

**EAST CENTRAL UNIVERSITY  
PHYSICS - B.S.  
MEDICAL PHYSICS CONCENTRATION  
0353/UG22**

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>		<b>B. Required Related Work</b>	41-44
<i>17 hours (BIOL 1114, CHEM 1114, CMPSC 1113, COMM 2253, and MATH 1513) counted in the Major</i>		___ BIOL 2184 Human Anatomy	
Other hours needed	27	___ BIOL 3634 Human Physiology	
		___ CHEM 1214 General Chemistry II	
		___ CHEM 3114 Organic Chemistry I	
		___ ENG 3183 Technical & Professional Writing	
		___ MATH 1713 Trigonometry	
<b>II. Major in Physics</b>	3	___ MATH 2825 Calculus & Analytic Geometry I	
<b>A. Required in the Physics Core</b>	15	___ MATH 3025 Calculus & Analytic Geometry II	
___ PHYS 2115 Engineering Physics I		___ MATH 3033 Calculus & Analytic Geometry III	
___ PHYS 2225 Engineering Physics II		___ MATH 4113 Differential Equations	
___ PHYS 3013 Modern Physics		Select one of the following:	
___ PHYS 3412 Junior Physics Laboratory		___ BIOL 2113 Medical Terminology	
<b>B. Required for Concentration in Medical Physics</b>	15	___ EHS 2413 Radiologic Health	
___ PHYS 3222 Medical Physics		Select one of the following:	
___ PHYS 3713 Thermodynamics		___ MATH 3513 Mathematical Statistics	
___ PHYS 4222 Xray & Nuclear Physics Lab		___ MATH 3583 Applied Statistics	
___ PHYS 4313 Introduction to Nuclear Physics		___ SOC 3833 Statistics for Social Sciences	
Five hours Physics electives (3000-4000 level)			
		<b>IV. Minor (Not Required)</b>	
		<b>V. Electives</b>	6-12
<b>III. Related Work</b>	55-61	<b>VI. Total Hours Required</b>	124
<b>A. Required General Education</b>	14-17	<b>VII. Special Requirements</b>	
___ BIOL 1114 General Biology		"Teachers" or "methods" courses may not be counted in major.	
___ CHEM 1114 General Chemistry I		With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.	
___ CMPSC 1113 Computer Programming I		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.	
___ COMM 2253 Communication in the Workplace			
___ MATH 1513 College Algebra			