

SUNY SCHENECTADY
CURRICULUM WORKSHEET

PROGRAM: SCIENCE (A.S.)

HEGIS # 5649

Program Code # 96

Program Entry Date:

Student Name:

Former College(s) Attended:

ID Number:

PROGRAM REQUIREMENTS	CR	SUNY GENERAL EDUCATION CATEGORY	SATISFIES LIBERAL ARTS AND SCIENCES
CHM 121 General Chemistry I	4	Natural Sciences and Scientific Reasoning	Yes
CHM 122 General Chemistry II	4	Natural Sciences and Scientific Reasoning	Yes
ENG 123 College Composition	3	Communication: Written and Oral; Information Literacy	Yes
ENG 124 Literature and Writing	3	Humanities; Critical Thinking and Reasoning	Yes
FYS 100 First Year Seminar	1		
MAT 147 Statistics	3	Mathematics and Quantitative Reasoning	Yes
MAT 180 Calculus I	4	Mathematics and Quantitative Reasoning	Yes
MAT 167 Precalculus with Analytic Geometry OR MAT 181 Calculus II	4	Mathematics and Quantitative Reasoning	Yes
PHY Elective (d)	4	Natural Science -Scientific Reasoning	Yes
PHY Elective (d)	4	Natural Science -Scientific Reasoning	Yes
CIS Restricted Elective (a)	3-4		
Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3	Diversity: Equity, Inclusion, and Social Justice	
MAT OR Science Elective (b or c)	3-4		
Lab Science Elective (e)	4-5		
Lab Science Elective (e)	4-5		
PSY 121 Introduction to Psychology	3	Social Sciences	Yes
World Languages or The Arts SUNY General Education Elective	3	World Languages OR The Arts	
Critical Thinking and Reasoning SUNY General Education Elective	3		Yes
Minimum Credit Hours	60		
		Total Gen. Ed. Credits 42	Total Number of Liberal Arts and Sciences Credit: 39
		Total # of Gen. Ed. Categories 7	

Additional Comments: Please refer to the footnotes on the reverse side.

Reviewed by _____

Date _____

Science
ASSOCIATES IN SCIENCE

Fall Semester		FIRST YEAR		Spring Semester		
		CR			CR	
CHM	121	General Chemistry 1	4	CHM 122	General Chemistry II	4
ENG	123	College Composition	3	ENG 124	Literature and Writing	3
FYS	100	First Year Seminar	1	MAT or 167	Precalculus with Analytic Geometry or Calculus I	4
MAT	147	Statistics	3	180	World Languages OR The Arts SUNY General Education Elective	3
		CIS Restricted Elective (a)	3-4			14
		Diversity: Equity, Inclusion, and Social Justice SUNY General Education Elective	3			
			<u>17-18</u>			

Fall Semester		SECOND YEAR		Spring Semester		
		CR			CR	
		Physics Elective (d)	4		Physics Elective (d)	4
MAT		Calculus I or Calculus II	4	PSY 121	Introduction to Psychology	3
		MAT OR Science Elective (b or c)	3-4		Lab Science Elective (e)	4-5
		Lab Science Elective (e)	<u>4-5</u>		Critical Thinking and Reasoning SUNY General Education Elective	3
			15-18			<u>14-15</u>

Minimum Credit Hours required for degree: **60**

NOTES:

- (a) CIS Restricted Elective: CIS 121 or higher.
- (b) Math General Education Electives: MAT 147, MAT 181, MAT 242. MAT 210.
- (c) Science electives: AST 123, AST 125, AST 127, BIO 154, BIO 263, CHM 115, ENV 100 with or without ENV 105, GEO 145, NMT 150, PHY 106.
- (d) Physics Electives: Either Physics Sequence - PHY 153 and PHY 154 OR PHY 221 and PHY 222.
- (e) Lab Science electives: BIO 141-142, BIO 203, BIO 241, BIO 261, BIO 262 with BIO 264, BIO 273-274, CHM 228-229