

# Roosevelt University

Evelyn T. Stone University College - Bachelor of Professional Studies

## BPS Transitions: Telecommunications to Master of Science in Telecommunications

Student \_\_\_\_\_ Advisor \_\_\_\_\_

Phone \_\_\_\_\_ ID# \_\_\_\_\_ Date \_\_\_\_\_  Unofficial  Official

BGS 201 or 302 (Pro-Seminar **OR** Methods of Critical Reasoning)

(Note: BGS 302, for Fast Track **AND** Next Step students, requires AA/AS degree **OR** 60 s.h. with 2.0 gpa)

RECOMMENDED INTRODUCTORY WORK: \_\_\_\_\_

UNIVERSITY WRITING REQUIREMENT: ENG 101 \_\_\_\_\_ ENG 102 \_\_\_\_\_ Other ENG \_\_\_\_\_

BGS 290 (Technological & Quantitative Literacy) \_\_\_\_\_

**MAJOR:** All CST courses must be passed with a C or higher. A minimum of 12 s.h. of CST courses (excluding experiential/proficiency credit) must be taken at RU.

**CORE COURSES:**

CST 150 \_\_\_\_\_  
Computer Science I

CST 246 \_\_\_\_\_  
Data Communications

CST 290 \_\_\_\_\_  
Telecom. Systems

CST 250 \_\_\_\_\_  
Computer Science II

CST 280 or 284 \_\_\_\_\_  
Data Struct. Or Data Struct. With Java II

CST 332 \_\_\_\_\_  
Telecom. Mgmt.

CST 352 \_\_\_\_\_  
Network Design and Analysis I

CST 354 \_\_\_\_\_  
Local Area Networks

CST 431 \_\_\_\_\_  
Telecom. Systems Analysis

CST 448 \_\_\_\_\_  
Adv. Data Comm.

Computing Electives: Choose any three 300-level CST courses.

CST 3 \_\_\_\_\_

CST 3 \_\_\_\_\_

CST 3 \_\_\_\_\_

Supporting Areas: MATH 121 \_\_\_\_\_  
College Algebra

MATH 122 \_\_\_\_\_  
Precalculus

MATH 202 or 231 \_\_\_\_\_  
Math Anal. For Bus & Soc. Science or  
Calc I

MATH 245 \_\_\_\_\_  
Discrete Structures

ACCT 210 \_\_\_\_\_  
Accounting I

PHYS 366 \_\_\_\_\_  
Applied Digital Electronics

**INTERDISCIPLINARY SEMINARS** (Note: Fast Track or Next Step may waive one Seminar with 9 s.h. transfer credit in area, not used elsewhere in curriculum, with 2.0 gpa.) **Students with less than 60 s.h. must take both BGS 390 and BGS 392.**

BGS 390 Seminar in Social Sciences \_\_\_\_\_

BGS 392 Seminar in Humanities \_\_\_\_\_

BGS 399 **SENIOR THESIS** \_\_\_\_\_

I fully understand that the courses listed on this checksheet are the requirements for this major. Any change of major may require different and/or additional courses. DATE \_\_\_\_\_

STUDENT'S SIGNATURE \_\_\_\_\_ ADVISOR'S SIGNATURE \_\_\_\_\_

SEE REVERSE FOR IMPORTANT NOTES.

## Notes Concerning the BPS Major in Telecommunications

1. A maximum of 9 semester hours of CST credit can be earned through experiential/proficiency credit. A memo explaining the procedure is available from the CST school office (847) 619-8538.
2. Prior to registering for CST courses, students should contact a CST advisor at the Downtown Campus at (312) 281-3201 or at the Robin Campus at (847) 619-8537. The BPS advisor should be consulted for other courses.
3. Students with little or no on-the-job experience should consider pursuing an internship. The Career Planning Office can assist in the search for an area company willing to provide internship opportunities. Three semester hours of CST 395 credit can be earned through such internship programs. Contact the CST Director for more information in this regard.

Students who have completed the following courses with grades of C or higher are eligible for a Telecommunications Certificate. Students must complete a graduate application and submit it by the published date to receive the certificate.

A. Math Background: MATH 121 or 245 \_\_\_\_\_  
Prerequisite to MATH 245 is MATH 121  
College Algebra or Discrete Structures

B. CST Courses:

CST 150 \_\_\_\_\_  
Computer Science I (Prereq. MATH 116 or 118 or 121)

CST 246 \_\_\_\_\_  
Data Communications

CST 290 \_\_\_\_\_  
Telecom. Systems

CST 250 \_\_\_\_\_  
Computer Science II (w/MATH 245)

CST 331 \_\_\_\_\_  
Telecom. Systems Analysis

CST 332 or 346 \_\_\_\_\_  
Telecom. Management or Adv. Data Comm.

CST 354 \_\_\_\_\_  
Local Area Networks

### ***TRANSITIONS* – Your quick link to graduate study! BPS in Telecommunications to Master of Science in Telecommunications**

Students must choose the Transitions option within the first two semesters of undergraduate study at Roosevelt. Students will automatically be eligible for admission into the MS in Telecommunications program if they have a GPA of 2.8 or higher. Students with a GPA of 2.5 to 2.79 will be granted probationary admission and will be limited to two courses in their first term as a graduate student. Students should meet with a Graduate Admission officer in their second-to-last semester. An application for Graduate Admission stamped with a Transitions stamp is due when registering for the last semester as a BGS student.

Transitions students who will be within 6 hours of graduation by the end of the semester, have completed all English requirements, whose GPA is 2.7 or higher, and who have applied for graduation should obtain an approved "Application to Register for Graduate Courses" form from their undergraduate program advisor to be authorized to register for graduate courses.

Conditions for admission to the Graduate Program may be changed at the discretion of the department with the approval of the Graduate Committee.

Transitions students do not pay a graduate application fee.

The first 2 graduate courses (CST 431 and 448) in the Telecommunications program must be taken prior to the student receiving an undergraduate diploma. Students pay graduate tuition for these courses, but they have two fewer courses to take in their combined undergraduate/graduate program. For specific graduate degree requirements, students should see the Graduate Catalog for the year in which they will begin coursework.

The undergraduate degree must be posted in Banner before the student can register for any additional graduate courses.

Students who do not complete the combination Transitions program must take the missing undergraduate courses to graduate.

**NOTE:** Federal financial aid and grant funds cannot be applied to graduate courses. Students are urged to consult with a Financial Aid counselor to determine whether scholarships can be applied or how their financial aid will be affected.