# Degree Worksheet for the College of Arts and Sciences: 2023-2024 B.S. APPLIED MATHEMATICS with Physics Concentration 

## COLLEGE of ARTS \& SCIENCES <br> 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
B.S. APPLIED MATHEMATICS:

65 CREDITS with Physics Concentration

| APPLIED MATHEMATICS | 34 Credits |  |
| :---: | :---: | :---: |
| LOWER DIVISION | 18 Credits |  |
| Course Course Title | Credit | ts Grade |
| MATH 157 Calculus \& Analytic Geometry I | 4 |  |
| MATH 258 Calculus \& Analytic Geometry II | 4 |  |
| MATH 259 Calculus \& Analytic Geometry III | 4 |  |
| MATH 260 Ordinary Differential Equations | 3 |  |
| CPSC 121 Computer Science I | 3 |  |


| Year 1: Understanding \& Creating |  |
| :---: | :---: |
| Writing | Credits Sem/Y |
| 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/r |
| 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/Y |
| 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/ Y |
| Dept. 432 | 3 |

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

| $\square$ BROADENING COURSES - see approved list** |  |
| :--- | :---: |
| Social \& Behavioral Science | Credits Sem/पr |
| Literature | $\mathbf{3}$ |
| History | $\mathbf{3}$ |
| Fine Arts \& Design | $\mathbf{3}$ |

*WEQUIRED COURSE DESIGNATIONS - see approved list**

| Social Justice | 9 total $\square$ |
| :--- | :--- |
| *Global Studies | $\mathbf{3}$ total $\square$ |
| ${ }^{* *}$ for list of aproved REL Bral |  |
| $\mathbf{6}$ total $\square$ |  |

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

## Check for pre-requisites when selecting electives!

[^0]
[^0]:    MATH: Cannot use MATH 335, 339, 432, or 499 as MATH electives. A maximum of three (3) total credits from the following may be counted toward Math electives: MATH 365 (may be taken for credit only once), MATH 390, MATH 490, MATH 497.

