

College of Science and Mathematics

Department: Physics

Major Program: Bachelor of Science in Physics: Computing Option

Minor Program:

Certificate Program:

Current	Hours	New	Hours
I. General Education Required Substitutions: MTH 229 and 230 PHY 240/200, 242/202, 244/204 Area VI: Choose one AFS 200, ATH 241, ATH 242, HST 220, HST 221, PHL 200, FIN 205, EH 205, PSY 110	40	I. General Education Required Substitutions: MTH 229 and 230 PHY 240/200, 242/202, 244/204 Area VI: Choose one AFS 200, ATH 241, ATH 242, HST 220, HST 221, PHL 200, FIN 205, EH 205, PSY 110, SM205	40
II. Departmental Core Requirements PHY 240/200, 242/202, 244/204 PHY 260, 371, 372 PHY 315, 316, 322 PHY 420, 450, 451, 452, 460, 461, 462 PHY 494 or PHY499	16 10 10 25 6	II. Departmental Core Requirements PHY 240/200, 242/202, 244/204 PHY 260, 371, 372 PHY 315, 316, 322 PHY 420, 450, 451, 452, 460, 461, 462 PHY 494 or PHY499	16 10 10 25 6
III. Related Course Requirements MTH 229, 230, 231, 232, 233, 253 MTH 332, 333 CHM 121, 122, 123 EGR 153 or equivalent	28 6 15 4	III. Related Course Requirements MTH 229, 230, 231, 232, 233, and 253 or 255 MTH 332, 333 CHM 121, 122, 123 EGR 153 or equivalent	28 6 15 4
IV. Electives	3	IV. Electives	3
V. Computing Option Requirements CS 240, 241, 242 MTH 257 CS 400 CS 316, 317	12 4 3 8	V. Computing Option Requirements CS 240, 241, 242 MTH 257 CS 400 CS 316, 317	12 4 3 8
Total	190	Total	190

Notes: 1. Students who wish to learn about microprocessors may choose to take further courses in computer engineering, such as CEG 260, 320, and 360. For these students, CEG 430 and 431 may be taken in place of CS 316 and 317