Roosevelt University

Evelyn T. Stone College of Professional Studies

Bachelor of Professional Studies Degree

Major in Information Technology

Student Name: _____ Advisor: _____ Date: _____

Student ID#:_____Phone:_____# of Transfer Hours_____

Official ☐
Unofficial ☐

RUA – Assessment Test

RUA Writing _____
English Placement _____
Math Domain _____
Math Score _____
Math Placement _____

Introductory Courses

All PLS courses require a minimum grade of C-.

PLS 201 _____ **or** PLS 302 _____ CST 100 or 115 _____
Pro-Seminar in Critical Skills (6) (Less than 60sh transfer credit)
Methods of Critical Reasoning (AA/AS or 60sh + 2.0 GPA)
(Recommended for Students with no previous Computer Science courses)

Math 096_____ (If required by RUA)

MATH 121 _____ (If required by RUA)

University Writing Requirement (Grade of C- or higher required)

ENG 100 _____ (If required by RUA)
ENG 101 _____ Introduction to Composition
ENG 102 _____ Argument, Analysis, Research

Major Courses in Information Technology

Grade of C- or higher required in all CST courses.
Fifteen semester hours must be taken at Roosevelt.

Core Courses:

CST 150 _____ Computer Science I
CST 250 _____ Computer Science II
CST 246 or CST 270_____ Data Communications or Systems Analysis

CST 333 or 386_____ Database Systems or Information Retrieval
CST 318, 365 or 371_____ Unix, Network Applications, or Distributed Databases

Information Technology Electives: (See Reverse for possible Concentrations)

CST 2xx _____ 200-level or above Computer Science elective
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CST 2xx _____ 200-level or above Computer Science elective

CST 3xx _____ 300-level Computer Science elective
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CST 3xx _____ 300-level Computer Science elective

Additional CST courses or Relevant Electives: (See Reverse for guidance on possible relevant electives)

CST or Relevant Elective_____
CST or Relevant Elective_____
CST or Relevant Elective_____

Senior Seminars (See reverse for pre-requisites) All PLS courses require a minimum grade of C-.

PLS 390 – Seminar in the Social Sciences (6) _____

PLS 391 – Seminar in the Natural Sciences (6) _____

PLS 392 – Seminar in the Humanities (6) _____

PLS 399 – Senior Thesis (3) _____
Minimum C- to graduate

One Senior Seminar may be waived with 9sh transfer credit in area, not used elsewhere in curriculum, with 2.0 GPA. Two Seminars may be waived with AA/AS, or with 60sh total and 9sh transfer credit in each area with 2.0 GPA.

I fully understand that the courses listed on this Curriculum Worksheet are the requirements for this degree and specialization. Any change of major may require different and/or additional courses.

Student's signature _____ Advisor's Signature _____ Date _____

General Requirements for the Bachelor of Professional Studies Degree

- Students must be 24 years of age when they start the BPS degree.
- New students should take the Roosevelt University Assessment test before registering for their first semester. Students will not be allowed to register for a second semester at Roosevelt until the RUA is completed. The RUA will determine placement into appropriate English and Math courses.
- The final 30 semester hours of any Roosevelt University degree must be completed at Roosevelt University.
- Students must complete a minimum of 21 semester hours of coursework at the 300-level at Roosevelt.
- PLS 290: Students transferring in MATH 110 "Quantitative Literacy," or substantial math including College Algebra or College Statistics with a C or better but no Quantitative Literacy course may be waived out of PLS 290.
- The PLS Senior Seminars are only open to students who have completed PLS 201 or PLS 302 and the University Writing Requirement.
- PLS 399, Senior Thesis, is open to students who have completed PLS 201 or PLS 302, the University Writing Requirement, two Senior Seminars, and who are within 21 hours of graduation.

Specific Requirements and Notes for the Bachelor of Professional Studies in Information Technology

- ***Computer Science courses more than 8 years old (in transfer or at Roosevelt) may not be counted towards degree requirements.***
- A minimum of 15 semester hours of CST courses (excluding experiential/proficiency credit) must be taken at Roosevelt University to earn a degree. A maximum of 9 semester hours of CST credit can be earned through experiential/proficiency exams. A memo describing the procedure for obtaining experiential/proficiency credit is available from the CST school office, (847) 619-8538.
- Prior to registering for CST courses, students should contact a CST advisor at the Downtown Campus at (312) 281-3109 or at the Robin Campus at (847) 619-8537. The BPS advisor should be consulted for other courses.
- **Possible Concentrations**: By choosing specific courses for CST electives, a student may designate a Concentration within the major. Concentrations include:
    - Network applications concentration: CST 318, CST 343, CST 367, CST 376, plus three CST electives (one at the 300-level and two at the 200+level) .
    - IT Management Concentration: CST 246, CST 327, CST 370, plus four CST electives (three at the 300-level and one at the 200+level).
    - Database and Data Assurance Concentration: CST 246, CST 367, CST 368, CST 370, plus three CST electives (two at the 300 level and one at the 200+level).
- **Relevant Electives**: Relevant electives may be selected from the following: any course in Economics, Business areas (including Information Systems), Math, the Natural Sciences, PHIL 210 (Logic), or PLS 290 (Technological & Quantitative Literacy Seminar).