

SUNY SCHENECTADY

CURRICULUM WORKSHEET

PROGRAM: **Liberal Arts & Sciences: Mathematics and Science Nanoscale Science Concentration A.S.**

HEGIS # 5649

SCCC Program Code # 78N

Program Entry Date:

Student Name:

Former College(s) Attended:

ID Number:

PROGRAM REQUIREMENTS			CR	GRADE	IN PROGRESS - GE COMPLETE	SUNY GENERAL ED COMPLIANCE POSSIBILITIES – REFER TO TABLE IN ADVISEMENT MANUAL FOR SPECIFIC COURSES-AA? AS?
CHM	121	General Chemistry I	4			Gen Ed Natural Science
CHM	122	General Chemistry II	4			
ENG	123	College Composition	3			Gen Ed Basic Comm.
ENG	124	Literature and Writing	3			Gen Ed Humanities
FYS	100	First Year Seminar	1			
MAT	180	Calculus I	4			Gen Ed Mathematics
MAT	181	Calculus II	4			Gen Ed Mathematics
MAT	222	Differential Equations	3			
MAT	240	Calculus III	4			
NENG	201	Intro to Nano Engineering Design & Manufacturing	3			Cross-Registration at SUNY Poly
NENG	203	Intro to Nano Engineering Electronics(a)	3			Cross-Registration at SUNY Poly
NMT	150	Introduction to Materials Science	3			
NMT	152	Introduction to Nanoscale Materials	3			
PHY	221	College Physics I	4			Gen Ed Natural Science
PHY	222	College Physics II	4			
PHY	223	College Physics III	4			
		General Education Foreign Language	3			Gen Ed Foreign Language
		General Education American History, Western Civilization, or Other World Civilizations	3			Gen Ed Amer His., West. Civ. Or Other World Civ
		General Education Social Science	3			Gen Ed Social Science
		Minimum Credit Hours	63			

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

NOTE: A Gen Ed area which appears in italics with an asterisk indicates it can be completed by taking a course in any of the spots where it appears.

Reviewed by _____
Date _____

**Liberal Arts & Sciences: Mathematics and Science Nanoscale Science Concentration
ASSOCIATE IN SCIENCE**

FIRST YEAR

Fall Semester	CR	Spring Semester	CR
CHM 121 General Chemistry I	4	CHM 122 General Chemistry II	4
FYS 100 First Year Seminar	1	MAT 181 Calculus II	4
MAT 180 Calculus I	4	NMT 152 Introduction to Nanoscale Materials	3
PHY 221 College Physics I	4	PHY 222 College Physics II	4
NMT 150 Introduction to Materials Science	3		
	<u>16</u>		<u>15</u>

SECOND YEAR

Fall Semester	CR	Spring Semester	CR
ENG 123 English Composition	3	ENG 124 English Literature	3
MAT 240 Calculus II	4	MAT 222 Differential Equations Intro to Nanoscale Engineering	3
PHY 223 College Physics III	4	NENG 202 Design and Manufacturing (a)	3
General Education Language	3	General Education History, Western Civ or Other World Civilizations	3
NENG 203 Intro to Naneng. Electronics (a)	3	General Education Social Science	3
	<u>17</u>		<u>15</u>

Minimum Credit Hours required for degree: 63

NOTES:

- (a) These courses are cross-registered with Albany College of Nanoscale Science and Engineering, where classes will take place. Students must maintain a GPA of 3.3/4.0 to enroll.