

## 2010-2012 Physics Degree Plan

### Bachelor of Arts

**Need 51 Upper Division Hours to Graduate**

<b>STUDENT NAME:</b>						
<b>STUDENT ID:</b>						
Course Title	Course Name	HR	UTD	Grade	Transfer	
<b>Core Curriculum 44 Hours (41 Lower Division, 3 Upper Division)</b>						
Freshman Seminar	UNIV 1010	0				
Rhetoric (Composition II)	RHET 1302	3				
Advanced Writing/Senior Honors	NATS 4310 <sup>1</sup>	3				
US & Texas History	HIST 1301	3				
US & Texas History	HIST 1302	3				
US/TX Government	GOVT 2301	3				
US/TX Government	GOVT 2302	3				
Humanities***		3				
Visual & Performing Arts***		3				
Social & Behavioral Science***		3				
Calculus I or Differential Cal	MATH 2417 or MATH 2413	4				
Calculus II or Integral Cal	MATH 2419 or MATH 2414	4				
Chemistry I	CHEM 1311	3				
Chemistry Lab I	CHEM 1111	1				
Chemistry II	CHEM 1312	3				
Chemistry Lab II	CHEM 1112	1				
<b>Major Core Courses (20 Lower Division Hours)</b>						
Fun of Physics	PHYS 1100	1				
Multivariable Cal or Cal of Several Var.	MATH 2451 or MATH 2415	4				
Differential Equations	MATH 2420	4				
Contemporary Physics	PHYS 2303	3				
Mechanics	PHYS 2325 or PHYS 2421	3				
Mechanics Lab	PHYS 2125	1				
Electromagnetism & Waves	PHYS 2326 or PHYS 2422	3				
Electromagnetism & Waves Lab	PHYS 2126	1				

<b>PREPARED BY:</b>						
<b>DATE:</b>						
Course Title	Course Name	HR	UTD	Grade	Transfer	
<b>Physics Core Classes 41 Upper Division Hours</b>						
Theoretical Physics	PHYS 3411	4				
Classical Mechanics	PHYS 3312	3				
Numerical Methods	PHYS 3330	3				
Modern Physics I	PHYS 3352	3				
Electricity & Magnetism	PHYS 3416	4				
Electronics	PHYS 3325	3				
Electronics Lab	PHYS 3125	1				
Thermo & Statistical Mechanics	PHYS 4311	3				
Physical Measurements Lab	PHYS 4373	3				
<b>Science Electives 15 hrs</b>						
<b>Advanced Electives - 6 Hrs (Upper Div. or Lower Div. w/ prereqs.) Outside of Major</b>						
<b>Free Electives 9 hrs (UD electives can be used to satisfy 51 UD requirement)</b>						

<sup>1</sup> The Advanced Writing requirement may be satisfied by taking either NATS 4310, PHYS 4390, or PHYS 4399.