Degree Worksheet for the College of Arts and Sciences: 2020-2021

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

UNIVERSITY CORE REQUIREMENTS:

GUARDIAN CORE COURSES

LOWER DIVISION

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 105</td>
<td>Info Flow in Biological Systems**</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 105L</td>
<td>Info Flow Biological Systems Lab**</td>
<td>1</td>
</tr>
<tr>
<td>BIOL 106</td>
<td>Energy Flow in Biological Systems</td>
<td>3</td>
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<tr>
<td>BIOL 205</td>
<td>Physiology &amp; Biodiversity</td>
<td>3</td>
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<tr>
<td>BIOL 205L</td>
<td>Physiology &amp; Biodiversity Lab</td>
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<tr>
<td>BIOL 206</td>
<td>Ecology</td>
<td>3</td>
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<tr>
<td>BIOL 206L</td>
<td>Ecology Lab</td>
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</tr>
<tr>
<td>BIOL 207</td>
<td>Genetics</td>
<td>3</td>
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<tr>
<td>CHEM 101</td>
<td>General Chemistry</td>
<td>3</td>
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<tr>
<td>CHEM 101L</td>
<td>General Chemistry Lab</td>
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<tr>
<td>CHEM 230</td>
<td>Organic Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 230L</td>
<td>Organic Chemistry Lab</td>
<td>1</td>
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MATH

MATH (must be above Math 100)

BIOL or CHEM or PHYS 104/104L (taken year 1 or 2)

Year 2: Being & Becoming

Christianity & Catholic Traditions

RELI (see approved list)**

Philosophy of Human Nature

PHIL 201 Philosophy of Human Nature

Year 3: Caring & Doing

World/Comparative Religion

RELI (see approved list)** (fulfills 3cr Global Studies)*

Ethics

PHIL 301 Ethics or RELI 330 Principles-Christian Morality

Year 4: Imagining the Possible

Core Integration Seminar

Credits Sem/Yr

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

BROADENING COURSES - see approved list**

Social & Behavioral Science

Literature

History

Fine Arts & Design

REQUIRED COURSE DESIGNATIONS - see approved list**

*Writing Enriched

Social Justice

*Global Studies

**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.

**for list of approved RELI, Broadening & Designated courses, see: https://my.gonzaga.edu/academics/undergraduate-programs/general-degree-requirements-procedures/university-core