# Spring Arbor University
# Advising Guide

**NAME** **ID** **ADVISOR**

| MAJOR: PHYSICS-MATHEMATICS | | | 36 Hours |
|---|---|---|---|
| **Have** | **Need** | **Grade** | |
| 0 | 0 | | **Required Courses:** |
| 0 | 4 | | CPS 201 Foundations of Computing I |
| 0 | 4 | | CPS 202 Foundations of Computing II |
| 0 | 0 | # | PHY 211 Modern Univ Physics I |
| 0 | 4 | | PHY 212 Modern University Physics II |
| 0 | 0 | # | MAT 201 Calculus I |
| 0 | 4 | | MAT 202 Calculus II |
| 0 | 3 | | MAT 302 Vector Calculus |
| 0 | 3 | | MAT 311 Differential Equations |
| 0 | 0 | | |
| 0 | 8 | | **Choose 8 credits from the following:** |
| 0 | 0 | | PHY 311 Electromagnetism |
| 0 | 0 | | PHY 321 Intermediate Mechanics |
| 0 | 0 | | PHY 349 Electronics |
| 0 | 0 | | PHY 350 Intermediate Laboratory |
| 0 | 0 | | PHY 351 Heat & Thermodynamics |
| 0 | 0 | | PHY372 Atomic & Nuclear Physics |
| 0 | 0 | | |
| 0 | 6 | | **Choose 6 credits from the following:** |
| 0 | 0 | | MAT 232 Proof & Discrete Structures |
| 0 | 0 | | MAT 321 Abstract Algebra |
| 0 | 0 | | MAT 351 Statistics |
| 0 | 0 | | MAT 352 Linear Algebra |
| 0 | 0 | | MAT 363 Theory of Statistics I |
| 0 | 0 | | MAT 364 Theory of Statistics II |
| 0 | 36 | | **Total**<br>**# Met in GE** |

| CORE | | | |
|---|---|---|---|
| **Have** | **Need** | **Grade** | |
| 0 | 3 | | COR 100 Discovery in the Liberal Arts |
| 0 | 3 | | COR 200 Christian Faith |
| 0 | 1 | | COR 274 Cross Cultural Orientation |
| 0 | 3 | | COR 275 Cross Cultural Studies |
| 0 | 3 | | COR 300 The Christian Faith: It's Practices |
| 0 | 3 | | COR 400 The Christian-Contemporary World |
| 0 | 16 | | **Total** |
| **LIBERAL ARTS SKILLS** | | | |
| 0 | 3 | | ENG 104 College Writing* |
| 0 | 3 | | ENG 304 Writing and Research** |
| 0 | 2 | | HPR 101 Personal Fitness & Wellness |
| 0 | 2 | | SPE 100 Oral Comm *or* SPE 212 Fund.* |
| 0 | 10 | | **Total** |

* *A 2.0+ GPA is required in ENG 104 and SPE.*
** *ENG 304 is waived by successful completion of the junior writing proficiency.*

| LIBERAL ARTS PATHWAYS | | | |
|---|---|---|---|
| 0 | 2 | | ART 152, 162, 165, 204, 272, 321, or 322 |
| 0 | 2 | | MUS 152, 220 or MUS 230/240 (2 Semesters) |
| 0 | 3 | | ENG 112 World Literature |
| 0 | 4 | | PHY 211 Modern Univ Physics I |
| 0 | 4 | | MAT 201 Calculus I |
| 0 | 3 | | PHI 200 Intro to Phil *or* PHI 210 Worldviews |
| 0 | 3 | | BIB 217 Survey of the Old Testament |
| 0 | 3 | | BIB 218 Survey of the New Testament |
| 0 | 3 | | HIS 121 *or* 122 *or* 141 *or* 142 *or* 221 |
| 0 | 3 | | ECN *or* PSY *or* SOC |
| 0 | 30 | | **Total** |

** This requirement is fulfilled by a course taken in the major.*

## SUMMARY

**Date of Evaluation:** **Date of last revision:**

**Teacher Certification:** **No** ☒ **Elementary** ☐ **Secondary** ☐

**Anticipated Graduation Date :** **Combined GPA :**

**Transcripts evaluated :**

| | **Need** | | **Need** | | **Need** |
|---|---|---|---|---|---|
| CORE | 0 | Major | 0 | | |
| Comm | 0 | Support | 0 | | |
| LAR | 0 | Minor | 0 | | |
| Electives | 0 | Support | 0 | | |
| | | | | | |

**Transfer Hours** **0** **(max of 68 community college hrs)**

**SAU Hour s** **0**

**Total Hours Needed** **0** **(124 hours)**

**Upper Level Hours Completed** **(40 hours)**