Physics Department

Curriculum Map

	Courses																				
Learning Objectives	TBL Mechanics (181)	TBL Electricity & Magnetism (182)	First Year Colloquium (185/186)	Computational (281)	Math Methods (282)	Modern (284+286)	Thermodynamics & Waves (287+289)	Physics Education (390T)	Writing (381)	Adv. Mechanics (421)	Adv. Electricity & Magnetism (422)	Statistical Mechanics (423)	Quantum Mechanics (424)	iLab (EI course) (440)	Electronics (531)	Optics (533)	Particles (556)	Solid State (558)	General Relativity (568)	Independent Study (various)	Teaching Assistant (various)
1: Physics Knowledge	1	1	2	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1
2: Experimental Problem Solving	2	2	2			2	2							1	1	1				1	1
3: Analytical and Computational Problem Solving	1	1		1	1	1	1			1	1	1	1	2	2	2	1	1	1	1	1
4: Communication	1	1	1					1	1					1		1				1	1
#5: Prepared for Future Career	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				1	1
Experiential Goals																					
Research Experience														2	1	1				1	
Teaching Experience								1												1	1
Team Building	1	1	1					1						1		1				1	1
Career Development			1	1				1	1					1	1	1				1	1

Primary Emphasis = 1

Secondary Emphasis = 2