



Siena College & SCCC Curriculum Guideline for Physics Majors

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

Program Requirements	Cr	Gr	Semester	Siena Equivalency
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
Mathematics elective- MAT 180 suggested	4			MAT 180=MATH 110 Calculus I
Mathematics elective- MAT 181 suggested	4			MAT 181=MATH 120 Calculus II
Science elective-PHY 223 suggested	4			PHY 223=PHYS 220
Science elective-PHY 224 suggested	4			PHY 224=PHYS 260
CIS elective, CIS 129 is suggested				CIS 129=CSIS 110 Introduction to Programming
Restricted elective	3-5			MAT 242=MATH 230 CIS 130=CSIS 120
Restricted elective	3-5			MAT 244=MATH 325
PHY Sequence-PHY 153 or 154 (both courses meet Physics requirement for major)	4			PHY 153=PHYS 110 General Physics IA PHY 154=PHYS 120 General Physics IIA
PHY Sequence-PHY 221 or 222 (both courses meet Physics requirement for major)	4			PHY 221=PHYS 120 General Physics IIA PHY 222=PHYS 140 General Physics II
Liberal Arts elective, MAT 240 suggested	3-4			MAT 240=MATH 210 Calculus III
Liberal Arts elective	3-4			Please see choices in Humanities Section below
Humanities elective-see choices to the right	3			ART 128, 133, 135, MUS 121, 131, 257, DRA 123, 143, 150=Creative Arts Core PHI 143=PHIL 101, Philosophy core REL 121=RELG 181, Religious studies core HIST 125, 127, 227 or 229=History core LIT 211, 214, 220, 221, 260 will transfer in as First

				Year Seminar credit or Franciscan Concern Diversity or Heritage
Humanities elective	3			ART 128, 133, 135, MUS 121, 131, 257, DRA 123, 143, 150=Creative Arts Core PHI 143= PHIL 101, Philosophy core REL 121=RELG 181, Religious studies core HIST 125, 127, 227 or 229=History core LIT 211, 214, 220, 221, 260 will transfer in as First Year Seminar credit or Franciscan Concern Diversity or Heritage
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	62			

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 Science, will enter Siena's Physics major 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.