

Degree Worksheet for the College of Arts and Sciences: 2022-2023

B.S. ENVIRONMENTAL SCIENCE

COLLEGE of ARTS & SCIENCES Language Requirement

All students who major in the College of Arts & Sciences are required to demonstrate competence in a second language. For complete details:

<https://www.gonzaga.edu/college-of-arts-sciences/about/information-for-students/language-requirement-information>

Credits Sem/Yr

	3
	3

UNIVERSITY CORE REQUIREMENTS:

► FUNDAMENTAL CORE COURSES

Year 1: Understanding & Creating

Writing	Credits Sem/Yr
ENGL 101 Writing (fulfills 3 credits Writing Enriched)*	3
Reasoning	
PHIL 101 Reasoning	3
First Year Seminar	
Dept. 193	3
Communication & Speech	
COMM 100 Communication & Speech	3
Math	
MATH (must be above Math 100)	3
Scientific Inquiry (2cr + 1cr lab)	
BIOL or CHEM or PHYS 104/104L (taken year 1 or 2)	3

Year 2: Being & Becoming

Christianity & Catholic Traditions	Credits Sem/Yr
RELI (see approved list)**	3
Philosophy of Human Nature	
PHIL 201 Philosophy of Human Nature	3

Year 3: Caring & Doing

World/Comparative Religion	Credits Sem/Yr
RELI (see approved list)** (fulfills 3cr Global Studies)*	3
Ethics	
PHIL 301 Ethics or RELI 330 Principles-Christian Morality	3

Year 4: Imagining the Possible

Core Integration Seminar	Credits Sem/Yr
Dept. 432	3

NOTE: some courses have pre-requisites, check the catalog carefully!

► BROADENING COURSES - see approved list**

Social & Behavioral Science	Credits Sem/Yr
	3
Literature	
	3
History	
	3
Fine Arts & Design	
	3

► REQUIRED COURSE DESIGNATIONS - see approved list**

*Writing Enriched	Credits Sem/Yr
	9 total
Social Justice	
	3 total
*Global Studies	
	6 total

****for list of approved RELI, Broadening & Designated courses, see :**

<https://my.gonzaga.edu/academics/undergraduate-programs/general-degree-requirements-procedures/university-core>

B.S. ENVIRONMENTAL SCIENCE: 64-65 CREDITS

LOWER DIVISION

33-34 Credits

Course	Course Title	Credits	Grade
ENVS 101	Introduction to Environmental Studies	3	
ENVS 102	Environmental Politics & Policy	3	
ENVS 103	Environmental Biology	3	
ENVS 103L	Environmental Biology Lab	1	
CHEM 101	General Chemistry	3	
CHEM 101L	General Chemistry Lab	1	
ENVS 202	Chemistry of the Environment	3	
ENVS 202L	Chemistry of the Environment Lab	1	
ENVS 110	Earth Systems	3	
ENVS 110L	Earth Systems Lab	1	
MATH 221	Applied Statistics	3	

One of the following:

3-4 Credits

MATH 148	Survey of Calculus	3	
MATH 157	Calculus	4	

One of the following course & lab sets:

5 Credits

PHYS 101	General Physics I	4	
PHYS 101L	General Physics I Lab	1	

OR

PHYS 103	Scientific Physics I	4	
PHYS 103L	Scientific Physics I Lab	1	

UPPER DIVISION

31 Credits

Course	Course Title	Credits	Grade
ENVS 320	Economics of Environmental Protection	3	
ENVS 358	Environmental Ethics	3	
ENVS 341	Environmental Science Seminar	1	
ENVS 384	GIS & Ecology Techniques	3	
ENVS 384L	GIS & Ecology Techniques Lab	1	
ENVS 497	Internship*	1	
ENVS 499A	Symposium in Environmental Studies I	1	
ENVS 499B	Symposium in Environmental Studies II	2	

Technical Electives:**

16 Credits

ENVS			
ENVS			
ENVS			
ENVS			
ENVS			

* **Only one (1) credit** of ENVS 497 Internship can be counted toward ENVS Majors.

** **Minimum of twelve (12) Technical elective credits** must be upper division courses (ENVS 401-440).