Bachelor of Arts in Education, Physics/Secondary

Name_________________________ Expected Graduation Date________________

Graduate and Undergraduate Current Catalog

**Degree Course Requirements**
Bachelor of Arts in Education, Physics/Secondary
Physics Major (required courses) – 69 credits
Professional Education Requirements/Secondary Education: 46-47 credits
See the Department of Education. (Prerequisites may also apply)
This major satisfies the endorsement for grades 5-12
This major requires completion of a minor.

- ✓ PHYS 151 General Physics I (4)
  *Concurrent enrollment in MATH 161
- ✓ PHYS 152 General Physics II (4)
  *Concurrent enrollment in MATH 162 and completion of PHYS 151
- ✓ PHYS 153 General Physics III (4)
  *Concurrent enrollment in MATH 163 and completion of PHYS 152
- ✓ PHYS 161 Mechanics Lab (1)
- ✓ PHYS 162 Heat and Optics (1)
- ✓ PHYS 163 Instrumentation Lab I (1)
- ✓ PHYS 164 Instrumentation Lab II (1)
- ✓ PHYS 221 General Physics IV (4)
  *Prerequisite: PHYS 153
- ✓ PHYS 371 Introduction to Quantum Physics (4)
  *Prerequisites: PHYS 153 and MATH 163
- ✓ PHYS 390 Physics Teaching Methods (1)
  *Prerequisite: MATH 163
- ✓ SCED 390 Secondary Science Teaching Methods (1)
- ✓ CHEM 151 General Chemistry** (5)
- ✓ CHEM 152 General Chemistry** (5)
- ✓ MATH 161 Calculus I** (5)
- ✓ MATH 162 Calculus II** (5)
- ✓ MATH 163 Calculus III** (5)

**ELECTIVES (18 Credits)**
Choose 18 credits from any 300/400 level Physics courses, except PHYS 421 or PHYS 497.
**See specific department or Graduate & Undergraduate catalog to find prerequisites for these classes.