Science Education: Physics Option

ASSOCIATE IN ARTS (AA)

2024 - 2025

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ **Faculty Advisor:** *Jamie Webb, Amanda Manning*

General Education (36 Hours)

Transfer track programs often require that you take specific general education courses in each general education area. Below are the general education requirements for your program. Consult with your Faculty Advisor if you have any questions.

Communications (6 credits)

- ☐ ENC1101 English Composition I●+* 3
- ☐ ENC1101C Enhanced English Comp. I●+* 4
- ☐ ENC1102 English Composition II+* 3
- ☐ _____

Humanities (9 credits)

One course each from Visual & Performing Arts, Philosophy/Religion, and Literature. At least one course must be a core course (●).

Humanities 1–Visual & Performing Arts

- ☐ ARH2000 Understanding Visual Arts● 3
- ☐ ARH2050 Art History I 3
- ☐ ARH2051 Art History II 3
- ☐ ARH2060 History of Architecture 3
- ☐ MUL2010 Understanding Music● 3
- ☐ MUL2110 Survey of Music Literature 3
- ☐ THE2000 Understanding Theater● 3
- ☐ THE2071 Survey of Film 3
- ☐ _____

Humanities 2–Philosophy/Religion

Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- ☐ PHH2060 Intro. to Classical Philosophy+* 3
- ☐ PHI2010 Intro. to Philosophy●+* 3
- ☐ PHI2600 Ethics+* 3
- ☐ PHI 2620 Environmental Ethics+* 3
- ☐ PHI2635 Biomedical Ethics+* 3
- ☐ REL2121 Intro. to Religion in America+* 3
- ☐ REL2300 Religions of the World+* 3
- ☐ REL2315 Eastern Religions+* 3
- ☐ SPN2200 Second Year–Spanish I+* 4
- ☐ _____

Humanities 3–Literature

Prerequisite ENC1102 with grade "C" or higher.

- ☐ AML2010 Amer. Lit. through the Civil War+* 3
- ☐ AML2020 Amer. Lit: Reconst.–Present+* 3
- ☐ AML2600 African-American Literature+* 3
- ☐ ENG2111 Literature and Film+* 3
- ☐ ENL2012 Eng. Lit. through the 18th Century+* 3
- ☐ ENL2022 Eng. Lit.: Romantics to Present+* 3
- ☐ LIT2000 Literature and Culture●+* 3
- ☐ LIT2040 World Drama+* 3
- ☐ LIT2090 Contemporary Literature+* 3
- ☐ LIT2110 World Lit.: Ancient–Renaissance+* 3
- ☐ LIT2120 World Lit.: Enlightenment–Present+* 3
- ☐ LIT2380 Women in Literature+* 3
- ☐ _____

Mathematics (6 credits)

Two courses from Mathematics. At least one course must be a core course (●). Students who successfully complete a mathematics course for which a core course option in mathematics is an immediate prerequisite shall be considered to have completed the mathematics core.

- ☐ MAC1114 Plane Trigonometry+* 3
- ☐ MAC1140 Pre-Calculus Algebra+* 3

Developmental Courses

- ☐ ENC0022 Dev. Writing I & II Combined* 3
- ☐ REA0019 Dev. Reading I & II Combined* 3
- ☐ MAT0012 Dev. Arithmetic with Algebra* 3

Natural Sciences (6 credits)

One course each from Physical Sciences and Biological Sciences. At least one course must be a core course (●).

Physical Sciences

- ☐ PHY2053 College Physics I● +* 3

Biological Sciences

See Major Electives

- ☐ BSC1005 General Biological Sciences● 3
- ☐ BSC2010 Biology for Science Majors I●+ 3

Social Sciences (9 credits)

One course each from Behavioral Sciences, History, and Government. At least one course must be a core course (●). History & Government: Students are expected to take one Global course and one U.S. course. See Civic Literacy requirement under Other AA Requirements.

Behavioral Sciences

- ☐ PSY2012 General Psychology● 3
- ☐ SYG2000 Principles of Sociology 3

History

Global

- ☐ EUH1000 Western Civilization I 3
- ☐ EUH1001 Western Civilization II 3

Government

U.S.

- ☐ POS2041 American Nat'l Government●@ 3

Other AA Requirements

☐ **General Education Core Requirement**
Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences

☐ **Civic Literacy Requirement (@)**
Successful completion of AMH 2020 OR POS 2041 AND passing score on civic literacy exam

☐ **Foreign Language Requirement**
Successful completion of 2 years of high-school-level foreign language or 2 semesters of college-level foreign language

Key

●= General Education Core course
+ = Prerequisite or co-requisite required
* = Minimum grade of "C" required
@ = Course meets Civic Literacy Requirement

Notes

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Major Electives

This transfer track is designed to prepare students for upper division studies in Earth/Space education. The completion of the four year program in science education will lead to Florida certification in high school science. Students may have additional requirements for admission to a teacher preparatory program. Please contact a GCSC advisor or the transfer institution for further guidance.

All education majors should be aware that state of Florida teacher certification requires a thorough background check by the Florida Department of Law Enforcement prior to students entering the classroom for observations. The college requires the submission of written verification of approved and completed background checks before students may complete on-site course requirements. Student observing in school systems must go to the district in which they will observe and comply with the requirements of that system. GCSC only has articulation agreements with Gulf, Franklin, and Bay county school districts for observation experiences. The student is responsible for all background check fees.

- ☐ EDF1005 Intro. to the Teaching Profession 3
- ☐ EEX2010 Intro. to Exceptional Learners 3
- ☐ EME2040 Intro. to Technology for Educators 3
- ☐ SPC1608 Introduction to Public Speaking 3
- ☐ PHY2053L College Physics I Lab+* 1
- ☐ PHY2054 College Physics II+* 3
- ☐ PHY2054L College Physics II Lab+* 1

Students must select one of the following two-semester sequences

Option 1

- ☐ BSC2010 Biology for Science Majors I●+* 3
- ☐ BSC2010L, Biology for Science Maj. I Lab+* 1
- ☐ BSC2011, Biology for Science Majors II+* 3
- ☐ BSC2011L, Biology for Science Maj. II Lab+* 1

(If students do not take the Option 1 sequence above, then they must take BSC1005 General Biological Science or an approved biology to meet the Biological Sciences requirement.)

Option 2

- ☐ CHM1045 General Chemistry●+* 3
- ☐ CHM1045L General Chemistry Lab+* 1
- ☐ CHM1046 Chemistry with Qual. ANanlysis+* 3
- ☐ CHM1046L Chemistry with Qual. Analysis Lab+* 1

Electives (0 - 2 hours) Courses not Used

- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____