EAST CENTRAL UNIVERSITY
PHYSICS - B.S.
MEDICAL PHYSICS CONCENTRATION
0353/UG19

Advisor _____

Student's Name_____ ID No. _____

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

Checked by _____ Date _____   Work in progress_____

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

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

REQUIREMENTS	HOURS

I. General Education (44 HOURS)

17 hours (BIOL 1114, CHEM 1114, CMPSC 1113, COMM 2253, and MATH 1513) counted in the Major

Other hours needed **27**

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 Medical Physics 15

__ PHYS 3222 Medical Physics

__ PHYS 3713 Thermodynamics

__ PHYS 4222 Xray & Nuclear Physics Lab

__ PHYS 4313 Introduction to Nuclear Physics

Five hours Physics electives (3000-4000 level)

__ _____

__ _____

III. Related Work **55-61**

A. Required General Education 14-17

__ BIOL 1114 General Biology

__ CHEM 1114 General Chemistry I

__ CMPSC 1113 Computer Programming I

__ COMM 2253 Communication in the Workplace

__ MATH 1513 College Algebra

B. Required Related Work 41-44

__ BIOL 2184 Human Anatomy

__ BIOL 3634 Human Physiology

__ CHEM 1214 General Chemistry II

__ CHEM 3114 Organic Chemistry I

__ ENG 3183 Technical & Professional Writing

__ MATH 1713 Trigonometry

__ MATH 2825 Calculus & Analytic Geometry I

__ MATH 3025 Calculus & Analytic Geometry II

__ MATH 3033 Calculus & Analytic Geometry III

__ MATH 4113 Differential Equations

Select one of the following:

__ BIOL 2113 Medical Terminology

__ EHS 2413 Radiologic Health

Select one of the following:

__ MATH 3513 Mathematical Statistics

__ MATH 3583 Applied Statistics

__ SOC 3833 Statistics for Social Sciences

IV. Minor (Not Required)

V. Electives **6-12**

VI. Total Hours Required **124**

VII. Special Requirements

"Teachers" or "methods" courses may not be counted in major.

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 completion of CMPSC 1113 (including equated or substituted courses), or testing out of the challenge exam for this course, OR successful completion of an associate of arts or associate of science degree at an Oklahoma two-year college in which the computer skills requirement was met. Satisfaction of this requirement may not reduce or remove any program requirements.