

EAST CENTRAL UNIVERSITY

COMPUTER SCIENCE - B.S.
0510/UG14

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 _____
 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

- I. General Education (45 HOURS)**
6 hours (CMPSC 1113 and MATH 1513) counted in the Major
- Other hours needed **36-39**
 COMM 1113 may be used as related work.
- II. Major in Computer Science** **39**
- A. Required General Education** 3
 ___ CMPSC 1113 Computer Programming I
- B. Required in Computer Science Major** 21
 ___ CMPSC 1133 Computer Programming II
 ___ CMPSC 3113 Operating Systems
 ___ CMPSC 3613 Computer Architecture
 ___ CMPSC 3943 Software Design & Development
 ___ CMPSC 4213 Data Base Design
 ___ CMPSC 4473 Theory of Programming Languages
 ___ CPSMA 2923 Data Struc & Algorithm Analys
- C. Required Electives** 15
 One of the following:
 ___ CMPSC 2213 Computer Languages (Language named in title listing)
 ___ CMPSC 2323 Internet Programming
 ___ CMPSC 3313 Advanced Computer Language (Subject named in title listing)
- Two of the following:
 ___ CMPSC 3213 Org of Programming Languages
 ___ CMPSC 3233 Linux Tools
 ___ CMPSC 3543 Object Oriented Programming
 ___ CMPSC 4223 Unix System Administration
 ___ CMPSC 4983 Seminar: (thesis or project)
- Six hours from the following:
 ___ CPSMA 3933 Operations Research
 ___ CPSMA 4413 Numerical Analysis
 ___ Department approved electives which may include unused classes from Section II.C.

REQUIREMENTS

HOURS

- III. Related Work** **11-18**
- A. Required Related Work** 3-9
 ___ CPSMA 3913 Discrete Mathematics
 ___ MATH 1513 College Algebra
 ___ MATH 1713 Trigonometry
- B. Required Related Electives** 8-9
 One of the following:
 ___ MATH 2825 Calculus & Analytic Geometry I **OR**
 ___ MATH 2613 Calculus for Bus, Life & Soc Sci
 If MATH 2613 taken, then choose **EITHER**
 ___ MATH 2213 Intro to Prob & Statistics **OR**
 ___ BSEC 2603 Business & Economic Statistics
- One of the following:
 ___ BUCOM 3133 Bus Communic & Report Writing
 ___ COMM 1113 Fundamentals of Human Comm
 ___ COMM 2253 Communication in the Workplace
 ___ ENG 3183 Technical Writing
- IV. Minor (Required)** **16-21**
- V. Electives** **7-22**
- VI. Total Hours Required** **124**

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 completion of the degree program.

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.

MINOR _____

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____