

GLOUCESTER COUNTY COLLEGE
ARTS AND SCIENCES DIVISION
 GRADUATION CONTROL SHEET

Chemistry
Associate in Science (A.S.) - Transfer

This curriculum provides two years of concentrated study in science for those who plan to pursue a baccalaureate degree in chemistry. Humanities and social science electives are incorporated to provide a broad educational experience. Students are advised to plan their course selection based on the requirements of the vocation or curriculum of the four-year college of their choice.

FIRST YEAR - Fall Semester

			<u>Credits</u>
___	COM 101	English Composition I	3
___	CHM 111	General Chemistry I	4
___	BIO 101	General Biology I	4
___	MAT 107	Pre-Calculus and Math Analysis*	4
			15

Spring Semester

___	COM 102	English Composition II	3
___	CHM 112	General Chemistry II	4
___	BIO 102	General Biology II	4
___	MAT 108	Calculus I*	4
___	HPE ___	Physical Education elective	1-3
			16-18

SECOND YEAR - Fall Semester

___	CHM 201	Organic Chemistry I	4
___	PHY 103	General Physics I	4
___	PHY 201	Physics with Calculus I	4
___	___	Social Science elective	3
___	___	Humanities elective	3
___	CSC 101	Introduction to Programming	4
___	CSC 111	Intermediate Programming	4
			18

Spring Semester

___	CHM 202	Organic Chemistry II	4
___	PHY 104	General Physics II	4
___	PHY 202	Physics with Calculus II	4
___	___	Social Science elective	3
___	___	Humanities elective	3
___	___	General Education elective	3-4
			17-18

TOTAL MINIMUM CREDITS: 66

* MAT 108 and MAT 122 or MAT 122 and MAT 221 may be substituted.