

EAST CENTRAL UNIVERSITY

PHYSICS - B.S.
MEDICAL PHYSICS CONCENTRATION
0353/UG07

Advisor _____

Name

Student's Name _____ S.S.N. _____ - _____ - _____ 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 _____

Minor ECU Avg _____

Work lacking:

Major _____ (inc A/C and Related Work)

Minor _____ (incl Rel Wk)

Prof Educ _____

General Educ _____

Comp Prof _____ met _____ not met

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

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:
- ___ EHS 2413 Radiologic Health
 - ___ HIM 2113 Medical Terminology

IV. Minor (Not Required)

V. Electives

5

VI. Total Hours Required

124

III. Related Work

61

A. Required General Education

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.

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. 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.