


2014-2015

 <p>STATE UNIVERSITY OF NEW YORK</p>	AS Engineering Science – Industrial Engineering Track HEGIS Code 5609
	Degree Requirements Total Credits Required (67)

Name _____ ID # _____ Date _____

BASIC COMMUNICATION (6 credits required)		MATHEMATICS (16 credits required)	
ENG 101	(3 cr) _____	MAT 203	(4 cr) _____
SPE 101	(3 cr) _____	MAT 204	(4 cr) _____
		MAT 205	(4 cr) _____
		MAT 206	(4 cr) _____

NATURAL SCIENCE (12 credits required)		HUMANITIES (3 credits required)	
CHM 101	(4 cr) _____	ENG 102	(3 cr) _____
PHY 105	(4 cr) _____		
PHY 106	(4 cr) _____		

PLURALISM AND DIVERSITY (3 credits required)	
PDA 101	(3 cr) _____


GENERAL EDUCATION ELECTIVE (6 credits required)	
Select one course from two of the following Gen Ed categories: Art, American History, Foreign Language, Other Worlds or Western Civilization	(3 cr) _____ (3 cr) _____

Engineering Science (21 credits required)			
CSP 141	(4 cr) _____	ENR 206	(4 cr) _____
ENR 105	(3 cr) _____	CHM 102	(4 cr) _____
ENR 106	(3 cr) _____		
ENR 203	(3 cr) _____		

TOTAL CREDITS: 67

(SEE REVERSE FOR A SUGGESTED FOUR-SEMESTER SEQUENCE)

2014-2015

 <p>STATE UNIVERSITY OF NEW YORK</p>	AS Engineering Science – Industrial Engineering Track HEGIS Code 5609
	Suggested 4-Semester Course Sequence Total Credits Required (67)

Name _____ ID # _____ Date _____

FIRST SEMESTER		SECOND SEMESTER	
SUGGESTED COURSE	CREDITS	SUGGESTED COURSE	CREDITS
ENG 101 English Composition I	3	ENG 102 English Composition II	3
CHM 101 Inorganic Chemistry I	4	CHM 102 Inorganic Chemistry II	4
ENR 105 Intro to Engineering	3	ENR 106 Intro to Engineering Graphics	3
MAT 203 Calculus I	4	MAT 204 Calculus II	4
General Education course from one of the following categories: Art, American History, Foreign Language	3	PHY 105 Engineering Physics I	4
TOTAL	17	TOTAL	18
THIRD SEMESTER		FOURTH SEMESTER	
CSP 141 Intro to Programming in C++	4	General Education course from one of the following categories: Other Worlds or Western Civilization	3
MAT 205 Calculus III	4	ENR 206 Electric Circuits	4
PHY 106 Engineering Physics II	4	MAT 206 Differential Equations	4
ENR 203 Engineering Statics	3	SPE 101 Fundamentals of Speech	3
		PDA 101 Pluralism and Diversity in America	3
TOTAL	15	TOTAL	17

ADVISOR NAME _____ EXT. _____ DATE: _____

(SEE REVERSE FOR DEGREE REQUIREMENTS)