

# Degree Worksheet for the College of Arts and Sciences: 2021-2022

## 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 &amp; 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 &amp; 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://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:

**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/ENVS 384L	GIS & Ecology Techniques/Lab	4	
ENVS	497	Internship*	1	
ENVS	499A	Symposium in Environmental Studies I	1	
ENVS	499B	Symposium in Environmental Studies II	2	

#### Technical Electives:\*\*

**16 Credits**

**Select from ENVS 300-399 or ENVS 497\*:**

ENVS		
ENVS		
ENVS		
ENVS		

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

\*\*Minimum of twelve (12) Technical elective credits must be upper division courses (300/400 level).