Physics Checksheet - Traditional

REQUIRED COURSES Completed Credits Non Physics Requirements CHM 111 General Chemistry II PHY 102 General Physics II PHY 201 Modern Physics PHY 314 Quantum Mechanics PHY 315 Electricity and Magnetism PHY 316L Classical Mechanics PHY 463 Investigations in Physics Internship, Teaching Apprenticeship, Research Experience The credits chosen in consultation with your advisor CCST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level EGR 200, 300 or 400 level EGR 200, 300 or 400 level MAT 300 or 400 level MAT 300 or 400 level MAT 300 or 400 level	i nysies Checksheet - 11 authonai	STU ID
PHY 101 General Physics I PHY 102 General Physics II PHY 201 Modern Physics PHY 314 Quantum Mechanics PHY 315 Electricity and Magnetism PHY 316L Classical Mechanics PHY 463 Investigations in Physics Internship, Teaching Apprenticeship, Research Experience Tedits chosen in consultation with your advisor CST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level EGR 200, 300 or 400 level MAT 315 Differential Equations	STUDENT	
PHY 102 General Physics II PHY 201 Modern Physics PHY 314 Quantum Mechanics PHY 315 Electricity and Magnetism PHY 316L Classical Mechanics PHY 463 Investigations in Physics Internship, Teaching Apprenticeship, Research Experience 7+ credits chosen in consultation with your advisor CST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level MAT 217 Programming Concepts OR CST 295 C++ Programming MAT 212 Calculus III MAT 213 Calculus III MAT 214 Calculus of Vector Fields MAT 243 Linear Algebra MAT 315 Differential Equations	REQUIRED COURSES Completed Credits	Non Physics Requirements
PHY 201 Modern Physics PHY 314 Quantum Mechanics PHY 315 Electricity and Magnetism PHY 316L Classical Mechanics PHY 463 Investigations in Physics Internship, Teaching Apprenticeship, Research Experience Tedits chosen in consultation with your advisor CST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level MAT 217 Trogramming MAT 212 Calculus III MAT 213 Calculus III MAT 214 Calculus of Vector Fields MAT 243 Linear Algebra MAT 315 Differential Equations	PHY 101 General Physics I	CHM 111 General Chemistry II
PHY 201 Modern Physics PHY 314 Quantum Mechanics PHY 315 Electricity and Magnetism PHY 316L Classical Mechanics PHY 463 Investigations in Physics Internship, Teaching Apprenticeship, Research Experience The redits chosen in consultation with your advisor CST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level MAT 212 Calculus III MAT 213 Calculus III MAT 214 Calculus of Vector Fields MAT 243 Linear Algebra MAT 315 Differential Equations	PHY 102 General Physics II	
PHY 315 Electricity and Magnetism PHY 316L Classical Mechanics PHY 463 Investigations in Physics Internship, Teaching Apprenticeship, Research Experience The credits chosen in consultation with your advisor CST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level MAT 213 Calculus III MAT 214 Calculus of Vector Fields MAT 243 Linear Algebra MAT 315 Differential Equations	PHY 201 Modern Physics	CST 295 C++ Programming
PHY 315 Electricity and Magnetism PHY 316L Classical Mechanics MAT 214 Calculus of Vector Fields MAT 243 Linear Algebra	PHY 314 Quantum Mechanics	MAT 212 Calculus II
PHY 316L Classical Mechanics PHY 463 Investigations in Physics Internship, Teaching Apprenticeship, Research Experience T+ credits chosen in consultation with your advisor CST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level MAT 315 Differential Equations	PHY 315 Electricity and Magnetism	MAT 213 Calculus III
Internship, Teaching Apprenticeship, Research Experience ——————————————————————————————————	PHY 316L Classical Mechanics	MAT 214 Calculus of Vector Fields
Internship, Teaching Apprenticeship, Research Experience ——————————————————————————————————	PHY 463 Investigations in Physics	MAT 243 Linear Algebra
CST 200, 300 or 400 level EDU/SPE 300 or 400 level EGR 200, 300 or 400 level MAT 300 or 400 level		MAT 315 Differential Equations
EDU/SPE 300 or 400 level EGR 200, 300 or 400 level MAT 300 or 400 level	7+ credits chosen in consultation with your advisor	
EGR 200, 300 or 400 level MAT 300 or 400 level	CST 200, 300 or 400 level	
MAT 300 or 400 level		