

**EAST CENTRAL UNIVERSITY  
PHYSICS - B.S.  
TEACHER CERTIFICATION CONCENTRATION  
0351/UG20**

Advisor \_\_\_\_\_

Student's Name \_\_\_\_\_ ID No. \_\_\_\_\_

**DEGREE CHECK INCLUDES CURRENT ENROLLMENT**

Checked by \_\_\_\_\_ Date \_\_\_\_\_  
 Required:  
 124 total hours \_\_\_\_\_ completed  
 30 hrs @ ECU \_\_\_\_\_ completed  
 (15 of last 30 must be at ECU) \_\_\_\_\_  
 60 hrs @ Sr College \_\_\_\_\_ completed  
 40 hrs upper level \_\_\_\_\_ completed  
 HS Curricular Req \_\_\_ met \_\_\_ not met

Work in progress \_\_\_\_\_  
 2.0 minimum required in the following  
 areas:  
 ECU Avg \_\_\_\_\_ Rtn Avg \_\_\_\_\_  
 Major Overall Avg \_\_\_\_\_  
 Major ECU Avg \_\_\_\_\_  
 Minor Overall Avg \_\_\_\_\_

Work lacking:  
 Major \_\_\_\_\_ (inc A/C and Related Work)  
 Minor \_\_\_\_\_ (incl Rel Wk)  
 Prof Educ \_\_\_\_\_  
 General Educ \_\_\_\_\_  
 Comp Prof \_\_\_ met \_\_\_ not met

<u>REQUIREMENTS</u>	<u>HOURS</u>	<u>REQUIREMENTS</u>	<u>HOURS</u>
<b>I. General Education (44 HOURS)</b> 17 hours (BIOL 1214 or 1314, CHEM 1114, COMM 1113, MATH 1513, and PSYCH 1113) counted in the Major  Demonstrate novice high competency in a foreign language or complete a Foreign Language or American Sign Language course with a C or higher.  Other hours needed <span style="float: right;">27</span>		<b>C. Required Related Work Electives</b> <span style="float: right;">7</span> Seven hours chemistry electives  _____ _____ _____	
<b>II. Major in Physics</b> <span style="float: right;">30</span> <b>A. Required in the Physics Core</b> <span style="float: right;">15</span> _____ PHYS 2115 Engineering Physics I _____ PHYS 2225 Engineering Physics II _____ PHYS 3013 Modern Physics _____ PHYS 3412 Junior Physics Laboratory  <b>B. Required for Concentration in Teacher Certification</b> <span style="float: right;">13</span> _____ B/C/P 4113 Meth Tchng Biol and PhySc _____ PHYS 1314 Astronomy _____ PHYS 3113 Mechanics I _____ PHYS 4113 Electricity & Magnetism-Field Theory  <b>C. Required Electives</b> <span style="float: right;">2</span> _____ Two hours physics electives _____ (Not PHYS 3222 or 4222)		<b>IV. Minor</b> Professional Education is used as the minor and no other minor is required.  <b>V. Professional Education</b> <span style="float: right;">30</span> _____ EDUC 2402 Survey of Excep Child _____ PSYCH 3463 Child and Adolescent Psych _____ EDUC 2012 Diversity in American Education _____ EDUC 2631 Foundations of Educ Technology _____ EDUC 2211 Field Experience I _____ EDPSY 3513 Educ Psych _____ EDUC 3001 Field Experience II _____ EDUC 4042 Strat for Effective Tchng _____ EDUC 4611 Field Experience III _____ EDUC 4632 Education Technology Integration Strategies _____ EDUC 4262 Student Teaching Seminar I _____ EDUC 4282 Student Teaching Seminar II _____ EDUC 4974 Sup Student Tchng Secondary School _____ EDUC 4974 Sup Student Tchng Secondary School	
<b>III. Related Work</b> <span style="float: right;">39-45</span> <b>A. Required General Education</b> <span style="float: right;">14-17</span> _____ BIOL 1114 General Biology _____ CHEM 1114 General Chemistry I _____ COMM 1113 Fundamentals of Human Comm _____ MATH 1513 College Algebra _____ PSYCH 1113 General Psychology  <b>B. Required Related Work</b> <span style="float: right;">18-21</span> _____ CHEM 1214 General Chemistry II _____ GEOG 1214 Earth Science _____ MATH 1713 Trigonometry _____ MATH 2825 Calculus & Analytic Geometry I _____ MATH 3025 Calculus & Analytic Geometry II		<b>VI. Total Hours Required</b> <span style="float: right;">126-132</span>  <b>VII. Special Requirements</b> With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.  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.	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____