

EAST CENTRAL UNIVERSITY

PHYSICS - B.S.
 MEDICAL PHYSICS CONCENTRATION
 0353/UG14-UG15

Advisor _____

Student's Name _____ ID No. _____

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

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

REQUIREMENTS**HOURS****REQUIREMENTS****HOURS****I. General Education (45 HOURS)**

17 hours (BIOL 1314, CHEM 1114, CMPSC 1113, COMM 2253, and MATH 1513) counted in the Major

Other hours needed **28**

II. Major in Medical Physics**30**

____ PHYS 2115 Engineering Physics I
 ____ PHYS 2225 Engineering Physics II
 ____ PHYS 3013 Modern Physics
 ____ PHYS 3222 Medical Physics
 ____ PHYS 3411 Junior Physics Laboratory
 ____ PHYS 3713 Thermodynamics
 ____ PHYS 4222 Xray & Nuclear Physics Lab
 ____ PHYS 4313 Introduction to Nuclear Physics
 Six hours Physics electives (3000-4000)

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 3513 Mathematical Statistics
 ____ MATH 4113 Differential Equations

Select one of the following:

____ BIOL 2113 Medical Terminology
 ____ EHS 2413 Radiologic Health

IV. Minor (Not Required)**V. Electives****5-11****VI. Total Hours Required****124****III. Related Work****55-61****A. Required General Education**

14-17

____ BIOL 1314 General Zoology
 ____ CHEM 1114 General Chemistry I
 ____ CMPSC 1113 Computer Programming I
 ____ COMM 2253 Communication in the Workplace
 ____ MATH 1513 College Algebra

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.

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. Students 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.