



## Siena College & ACC Curriculum Guideline

### AS Engineering Science-Transfer equivalency into Siena's Chemistry, Computer Science, or Physics Major

<u>AS Liberal Arts</u>	<u>Cr</u>	<u>Gr</u>	<u>Semester</u>	<u>Siena Equivalency</u>
Freshman Experience HRD 100, 100A, HRD 110	1-4			No credit awarded
ENG 101 Intro to College Writing	3			WRIT 100, Introduction to Writing, Liberal Arts elective
Basic Communication-choose one: ENG 102-110, ENG 108 suggested	3			ENG 108=ENGL 010 Literary Perspectives, English Core requirement All other ENG classes will transfer in as a Liberal Arts elective
CHM 111	4			CHM 111=CHEM 110
EGR 105	4			EGR 105=PHYS 130
EGR 106	4			EGR 106=Science elective
EGR 204	4			EGR 204=PHYS 140
MAT 131	4			MAT 131=MATH 110
MAT 132	4			MAT 132=MATH 120
Health and Wellness-PED and AVS classes will not transfer, recommended choices are to the right	2			BIO 114=Core Natural Science BIO 115=Franciscan Concern Diversity HED 103=Franciscan Concern Nature SCI 161=Core Natural Science
Humanities electives- HUM 180, 190, ART, ASL, MUS, PHI, SPH, THR, Foreign Language	3			HUM 180/190=Creative Arts core requirement (choose only one ART, MUS or THR) ART 101, 102, 104, 106, 111, 112, MUS 101, 121, THR 101, 105=Creative Arts Core requirement PHI 201=Core Philosophy requirement PHI 204=Core Religious Studies requirement PHI 202=Franciscan Concern Social Justice credit SPH=Liberal Arts elective Foreign Language=Liberal Arts elective
SUNY Gen Ed Social Science choose from: ANT 101, 103, 105, ECO 201, 202, HED 103, PSC 101, 102, 103, PSY 101, SOC 101	3			HED 103=Franciscan Concern Natural World All other classes will transfer in as Social Science Core requirement.
MAT 231	4			MAT 231=MATH 210
MAT 232	4			MAT 232=MATH 325
15-18 Core Electives: Choose 1 concentration				

Chemical Engineering Concentration (matches with Chemistry major)				
CHM 112	4			CHM 112=CHEM 120
CHM 203	4			CHM 203=CHEM 210
CHM 204	4			CHM 204=CHEM 220
3-4 Core Elective by Advisement	3-4			Talk to Admissions advisor for additional course suggestions
3-4 Core Elective by Advisement	3-4			Talk to Admissions advisor for additional course suggestions
Electrical Engineering Concentration (matches with Physics or Computer Science major)				
EGR 183				Science elective
CIS 143	3			CIS 143=CSIS 110
CIS 144	3			Computer Science elective
EGR 223				Science elective
3-4 Core Elective by Advisement	3-4			Talk to Admissions advisor for additional course suggestions
Mechanical/Civil Engineering Concentration (matches with Physics major)				
EGR 207	3			Science elective
EGR 209	3			Science elective
3-4 Core Elective by Advisement	3-4			Talk to Admissions advisor for additional course suggestions
3-4 Core Elective by Advisement	3-4			Talk to Admissions advisor for additional course suggestions
3-4 Core Elective by Advisement	3-4			Talk to Admissions advisor for additional course suggestions
Computer Engineering Concentration (matches with Computer Science major)				
EGR 183	3			Science elective
CIS 143	3			CIS 143=CSIS 110
CIS 144	3			Computer Science elective
3-4 Core Elective by Advisement	3-4			Talk to Admissions advisor for additional course suggestions
CIS 243 or EGR 223	4			CIS 243=CSIS Special Topics course EGR 223=Science elective

Minimum credits	66			
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This outline can be used for those transferring into Siena's Chemistry, Computer Science, or Physics major from SUNY Adirondack only.

Points to keep in mind:

- Grades of C or better will transfer.
- 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 SUNY Adirondack (for a list of acceptable substitutions please visit the SUNY Adirondack Curriculum Guideline section on the Siena Transfer Admissions website.
- Additional coursework may qualify, at the discretion of the Assistant Dean.