

Physics B.A. Suggested Plan of Study

27 ACT 600 SAT

First Year

| Fall | Hours | Spring | Hours | |
|------------------------------------|--------------|---|--------------|----|
| ARSC 120 | 1 | ARSC 220 | 1 | |
| ECAS Fine Arts Requirement (GEF 6) | 3 | MATH 154 | 4 | |
| PHYS 199 | 1 | CHEM 116 (GEF 8) | 4 | |
| MATH 153 (GEF 3) | 4 | Foreign Language 102 | 3 | |
| CHEM 115 (GEF 2) | 4 | ECAS Global & Diversity Requirement (GEF 7) | 3 | |
| Foreign Language 101 | 3 | | | |
| | 16 | | 15 | 31 |

Second Year

| Fall | Hours | Spring | Hours | |
|----------------------|--------------|----------------------|--------------|----|
| UTCH 221 (GFE 4) | 3 | UTCH 222 | 3 | |
| PHYS 111 (GEF 8) | 4 | PHYS 112 | 4 | |
| MATH 156 (GEF 8) | 4 | Foreign Language 204 | 3 | |
| Foreign Language 203 | 3 | MATH 251 | 4 | |
| General Elective | 1 | General Elective | 1 | |
| | 15 | | 15 | 30 |

Third Year

| Fall | Hours | Spring | Hours | |
|-----------------------------------|--------------|-----------------------|--------------|----|
| MATH 376* | 3 | PHYS 376 | 3 | |
| MATH 318 (GEF 5; Math Elective 1) | 3 | ENGL 102 (GEF 1) | 3 | |
| ENGL 101 (GEF 1) | 3 | PHYS 314 | 4 | |
| PHYS 490 (PHYS Elective 1) | 3 | PHYS 211 | 3 | |
| General Elective | 3 | C&I 432/CHEM Elective | 3 | |
| | 15 | | 16 | 31 |

Fourth Year

| Fall | Hours | Spring | Hours | |
|------------------|--------------|---------------|--------------|----|
| UTCH 420 | 3 | UTCH 430 | 10 | |
| PHYS Elective 2 | 3 | PHYS 496 | 3 | |
| PHYS Elective 3 | 3 | | | |
| General Elective | 3 | | | |
| General Elective | 3 | | | |
| | 15 | | 13 | 28 |

Total credit hours required: 120. CHEM/MATH/PHYS 490 are good electives for future teachers. Three hours of the electives need to be physics credits, and for WVUteach students a good PHYS Elective is PHYS 490.

*Students who wish to prepare for CHEM as a second certification area instead of MATH can replace the two additional mathematics courses with two chemistry courses chosen with advisor permission.