

**EAST CENTRAL UNIVERSITY
PHYSICS - B.S.
TEACHER CERTIFICATION CONCENTRATION
0351/UG07**

Name _____

Advisor _____

Student's Name _____ S.S.N. _____ - _____ - _____ ID No. _____

DEGREE CHECK WILL INCLUDE CURRENT ENROLLMENT

| | | |
|---|--|--|
| Checked by _____ Date _____ | Work in progress _____ | Work lacking: |
| Required: | 2.0 minimum required in the following areas: | Major _____ (inc A/C and Related Work) |
| 124 total hours _____ completed | ECU Avg _____ Rtn Avg _____ | Minor _____ (incl Rel Wk) |
| 30 hrs @ ECU _____ completed | Major Overall Avg _____ | Prof Educ _____ |
| (15 of last 30 must be at ECU) _____ | Major ECU Avg _____ | General Educ _____ |
| 60 hrs @ Sr College _____ completed | Minor Overall Avg _____ | Comp Prof _____ met _____ not met |
| 40 hrs upper level _____ completed | Minor ECU Avg _____ | Serv Lrng _____ met _____ not met |
| HS Curricular Req _____ met _____ not met | | |

| <u>REQUIREMENTS</u> | <u>HOURS</u> | <u>REQUIREMENTS</u> | <u>HOURS</u> |
|---|--------------|--|--------------|
| I. General Education (45 HOURS) | | C. Required Related Work Electives | 7 |
| <i>17 hours (BIOL 1214 or 1314, CHEM 1114, COMM 1113, MATH 1513, and PSYCH 1113) counted in the Major</i> | | Seven hours chemistry electives | |
| <i>Demonstrate novice high competency in a foreign language or complete a Foreign Language or American Sign Language course with a C or higher.</i> | | _____ | |
| Other hours needed | 28 | _____ | |
| II. Major in Physics-Teacher Certification | 30 | IV. Minor | |
| A. Required in the Physics-Teacher Certification | 27 | Professional Education is used as the minor and no other minor is required. | |
| ___ B/C/P 4113 Methods of Tchg Biol and Phys Sci | | V. Professional Education | 30 |
| ___ PHYS 1314 Astronomy | | ___ EDUC 2402 Survey of Excep Child | |
| ___ PHYS 2115 Engineering Physics I | | ___ PSYCH 3463 Child and Adolescent Psych | |
| ___ PHYS 2225 Engineering Physics II | | ___ EDUC 2012 Foundations of Educ | |
| ___ PHYS 3013 Modern Physics | | ___ EDUC 2211 Field Experience I | |
| ___ PHYS 3113 Mechanics I | | ___ EDPSY 3513 Educ Psych | |
| ___ PHYS 3411 Junior Physics Laboratory | | ___ EDUC 3001 Field Experience II | |
| ___ PHYS 4113 Electricity and Magnetism - Field Theory | | ___ EDUC 4043 Strat for Effective Tchg | |
| B. Required Physics Electives | 3 | ___ EDUC 4611 Field Experience III | |
| ___ Three hours physics electives _____ | | ___ EDUC 4632 Education Technology | |
| (Not PHYS 3222 or 4222) | | ___ EDUC 4262 Student Teaching Seminar | |
| III. Related Work | 45 | ___ EDUC 4975 Sup Student Tchng Secondary School | |
| A. Required General Education | 17 | ___ EDUC 4975 Sup Student Tchng Secondary School | |
| ___ BIOL 1214 General Botany OR | | VI. Total Hours Required | 133 |
| ___ BIOL 1314 General Zoology | | VII. Special Requirements | |
| ___ CHEM 1114 General Chemistry I | | The OSRHE computer proficiency graduation requirement will be met through the completion of the courses EDUC 4611 Field Experience III and EDUC 4632 Education Technology (including equated or substituted courses), both of which are required courses in the professional education sequence. | |
| ___ COMM 1113 Fundamentals of Speech | | Students beginning at East Central University in the fall 2007 semester or later who have earned less than sixty-four semester hours are required to take two classes with designated service-learning component. Student transferring to ECU for the first time in the fall 2007 semester or later with sixty-four or more semester hours will be required to take one class with a service-learning component. | |
| ___ MATH 1513 College Algebra | | | |
| ___ PSYCH 1113 General Psychology | | | |
| B. Required Related Work | 21 | | |
| ___ CHEM 1214 General Chemistry II | | | |
| ___ GEOG 1214 Earth Science | | | |
| ___ MATH 1713 Trigonometry | | | |
| ___ MATH 2825 Calculus & Analytic Geometry I | | | |
| ___ MATH 3025 Calculus & Analytic Geometry II | | | |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ |