

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

UNIVERSITY CORE REQUIREMENTS: FUNDAMENTAL CORE COURSES

Year 1: Understanding & Creating

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

Year 2: Being & Becoming

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

Year 3: Caring & Doing

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

Year 4: Imagining the Possible

	Credits Sem/Yr
<i>Core Integration Seminar</i>	
Dept. 432	3

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

BROADENING COURSES - see approved list**

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

REQUIRED COURSE DESIGNATIONS - see approved list**

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

* 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).