

Associate of Science

A.S. Nanotechnology

NANOTECHNOLOGY CURRICULUM WORKSHEET Department of Natural and Applied Sciences Associate of Science 2010-2011 AY											
NAME:					ADVISOR:						
EMAIL:					ENTERED:						
PHONE:					ANT. GRADUATION:						
					DATE LAST UPDATED:						
GENERAL EDUCATION					MAJOR COURSES						
COURSE NUMBER	COURSE NAME	CR	Sem	Grade	COURSE NUMBER	COURSE NAME	CR	Sem	Grade		
I. CORE REQUIREMENTS					REQUIRED COURSES (37 credits)						
<u>Essential Skills (15 credits)</u>					SCH 111	General Chemistry I	4				
HEN 112	English I	3			SCH 112	General Chemistry II	4				
HEN 113	English II	3			SPY 211	Physics I	4				
HEN 114	Speech	3			SPY 212	Physics II	4				
EDU110	Intro. Interp. & Analysis	3			NFT 211	Material Handling Safety	3				
HPH110	Critical Thinking	3			NFT 212	Basic Nanofab. Process	3				
<u>Mathematics (3 credits)</u>					NFT 213	Thin Film Utilization in Nanofab.	3				
MAT ____	Survey of College Math (or higher)	3			NFT 214	Lithograph in Nanofab.	3				
<u>African-American Experience (3 credits)</u>					NFT 215	Material Modification in Nanofab.	3				
AAS210	A-A Experience in a Global Context	3			NFT 216	Characterization in Nanofab.	3				
<u>Freshmen Experience (2 credits)</u>					MAT 205	Elementary Statistics	3				
GAC 101	Freshmen Seminar I	1			Total Major Credits		37				
<u>Health & Wellnes (1 credit)</u>					TOTAL CREDITS FOR GRADUATION						
REC	Physical Education	1					60				
TOTAL CREDITS IN GENERAL EDUCATION					NON-CREDIT DEVELOPMENTAL COURSES:						
		23			ERE 001	Reading & Study Skills					
†This course may have one or more prerequisites that students must display proficiency in or satisfy through successful completion of the pre-requisite course(s).					HEN 011	Elements of Writing					
					MAT 001	Basic Math					
					MAT 002	Elementary Algebra					
					††PASSESHE Policy 1990-06-A holds that 48 credits of the total 120 must be upper level courses.						

Minors in the School of Arts and Sciences

The following minors are available to students at Cheyney University.