COMP 250 MATH 248 PHYS 251 PHYS 257 MATH 240 Intro to Hon. Advanced Hon. Classical Experimental Discrete Computer Calculus Mechanics 1 Methods 1 Structures Science Coreq. PHYS 251 Prereq. MATH 133 Prereq. MATH 133 Prereq. PHYS 131 and MATH 222 and MATH 222 **MATH 325 PHYS 241 PHYS 258 MATH 247 MATH 249** Hon. ODEs Hon. Applied Hon. Complex Signal Processing Experimental Linear Algebra Variables Methods 2 Prereq. MATH 222 Prereq. PHYS 142 Prereq. PHYS 257 Prereq. MATH 133 Prereq. MATH 248 **COMP 206 COMP 350 PHYS 253 PHYS 350 PHYS 357** Thermal Physics Hon. Electricity Intro to Software Numerical Hon. Quantum and Magnetism Systems Computing Physics 1 Prereq. MATH 222, Prereq. PHYS 131, MATH 247 and Prereq. COMP 250 MATH 222 and Prereq. MATH 248 Prereq. MATH 247 **COMP 250 CHEM 120** and MATH 325 and PHYS 251 **PHYS 362 COMP 252 PHYS 457 COMP 273** Intro to Hon. Algorithms Statistical Hon. Quantum Mechanics Physics 2 Computer and Data

Systems

Prereq. COMP 206

Structures Prereq. COMP 250 and MATH 240

Prereq. MATH 248 and PHYS 253

2 courses selected from:

COMP 303: Software Design **COMP 310:** Operating Systems COMP 330: Theory of Computation

COMP 362: Hon. Algorithm Design or any 400- or 500-level COMP course

COMP 302

Programming Languages and Paradigms

Prereq. COMP 250

PHYS 352

Hon. Electromagnetic Waves

Prereq. PHYS 350

2 courses selected from:

PHYS 404 Climate Physics PHYS 434 Optics MATH 323: Probability

Prereq. PHYS 357

PHYS 479

Hon. Research Project or

COMP 400

Project in Computer Science

PHYS 351: Hon. Classical Mech 2 PHYS 359: Advanced Physics Lab 1 PHYS 432: Fluids

MATH 340: Discrete Math or any 500-level PHYS course,

or any 400- or 500-level COMP course