

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

## B.A. BIOLOGY

### 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

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.A. BIOLOGY:

**40 CREDITS**

#### LOWER DIVISION

**28 Credits**

Course	Course Title	Credit	Grade
BIOL	105 Info Flow in Biological Systems**	3	
BIOL	105L Info Flow Biological Systems Lab**	1	
BIOL	106 Energy Flow in Biological Systems	3	
BIOL	205 Physiology & Biodiversity	3	
BIOL	205L Physiology & Biodiversity Lab	1	
BIOL	206 Ecology	3	
BIOL	206L Ecology Lab	1	
BIOL	207 Genetics	3	
BIOL	207L Genetics Lab	1	
CHEM	101 General Chemistry	3	
CHEM	101L General Chemistry Lab	1	
CHEM	230 Organic Chemistry	4	
CHEM	230L Organic Chemistry Lab	1	

#### UPPER DIVISION\*

**12 Credits**

Course	Course Title	Credit	Grade
BIOL	399 Advanced Topics	2	
BIOL	495 Senior Evaluation	0	
BIOL	499 Senior Colloquium	1	

#### BIOL Upper Division Electives:

**9 Credits**

**( must be approved by an advisor in Biology)**

Course	Course Title	Credit	Grade
BIOL			
BIOL			
BIOL			

**\*\*BIOL 105/105L meets the Scientific Inquiry requirement of the University Core for Biology Majors & Minors.**

\*Students must earn a C- grade or better in BIOL 105/105L and BIOL 106 in order to take BIOL 205, 206, or 207. Students must also get a C- grade or better in BIOL 205/205L, BIOL 206/206L, BIOL 207/207L & BIOL 399 in order to take BIOL 499.

For upper division biology electives, a minimum of 10 credits (for B.S.), 6 credits (for B.A.), or 4 credits (for Minor) must be biology courses taken from Gonzaga faculty. Students that are participating in School for Field Studies programs or other study abroad programs should make note.

Credits from BIOL 497 Biology Internship, do not satisfy any requirements for the Biology Major or Minor.

**All courses should be chosen in consultation with a Biology faculty advisor.**