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:

FUNDAMENTAL CORE COURSES

Year 1: Understanding & Creating

Writing
ENGL 101 Writing (fulfills 3 credits Writing Enriched)*

Reasoning
PHIL 101 Reasoning

First Year Seminar
Dept. 193

Communication & Speech
COMM 100 Communication & Speech

Math
MATH (must be above Math 100)

Scientific Inquiry (2cr + 1cr lab)

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
Dept. 432

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

6 total

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

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

Degree Worksheet for the College of Arts and Sciences: 2019-2020
B.S. CHEMISTRY (ACS Approved option)

B.S. CHEMISTRY (ACS): 64-65 CREDITS

LOWER DIVISION

39 Credits

Course | Course Title | Credits |
--- | --- | --- |
CHEM 101 General Chemistry | 3 |
CHEM 101L General Chemistry Lab | 1 |
CHEM 205 Inorganic Chemistry | 3 |
CHEM 230 Organic Chemistry I | 4 |
CHEM 230L Organic Chemistry I Lab | 1 |
CHEM 231 Organic Chemistry II | 3 |
CHEM 231L Organic Chemistry II Lab | 1 |
CHEM 245 Biochemistry | 3 |
CHEM 245L Biochemistry Lab | 1 |
CHEM 270 Career Development I | 1 |
MATH 157 Calculus-Analytic Geometry I | 4 |
MATH 258 Calculus-Analytic Geometry II | 4 |
PHYS 103 Scientific Physics I | 4 |
PHYS 103L Scientific Physics I Lab | 1 |
PHYS 204 Scientific Physics II | 4 |
PHYS 204L Scientific Physics II Lab | 1 |

UPPER DIVISION

26 Credits

One of the following options:

CHEM 488 Senior Literature Review | 1 |

OR

CHEM 498A Thesis I | 1 |
CHEM 498B Thesis II | 1 |

CHEM 498A & 498B are required for ACS approved degree

One Course in CHEM 405-435 (Block 1)

Course | Course Title | Credits |
--- | --- | --- |
CHEM | | |

One Course in CHEM 455-480 (Block 2)

Course | Course Title | Credits |
--- | --- | --- |
CHEM | | |

Two Courses in CHEM 405-435 & 455-480 (Elective Block)

Course | Course Title | Credits |
--- | --- | --- |
CHEM | | |
CHEM | | |