

STUDENT NAME: _____

STUDENT I.D.: _____

ADVISOR: _____

YEAR ENROLLED: _____

COURSE TITLE	COURSE NUMBER	Cr. Hrs	Grade	Sem. & Yr.	COURSE TITLE	COURSE NUMBER	Cr. Hrs	Grade	Sem. & Yr.	
PHYSICS-REQUIREMENTS (35 Hours)					ENGLISH REQUIREMENTS (9 Hours)					
General Physics Lecture	PHYS 221	3			English Composition I	ENGL 110	3			
General Physics Lecture	PHYS 222	3			English Composition II	ENGL 111	3			
General Physics Lab	PHYS 223	1			World Literature	ENGL 201	3			
General Physics Lab	PHYS 224	1			Intro. To African American Literature ³	ENGL 203	3			
Modern Physics	PHYS 271	3			Introduction to Fiction	ENGL204	3			
Mathematical Physics	PHYS 311	3			Introduction to Drama	ENGL 205	3			
Experimental Physics I	PHYS 341	3								
Experimental Physics II	PHYS 342	3			HISTORY SEQUENCE (6 Hours)					
Thermodynamics	PHYS 345	3			History of Civilization I	HIST 114	3			
Advanced Math Physics	PHYS 411	3			History of Civilization II	HIST 115	3			
Advanced Mechanics	PHYS 416	3			HUMANITIES ELECTIVES (3 Hours)					
Electromagnetic Theory I	PHYS 425	3			Introduction to Logic	PHIL 210	3			
Quantum Physics I	PHYS 435	3			Introduction to Philosophy	PHIL 200	3			
PHYSICS - ELECTIVES (9 Hours)					Humanities I: Three Arts	HUMN 241	3			
Discovery in Physics	PHYS 145	3			Humanities II: Three Arts in History	HUMN 242	3			
Programming in Physics ¹	PHYS 200	3			Race Relations ³	HUMN 366	3			
Earth Science I	PHYS 201	4			FINE ARTS ELECTIVE (3 Hours)					
Earth Science II	PHYS 202	4			Understanding the Arts	ARTS 200	3			
Intro. to Astronomy	PHYS 206	4			Enjoyment of Music	MUSC 200	3			
Electronics for Scientists	PHYS 262	3			History of Jazz ³	MUSC 353	3			
Radiation Physics I	PHYS 281	3			SOCIAL SCIENCE ELECTIVES (6 Hours)					
Radiation Physics II	PHYS 282	3			Economics	ECON 205	3			
The Physics of Waves	PHYS 332	3			Cultural Geography	GEOG 210	3			
Computational Physics ²	PHYS 400	3			Principles of Geography	GEOG 221	3			
Physics & Technology of Energy	PHYS 405	3			American Government	POLS 200	3			
Advance Mechanics II	PHYS 417	3			General Psychology	PSYC 210	3			
Electromagnetic Theory II	PHYS 426	3			Introduction to Sociology	SOCL 210	3			
Quantum Physics II	PHYS 436	3			FOREIGN LANGUAGE SEQUENCE (6 Hours)					
Astrophysics	PHYS 462	3			Foreign Language I	_____ 100	3			
Solid State Physics	PHYS 472	3			Foreign Language II	_____ 101	3			
Special Problems in Physics	PHYS 491	1			HEALTH AND PHYSICAL EDUCATION (2 HOURS)					
Special Problems in Physics	PHYS 492	2			Health	HLTH 210	2			
Special Problems in Physics	PHYS 493	3			Physical Education Elective I		1			
Special Problems in Physics	PHYS 494	3			Physical Education Elective II		1			
MATHEMATICS - REQUIRED (18 Hours)					FREE ELECTIVES (9 Hours)					
Calculus I	MATH 264	4			CMPS 140 or Higher ¹	CMPS _____	3			
Calculus II	MATH 265	4			Technical Writing	ENGL 362	3			
Statistics – Sci. & Eng.	MATH 276	3			Free Elective					
Calculus III	MATH 364	4			Free Elective					
One Math elective ⁴		3			Free Elective					
SCIENCE ELECTIVES – REQUIRED (12 Hours)					OTHER REQUIREMENTS					
General Chemistry Lecture	CHEM 132	3			Date Completed					
General Chemistry Lab	CHEM 112	1			Method					
General Chemistry Lecture	CHEM 133	3			Dept. Comprehensive Examination				Examination	
General Chemistry Lab	CHEM 113	1			Writing Proficiency				Examination	
General Biology	BIOL 104	3			Computer Literacy ¹				Course or Examination	
General Biology	BIOL 106	1			African American Experience ³				Course	
FRESHMAN SEMINAR (2 Hours)					Community Service (60 Clock Hours)					Registered Volunteer
Freshman Seminar I	FRMN 110	1								
Freshman Seminar II	FRMN 111	1								

¹Physics 200 satisfies the requirement for computer literacy. If used in that manner, it is no longer counted as a physics free elective.

Computer literacy may also be established by examination or a passing grade of "C or higher" in CMPS 140 or higher.

²Recommended physics Elective to be taken at the same time as PHYS 311.

³Satisfies African American Experience requirement (3 Hours).

⁴200 level or above, as required by the Board of Regents.

Approved by: _____
Chair, Department of Math., Phys., and SMED

F. Miller, Jr.
Dean, College of Sciences and Agriculture

9/18/2014
Date