Roosevelt University College of Arts and Sciences
Tentative Program Evaluation for Students Entering Fall 2014 and Later

Name _____ **ID** _____

Major: **BS in COMPUTER SCIENCE** **Minor:** _____ **Transfer Sh** _____

Advisor										
Date										

General Education Requirements

❶ Writing Requirement

	RU	TR/SEM
❷ ENG 100		
ENG 101		
ENG 102		

❶ Academic Communities of Practice (9 sh)

❸ ACP 101 First Year Seminar		
❹ ACP 110 Primary Texts		
❺ ACP 250 Grounds For Change		

Preparatory Math (per placement)

❷❻ MATH 096 *(C+ or higher required)*		
❶ MATH 121		

Natural Sciences (7-8 sh) *at least one 4-sh lab course*

Biol. Science		
Phys. Science		

Social Sciences (9 sh)

Humanities (9 sh)

❼ Non-Western Studies (3 sh) _____

RU Mission Related Course (3 sh)

❶ LIBS 201 Writing Social Justice		

❶ Grade of C- or better required.
❷ ENG 100 and MATH 095/096 do not count toward 120 sh.
❸ ACP 101 waived for students with ≥ 15 sh of transfer credit (excluding AP).
❹ ACP 110 waived for students with ≥ 30 sh of transfer credit.
❺ ACP 250 waived for students with ≥ 90 sh of transfer credit. UWR and completion of or concurrent registration for MATH 110 or higher are pre-requisites for ACP 250.
❻ MATH 096 is the pre-requisite for MATH 121. MATH 096 may need to be taken up to 4 times to complete all units necessary to advance to MATH 121.
❼ Can be used in partial fulfillment of Social Sciences, Humanities, or major/minor requirements.

Requirements for the Major

- ***Students must have a minimum overall GPA of 2.00 or higher for courses in major.***
- *A minimum of 15 sh of CST course must be completed at RU.*
- *CST courses more than 8 yrs. old may not be counted towards degree requirements.*
- *Any deviation from these degree requirements must be approved by the CST executive committee.*

❶ Major (41 sh)

	RU	TR/SEM
CST 150 Computer Science I (4 sh)		
CST 250 Computer Science II (4 sh) **(SPRING)**		
CST 280 Introduction to Algorithms **(FALL)**		
CST 311 Analysis of Real World Networks		
CST 317 Operating Systems		
CST 333 Database Systems		
CST 372 Programming Languages		
Choose one course from: CST 337 Theory of Computation CST 338 Efficient Computing CST 387 Algorithm Design		
CST 370 Software Engineering		
Project Based Course: CST 309, 312, 343, 367, 376, 393 or 399		
CST Elective *(300-level)*		
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❶ Required MATH Courses (9 sh)

MATH 217 Introduction to Probability and Statistics		
MATH 245 Discrete Structures		
MATH 246 Linear Algebra		

Free Electives

Free electives are courses taken in order to attain 120 sh as needed for graduation. Should be chosen in consultation with an advisor to ensure **Quantitative Requirements** for BS are fulfilled.

Quantitative Requirements for BS

Residency:	LAST 30 sh must be taken at RU
2 yr. College Rule:	54 sh must be at a 4-yr college
200/300s levels:	60 sh max. at 100 level; 60 sh at 200-300 level of which 18 MUST be 300 level
Outside Major:	63 sh outside major
Minor:	15 sh in MATH