



## Siena College & SCCC Curriculum Guideline for Physics Majors

### SCCC Mathematics and Science (A.S.) Transfer equivalency into Siena's Physics Major

<b>Program Requirements</b>	<b>Cr</b>	<b>Gr</b>	<b>Semester</b>	<b>Siena Equivalency</b>
CHM 121 General Chemistry I	4			CHEM 110 General Chemistry I
CHM 122 General Chemistry II	4			CHEM 120 General Chemistry II
ENG 123 College Composition	3			WRIT 100 Introduction to Writing, Liberal Arts elective
ENG 124 Literature and Writing	3			ENGL 010 Literary Perspectives, English Core requirement
FYS First Year Seminar	1			No credit awarded
MAT 180 Calculus I	4			MAT 180=MATH 110 Calculus I
MAT 181 Calculus II	4			MAT 181=MATH 120 Calculus II
PHY 221 College Physics I	4			PHY 221=PHYS 130 General Physics I
PHY 222 College Physics II	4			PHY 222=PHYS 140 General Physics II
CIS elective, CIS 121 or higher	3-4			CIS 129=CSIS 110 Introduction to Programming
Humanities elective	3			HIST 125, 127, 227 or 229=History core ART 128, 133, 135, MUS 121, 131, 257, DRA 123, 143, 150=Creative Arts core Foreign language courses will transfer in as a Liberal Arts elective.
Humanities elective	3			HIST 125, 127, 227 or 229=History core ART 128, 133, 135, MUS 121, 131, 257, DRA 123, 143, 150=Creative Arts core Foreign language courses will transfer in as a Liberal Arts elective.
Liberal Arts elective	3			PHI 143=PHIL 101, Philosophy core REL 121=RELG 181, Religious studies core
Mathematics elective- MAT 147 or higher	4			MAT 242=MATH 230
Mathematics elective- MAT 147 or higher	4			MAT 240=MATH 210 Calculus III
Math OR Lab Science elective	3-4			PHY 223=PHYS 220
Math OR Lab Science elective	3-4			PHY 224=PHYS 260
Restricted elective	3-5			ENV 100=ENVA 100-Core Science ENV 203=BIOL 225/ENVA 250-Franciscan Concern Nature credit GHY 121=PHYS 010
Social Science elective	3			Any General Education Social Science requirement

				will transfer in as Social Science requirement core
Social Science elective	3			Any additional General Education Social Science requirement will transfer in as a Liberal Arts elective or First Year Seminar credit
Minimum credits	64			

This outline can be used for those transferring into Siena's Physics major from Schenectady County Community College only.

Points to keep in mind:

- Students that graduate from SCCC with an A.S. degree in Mathematics and Science, will enter Siena's Physics with Junior status. Junior status is classified as having 54 or more transferable credits at Siena. Please note that a grade of C or better must be obtained in order for the SCCC class to transfer to Siena. Students will need to complete the admissions application process and adhere to the admissions standards and guidelines set forth in the Siena College catalog.
- Any 300-level course must be taken at Siena or another four-year institution.
- Half of your major must be completed at Siena College.
- Students transferring with 24 or more credits are not required to complete Siena's First Year Seminar (6 credits), however, check with Siena admissions for acceptable substitutions.
- Students are required to complete four Franciscan Concern courses, however substitutions for these courses can be taken at SCCC (for a list of acceptable substitutions please visit the SCCC Curriculum Guideline section on the Siena Transfer Admissions website).
- Additional coursework may qualify, at the discretion of the Assistant Dean.