

**EAST CENTRAL UNIVERSITY
PHYSICS - B.S.
TEACHER CERTIFICATION CONCENTRATION
0351/UG19**

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>
I. General Education (44 HOURS) 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 27		C. Required Related Work Electives 7 Seven hours chemistry electives _____ _____ _____	
II. Major in Physics 30 A. Required in the Physics Core 15 _____ PHYS 2115 Engineering Physics I _____ PHYS 2225 Engineering Physics II _____ PHYS 3013 Modern Physics _____ PHYS 3412 Junior Physics Laboratory B. Required for Concentration in Teacher Certification 13 _____ B/C/P 4113 Meth Tchng Biol and PhySc _____ PHYS 1314 Astronomy _____ PHYS 3113 Mechanics I _____ PHYS 4113 Electricity & Magnetism-Field Theory C. Required Electives 2 _____ Two hours physics electives _____ (Not PHYS 3222 or 4222)		IV. Minor Professional Education is used as the minor and no other minor is required. V. Professional Education _____ EDUC 2402 Survey of Excep Child 30 _____ PSYCH 3463 Child and Adolescent Psych _____ EDUC 2012 Foundations of Educ _____ 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	
III. Related Work 39-45 A. Required General Education 14-17 _____ BIOL 1114 General Biology _____ CHEM 1114 General Chemistry I _____ COMM 1113 Fundamentals of Human Comm _____ MATH 1513 College Algebra _____ PSYCH 1113 General Psychology B. Required Related Work 18-21 _____ CHEM 1214 General Chemistry II _____ GEOG 1214 Earth Science _____ MATH 1713 Trigonometry _____ MATH 2825 Calculus & Analytic Geometry I _____ MATH 3025 Calculus & Analytic Geometry II		VI. Total Hours Required 126-132 VII. Special Requirements 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.	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____