and spring semesters.
3. The Undergraduate Core requires 3 LAR courses, 7 FAK courses, and 1 experiential learning course (EVS/BIO/RES 495 – Research II). These have been met in the above plan.
4. This guarantee meets the general requirements of an Environmental Science major; it does not guarantee that a particular selection of courses will be made available. If a student chooses to enroll in specific elective courses that prevent graduation in three years, this guarantee will be void.
5. If participation in extracurricular activities (e.g. athletics, music, drama) prevents a student from meeting the requirements of the three year guarantee, the guarantee will be void. This plan assumes only three credit classes are completed as general elective or minor requirements in addition to the above requirements.

Three-Year Graduation Guarantee

**Bachelor of Science in Environmental Science - Computational Thinking Emphasis
Recommended Program Plan (even year)**

(Subject to change depending on credits transferred in by student)

Environmental and Earth Sciences Plan Coordinator: Dr. Russell Soucek

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Prior to Year #1

12 Credits Completed Applicable to Degree Requirements

Year #1

<p>Fall - 15 Credits BIO 110 - Biological Inquiry (3) LAR 101 – Inquiry Seminar (3) GEO 101 - Environmental Geology (4) MTH 107- Problem Solving (3) IST 145 - Introduction to Programming & Problem Solving (3)</p>	<p>Spring - 16 Credits BIO 111 - Energy of Life (3) IST 146 - Programming & Problem Solving II (3) ECO 203 - Macroeconomics and Literacy (3) PSI 101 - American Politics (3) PHI 105 - Logic & Critical Thinking or MTH 108 Modeling & Applications (3)</p>
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Summer after Year #1

6 Credits – Approved with guidance of faculty advisor

Year #2

<p>Fall - 17 Credits BIO 112 - Information of Life (3) CHM 125 - General Chemistry I (4) LAR 202 – Integrative Seminar (3) EVS/IST 320 Introduction to Geographic Information Systems CMS 210- Public Speaking (3) General Elective or minor (3)</p>	<p>Spring - 18 Credits CHM 126 - General Chemistry II (4) EVS 351 - Environmental Science Research I (2) BIO 295 - Biostatistics (3) General Elective or minor (3) General Elective or minor (3) FAK – Foundational Area of Knowledge – Core Requirement (3) FAK – Foundational Area of Knowledge – Core Requirement (3)</p>
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Summer after Year #2

6 Credits – Approved with guidance of faculty advisor

Year #3

<p>Fall - 17-18 Credits EVS/BIO/RES 495 - Environmental Science Research II (2) EVS 325 - Soil Systems and Sustainability or BIO 332 or 333 Ecological Botany or Ecological Biology (3 or 4) FAK – Foundational Area of Knowledge – Core Requirement (3) General Elective or minor (3) HIS 320 American Environmental History (3) ECO 309 - Environmental Economics (3) EVS 301 - Environmental Science (4)</p>	<p>Spring - 17 Credits EVS/BIO/RES 496 - Environmental Science Research III (2) EVS 392 - Environmental Policy and Sustainability (3) EVS 392 - Environmental Policy & Sustainability (3) General Elective or minor (3) General Elective or minor (3) General Elective or minor (3)</p>
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- The Undergraduate Core requires 3 LAR courses, 7 FAK courses, and 1 experiential learning course (EVS/BIO/RES 495 – Research II). These have been met in the above plan.
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