

## 2014-2015 B.S Computer Science and Technology – Networks Concentration

NAME \_\_\_\_\_ ID# \_\_\_\_\_

### A. Core Foundations

CORE 101 \_\_\_\_\_ 3  
 CORE 102 \_\_\_\_\_ 3  
 HNRS 103\* \_\_\_\_\_ 3  
 CORE 201 \_\_\_\_\_ 3  
 CORE 202 \_\_\_\_\_ 3

**NOTE:** Courses listed in multiple areas can only be used to fulfill a single area requirement.

Students can use only one course with their major prefix to fulfill core requirements.

\* Honors course – will meet CORE 101 & 102 for those students in the RU honors program

### B. Core Skills & Knowledge

Courses must be from different disciplines:

**MATHEMATICAL SCIENCES (3 SH)**  
 MATH 151 \_\_\_\_\_ 3

**NATURAL SCIENCES (4 SH)**  
 \_\_\_\_\_ 4

One of the following: ASTR 111, 112  
 BIOL 103, 104, 105 CHEM 101: 102, 120  
 GEOL 100, 105: 106 PHYS 111: 112, 221: 222

**HUMANITIES (3 SH)**  
 \_\_\_\_\_ 3

One of the following: CLSS 110 CCST 110  
 ENGL 200 HIST 101, 102 PHIL 111, 112,  
 114; POSC 110; RELN 111, 112, 203, 206

**VISUAL & PERFORMING ARTS (3 SH)**  
 \_\_\_\_\_ 3

One of the following: ART 100, 215,  
 216 CVPA 266, DNCE 111 MUSC 100,  
 121, 123 THEA 100, 180

**SOCIAL/BEHAV. SCIENCES (3 SH)**  
 \_\_\_\_\_ 3

One of the following: ANSC 101, APST  
 200 ECON 105, 106 GEOG 101, 102, 103  
 HIST 111, 112 POSC 120 PSYC 121 RELN  
 205 SOCY 110, 121

### A. National & International

**Perspectives** Courses must be from different disciplines:

**U. S. PERSPECTIVES (3 SH)**

\_\_\_\_\_ 3  
 One of the following: APST 200  
 ECON 101, 105, 106, ENGL 203  
 GEOG 201, 202, 203 HIST 111, 112  
 POSC 120, SOCY 110

**GLOBAL PERSPECTIVES (3 SH)**

\_\_\_\_\_ 3  
 One of the following: CVPA 266, ENGL  
 201; FORL 103; GEOG 101, 102, 140,  
 280 HIST 101, 102 INST 101 ITEC 112  
 PEAC 200 RELN 112, 205, SOCY 121,  
 THEA 180 WMST 101

### B. Supporting Skills & Knowledge

**NATURAL SCIENCES OR MATH (3/4 SH)**  
 (Must select a 4-credit lab science)

\_\_\_\_\_ 4  
 From one of the following: ASTR 111, 112  
 BIOL 103, 104, 105 CHEM 101: 102, 120 GEOL  
 100, 105:106 PHYS 111: 112, 221:222

**HUMANITIES, VISUAL & PERFORMING ARTS,  
 OR FOREIGN LANGUAGES (3-4 SH)**

\_\_\_\_\_ 3-4  
 One of the following: CLSS 110 CCST 110 ENGL  
 200 HIST 101, 102 PHIL 111, 112, 114; POSC  
 110; RELN 111, 112, 203, 206 Or ART 111, 215,  
 216; CVPA 266; DNCE 111 MUSC 100, 121, 123  
 THEA 100, 180 Or CHNS 101: 102, 201: 202  
 ARAB 100,200,210 FORL 100, 109, 200 209,  
 210, 309, 409, FREN 100, 200:210, 300, 320  
 GRMN 100, 200: 210, 300 LATN 101, 102, 201,  
 350; RUSS 100, 200, 210, 300; SPAN 101: 102,  
 201, 202

**SOCIAL/ BEHAV. SCI. OR HEALTH & WELLNESS  
 (3 SH)**

\_\_\_\_\_ 3  
 One of the following: ANSC 101, APST 200  
 ECON 105, 106 GEOG 101, 102, 103 HIST 111,  
 112 POSC 120 PSYC 121 RELN 205 SOCY 110,  
 121 HLTH 111,200 NURS 111 NUTR 214 RCPT  
 200

### CSAT – Networks Concentration \* A grade of C or better is required for any course with an asterisk

#### Networks CONCENTRATION

\*ITEC 110 \_\_\_\_\_ (3)  
 \*ITEC 120 \_\_\_\_\_ (4)  
 \*ITEC 220 \_\_\_\_\_ (4)  
 \*ITEC 225 \_\_\_\_\_ (3)  
 \*ITEC 345 \_\_\_\_\_ (3)  
 ITEC 490 \_\_\_\_\_ (1)  
 MATH 151 \_\_\_\_\_ (3)  
 MATH 152 \_\_\_\_\_ (3)  
 STAT 301 \_\_\_\_\_ (3)

#### OR

STAT 200 \_\_\_\_\_  
 ITEC 122 \_\_\_\_\_ (3)  
 ITEC 324 \_\_\_\_\_ (3)  
 ITEC 310 \_\_\_\_\_ (3)  
 ITEC 340 \_\_\_\_\_ (3)  
 ITEC 350 \_\_\_\_\_ (3)  
 ITEC 352 \_\_\_\_\_ (3)  
 ITEC 371 \_\_\_\_\_ (3)  
 ITEC 451 \_\_\_\_\_ (3)  
 ITEC 452 \_\_\_\_\_ (3)

Principles of Information Technology  
 Principles of Computer Science I  
 Principles of Computer Science II  
 Web Programming I  
 Introduction to Information Security  
 IT Professionalism  
 Calculus & Analytical Geometry I  
 Calculus & Analytic Geometry II  
 Probability and Statistics I

F/S  
 F/S  
 F/S  
 F/S  
 F/S  
 F/S  
 F/S  
 F/S  
 F/S  
 F/S

#### Prerequisites

“C” or better in ITEC 120  
 “C” or better in either ITEC 109 or ITEC 120  
 “C” or better in ITEC 120  
 Senior Standing  
 Math SAT ≥ 550, or college pre-calc ≥ “C”  
 MATH 151  
 MATH 152  
 “C” or better in ITEC 120 & MATH 125 or higher  
 “C” or better in both ITEC 110/220  
 “C” or better in both ITEC 110/220  
 “C” or better in both ITEC 110/220  
 “C” or better in both ITEC 110/220  
 “C” or better in both ITEC 110/220  
 ITEC 220 “C” or better & ITEC 122  
 ITEC 352  
 ITEC 122/350 & STAT 200 or STAT 301  
 ITEC 310/350/371

Plus 6 Additional credit hours in 300 or 400 level ITEC course (except for ITEC 301, 304, 400, 493, or 498)

ITEC \_\_\_\_\_ (3) ITEC \_\_\_\_\_ (3)