

# Bachelor of Science in Environmental Science

## General Course Progression: Year 1 & Year 2

1 <sup>st</sup> Year Fall (16 hours)	1 <sup>st</sup> Year Spring (16 hours)	2 <sup>nd</sup> Year Fall (15 hours)	2 <sup>nd</sup> Year Spring (15-16 hours)
Sustaining a Planet (UGS 303)	Introductory Field Seminar (EVS 311)	Climates & Oceans <sup>1</sup> (3 hours)	Research Methods (EVS 121 – WR flag)
Biology (BIO 311C)	Biology (BIO 311D)	Landscape Ecology (GRG 335N)	Geographic Info Systems (3-4 hours)
Chemistry (CH 301)	Chemistry (CH 302)	Hydrogeology (GEO 346C)	Chemical Practice (CH 204)
Differential Calculus (M 408C)	Geology <sup>2</sup> (4 hours)	Humanities (E 316K, L, M, N, or P)	Microeconomics (ECO 304K)
Visual & Performing Arts or Rhetoric (RHE 306)	Rhetoric (RHE 306) or Visual & Performing Arts	Government (3 hours)	Environmental and Sustainable Policy, Ethics, & History (3 hours)
			Government (3 hours)

	EVS Prescribed Coursework
	EVS - Only Courses
	Required Track Coursework
	UT Requirement
	Elective

**NOTE:** This course progression does not constitute a comprehensive 4-year plan. Additional requirements, including curriculum flags, may be applicable. Consult your Interactive Degree Audit and speak with your academic advisor for specific information about requirements. Additionally, **track-specific** four-year plans are available on the EVS website.

<sup>1</sup> Geography track students are expected to satisfy this requirement with an approved course offered by the Department of Geography and the Environment. If they do not, they will need to take additional Physical Geography courses in lieu of elective courses.

<sup>2</sup> Students typically complete GEO 401 or GEO 303 to satisfy this requirement. However, students intending to complete the geography track are encouraged to take GRG 301C to satisfy this requirement. If a student pursues the geography track after completing this requirement with a different course, they will need to take GRG 301C in lieu of an elective course.

# Bachelor of Science in Environmental Science

## General Course Progression: Year 3 & Year 4

### Geological Sciences Track (Jackson School of Geosciences)

3 <sup>rd</sup> Year – Fall	3 <sup>rd</sup> Year – Spring	4 <sup>th</sup> Year – Fall	4 <sup>th</sup> Year – Spring
Multivariable Calculus (M 408D)	Research Prep (EVS 271)	Senior Research (EVS 371)	Prof. Communication (EVS 151)
Sedimentary Rocks (GEO 416M)	Physics 1 with Lab (4 hours) <sup>3</sup>	Prof. Development (EVS 141)	Ecology (MNS 320) <sup>4</sup>
Earth Materials (GEO 416K)	Field Methods (GEO 420K)	Physics 2 with Lab (4 hours)	Ecology Field Lab (MNS 120L) <sup>5</sup>
Life Across Time (GEO 405)	Climate & Water (3 hours)	UD GEO 1 (3 hours)	UD GEO 3 (3 hours)
	U.S. History (3 hours)	UD GEO 2 (3 hours)	Elective (3 hours) <sup>7</sup>
		Elective (3 hours) <sup>7</sup>	U.S. History (3 hours)

### Biological Sciences Track (College of Natural Sciences)

3 <sup>rd</sup> Year – Fall	3 <sup>rd</sup> Year – Spring	4 <sup>th</sup> Year – Fall	4 <sup>th</sup> Year – Spring
Physics with Lab (4 hours) <sup>3</sup>	Research Prep (EVS 271)	Senior Research (EVS 371)	Prof. Communication (EVS 151)
Genetics (BIO 325)	Ecology (BIO 373) <sup>4</sup>	Prof. Development (EVS 141)	Conservation (BIO 375)
Foreign Cultures (3 hours) <sup>6</sup>	Ecology Field Lab (BIO 373L) <sup>5</sup>	Taxon Diversity (3-4 hours)	Physio. & Neuro. (3-4 hours)
U.S. History (3 hours)	Foreign Cultures (3 hours) <sup>6</sup>	Evolution (BIO 370)	U.S. History (3 hours)
Elective (3 hours) <sup>7</sup>	Biostatistics (SSC 328M)	Elective (3 hours) <sup>7</sup>	Elective (3 hours) <sup>7</sup>
	Elective (3 hours) <sup>7</sup>	Elective (3 hours) <sup>7</sup>	Elective (3 hours) <sup>7</sup>

### Geographical Sciences Track (College of Liberal Arts)

3 <sup>rd</sup> Year – Fall	3 <sup>rd</sup> Year – Spring	4 <sup>th</sup> Year – Fall	4 <sup>th</sup> Year – Spring
Physics with Lab (4 hours) <sup>3</sup>	Research Prep (EVS 271)	Senior Research (EVS 371)	Prof. Communication (EVS 151)
Approved Geography (3 hours)	Ecology (MNS 320) <sup>4</sup>	Prof. Development (EVS 141)	Approved Geography (3 hours)
GRG 304E <sup>8</sup>	Ecology Field Lab (MNS 120L) <sup>5</sup>	Approved Geography (3 hours)	Approved Geography (3 hours)
Foreign Language/Cultures (3 hours) <sup>6</sup>	Approved Geography (3 hours)	CEHET (3 hours)	Additional Social Science (3 hours)
U.S. History (3 hours)	Foreign Cultures (3 hours) <sup>6</sup>	Elective (3 hours) <sup>7</sup>	U.S. History (3 hours)
	Elective (3 hours) <sup>7</sup>	Elective (3 hours) <sup>7</sup>	Elective (3 hours) <sup>7</sup>

<sup>3</sup> The Physics requirement (two-semester for the Geology track, one semester for the Biology and Geography tracks) must be satisfied with a calculus-based physics and accompanying lab (e.g. PHY 303K & 103M or PHY 317K & 117M).

<sup>4</sup> Students may take either BIO 373 or MNS 320 to satisfy the EVS Ecology requirement.

<sup>5</sup> Geology and Geography track students may take either BIO 373L or MNS 120L to satisfy the EVS Ecology Field Lab requirement. Biology track students must take BIO 373L to satisfy the EVS Ecology Field Lab requirement.

<sup>6</sup> Note that courses satisfying the foreign cultures requirement varies by college – please consult with your college’s academic advisor to ensure the course taken will satisfy the requirement in that college.

<sup>7</sup> Elective coursework is necessary to ensure students earn the 126 credit hours required of each EVS degree. Credit not otherwise used toward a degree requirement from AP and IB exams, dual credit, and other university coursework may be used. Please consult with your academic advisor before claiming any credit-by-exam.

<sup>8</sup> Geography track students are encouraged to take GRG 304E in the 1<sup>st</sup> or 2<sup>nd</sup> year; however, for the purposes of this four-year planner, GRG 304E is included in the 3<sup>rd</sup> year to differentiate between prescribed EVS coursework and track-specific coursework. Please see the Geography Track General Course Progression for more guidance.