

EAST CENTRAL UNIVERSITY

COMPUTER SCIENCE - B.S.
0510/UG11-UG12

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

REQUIREMENTS

HOURS

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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.

III. Related Work

17-18

A. Required Related Work

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 I

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

7-16

VI. Total Hours Required

124

VII. Special Requirements

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 _____

