

NAME: _____ ID#: _____ DATE: _____

BACHELOR of Science in INFORMATICS

Total Credits Required: 122

A. COMPOSITION (3 Credits)

_____ W131 Elementary Composition (3 cr.)

B. FOREIGN LANGUAGE (6 Credits)

_____ Course: _____ (Completion of two introductory courses in a
_____ Course: _____ single foreign language or equivalent)

C. FOREIGN LANGUAGE / BUSINESS OPTIONS (6-15 Credits)

OPTION 1:

_____ Course: _____
_____ Course: _____
_____ Course: _____
_____ Course: _____
_____ Course: _____

Three additional courses to be taken from at least 2 other departments in Business & Economics K201 & E270 are excluded from the list of 5 courses. Economics courses simultaneously fulfill this requirements and a requirements in Social & Behavioral Sciences.

OPTION 2:

_____ Course: _____ (Two courses at the second year level in a
_____ Course: _____ foreign language)

OPTION 3:

_____ Course: _____ (Two courses at the first year level in a
_____ Course: _____ a second foreign language)

D. ARTS & HUMANITIES (12 Credits) (4 courses / 3 areas)

_____ Course: _____ **Area A:** Fine Arts, Journalism, Music M174,
_____ Course: _____ Speech (except S160), Telecommunications, Theater
_____ Course: _____ **Area B:** English (except W130, W131), Foreign
_____ Course: _____ Languages (advanced literacy)
Area C: History, Philosophy, Religious Studies

E. SOCIAL & BEHAVIORAL SCIENCES (12 Credits) (4 courses/2 areas; not more than 2 course in any one area)

_____ Course: _____ **Area A:** Economics, Geography, Political
_____ Course: _____ Science
_____ Course: _____ **Area B:** Psychology
_____ Course: _____ **Area C:** Sociology, Anthropology, Linguistics

F. PHYSICAL & LIFE SCIENCES (13 Credits)

_____ Course: _____ 13 credit hours, including 1 course with a
_____ Course: _____ laboratory component, selected from at least two
_____ Course: _____ disciplines: Astronomy, Biology, Chemistry, Geology,
_____ Course: _____ and Physics (Physics P302 or P303 recommended)

G. MATHEMATICS (6 Credits)

_____ M118 Finite Mathematics (3 cr)
_____ Statistics 300 level or above with approval of the Director of
Informatics (3 cr)

H. INFORMATICS CORE (34 Credits)

_____ I101 Introduction to Informatics (4 cr)
_____ I201 Mathematical Foundations of Informatics (4 cr)
_____ I202 Social Informatics (3 cr)
_____ I210 Information Infrastructure I (4 cr)
_____ I211 Information Infrastructure II (4 cr)
_____ I308 Information Representation (3cr)

Two of the following four courses (If desired the other two may be used as Informatics electives)

_____ I300 Human-Computer Interaction (3 cr)
_____ I303 Organizational Informatics (3 cr)
_____ I310 Multimedia Arts and Technology (3 cr)
_____ I320 Distributed Systems and Collaborative Computing (3 cr)

One of the following capstone options:

_____ I450/I451 Design & Development of an Information System
_____ I460/I461 Thesis/Senior Project (3 cr/ 3cr)
_____ Another departmental capstone or I420 Internship (6 cr) requires approval

I. INFORMATICS ELECTIVES (6 credits)

_____ Course: _____
_____ Course: _____

J. COGNATE AREA COURSES (15-18 credits)

_____ Course: _____
_____ Course: _____
_____ Course: _____
_____ Course: _____
_____ Course: _____
_____ Course: _____