|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **General Sciences:  Physics** | | | | | | | | |
| **Arkansas State University - Jonesboro** | | | | | | | | |
| **Degree:  Bachelor of Science in Education** | | | | | | | | |
| **Major:  General Sciences     Emphasis:  Physics** | | | | | | | | |
| **2020-2021** | | | | | | | | |
| Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters.  Developmental courses do not count toward total degree hours.  Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions.   In most cases, general education courses may be interchanged between semesters.    A minimum of 45 hours of upper division credit (3000-4000 level) is required for this degree.  Mandatory state and institutional assessment exams will be required during your degree program.  Failure to participate in required assessments may delay graduation. | | | | | | | | |
| **Year 1** | | | |  | **Year 1** | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| **PHYS 1003** | First Year Experience for Chemistry & Physics | **3** |  |  | **ENG 1013** | Composition II | **3** | X |
| **MATH 2204** | Calculus I | **4** | X |  | **CS 2114** | Structured Programming I | **4** |  |
| **ENG 1003** | Composition I | **3** | X |  | **PHYS 2044** | University Physics II | **4** |  |
| **PHYS 2034** | University Physics I | **4** | X |  | **MATH 2214** | Calculus II | **4** |  |
| **elective** | elective | **1** |  |  |  |  |  |  |
| **Total Hours** |  | **15** |  |  | **Total Hours** |  | **15** |  |
| **Year 2** | | | |  | **Year 2** | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| **MATH 3254** | Calculus III | **4** |  |  | **Gen Educ** | General education required course | **3** | x |
| **CHEM 1013** | Chemistry I | **3** |  |  | **SCOM 1203** | Oral Communication | **3** | X |
| **CHEM 1011** | Chemistry I Lab | **1** |  |  | **MATH 4403** | Differential Equations | **3** |  |
| **PHYS 3153** | Mechanics | **3** |  |  | **CHEM 1023** | Chemistry II | **3** |  |
| **SCED 2513** | Introduction to Secondary Teaching | **3** |  |  | **CHEM 1021** | Chemistry II Lab | **1** |  |
|  |  |  |  |  | **elective** |  | **3** |  |
| **Total Hours** |  | **14** |  |  | **Total Hours** |  | **16** |  |
| **Year 3** | | | |  | **Year 3** | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| **HIST 2763 OR 2773** | US history to to 1876 or US History since 1876 | **3** | X |  | **POSC 2103** | Intro to US Government | **3** | X |
| **POSC 2103** | Introduction to Psychology | **3** | X |  | **PHYS 3203** | Electromagnetic Theory | **3** |  |
| **SCED 3515** | Performance Based Inst. Design | **5** |  |  | **HLTH 2513** | Principles of Personal Health | **3** |  |
| **elective** |  | **3** |  |  | **ELSE 3643** | Exceptional Student in the Regular Classroom | **3** |  |
| **PHYS 3303** | Modern Physics | **3** |  |  | **BIO or BIOL** | Biology general education lecture requirement | **3** | X |
|  |  |  |  |  | **BIO or BIOL** | Biology general education laboratory requirement | **1** | X |
| **Total Hours** |  | **17** |  |  | **Total Hours** |  | **16** |  |
| **Year 4** | | | |  | **Year 4** | | | |
| **Fall Semester** | | | |  | **Spring Semester** | | | |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| **Gen Educ** | General education required course | **3** | x |  | **TIPH 4826** | Teaching Internship in the Secondary School | **12** |  |
| **EDSC 4593** | Methods & Materials in the Secondary School | **3** |  |  |  |  |  |  |
| **SCED 4713** | Educational Measurement with Computer App. | **3** |  |  |  |  |  |  |
| **PSY 3703** | Educational Psychology | **3** |  |  |  |  |  |  |
| **elective** |  | **3** |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
| **Total Hours** |  | **15** |  |  | **Total Hours** |  | **12** |  |
|  | | | | | | | | |
| **Total Jr/Sr Hours** | | **51** |  |  | **Total Degree Hours** | | **120** |  |
|  |  |  |  |  |  |  |  |  |
| **Graduation Requirements:** | | | | | | | | |
| Completion of HIST 2763 or HIST 2773 or POSC 2103 | | | | | | | | |
| English Proficiency (Grade of C or better in ENG 1003 and ENG 1013) | | | | | | | | |
| 2.50 GPA in Major | | | | | | | | |
| 2.50 GPA at ASU | | | | | | | | |
| 2.50 GPA Overall | | | | | | | | |
| Maximum of 31 credit hours via correspondence/extension/examination//PLA/Military/CLEP (30 hrs) or similar means | | | | | | | | |
| 45 JR/SR Hours after completing 30 hours | | | | | | | | |
| 120 Total Credit Hours | | | | | | | | |
| 18 of last 24 hours must be ASU-Jonesboro courses | | | | | | | | |
| Minimum of 57 hours from 4-year institutions | | | | | | | | |
| 32 Resident Hours if completing second degree | | | | | | | | |

[Up one level](http://registrar.astate.edu/Directory.htm) | [Home](http://www.astate.edu/) | [Degrees Offered](http://www.astate.edu/sections/academicsandresearch/degreeprograms/) | [Registrar](http://registrar.astate.edu/index.html) | [Bulletin](http://registrar.astate.edu/bulletin.htm)