

Degree Worksheet for the College of Arts and Sciences: 2023-2024

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

	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**

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

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

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

B.S. ENVIRONMENTAL SCIENCE: 63-64 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 110	Earth Systems	3	
	ENVS 110	Earth Systems Lab	1	
	ENVS 202	Applied Environmental Chemistry	3	
	ENVS 202L	Applied Environmental Chemistry 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 111	General Physics I	4	
	PHYS 111L	General Physics I Lab	1	
	OR			
	PHYS 121	Physics I	4	
	PHYS 121L	Physics I Lab	1	

UPPER DIVISION

31 Credits

	Course	Course Title	Credits	Grade
	ENVS 320	Economics of Environmental Protection	3	
	ENVS 341	Environmental Science Seminar	1	
	ENVS 358	Environmental Ethics	3	
	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: (ENVS 400-440, 490)

12 Credits

	ENVS			
	ENVS			
	ENVS			

General Electives: (ENVS 300-440, 490)

3 Credits

	ENVS			
	ENVS			

* Only one (1) credit of ENVS 497 Internship can be counted toward the Major. Students may take up to 4 credits of ENVS 497. Any remaining credits may be applied to student's total degree requirement of 128 credits.