## Bachelor of Science in Telecommunications Network Management 2012-2013

### Year One
#### Fall
- FCWR 101: Foundations of College Composition
  - Pre-req: PLACEMENT EXAM
- FCIQ 101: Foundations of Inquiry
- ETCS 105: Career Discovery
- TMAT 135: Technical Mathematics I
  - Pre-req: PLACEMENT EXAM
- ETEC 110: Electrical Technology I
  - Co-req: TMAT 135

#### Spring
- FCWR 151: Foundations of Research Writing
  - Pre-req: FCWR 101
- ETEC 120: Electronics Technology I
  - Pre-req: ETEC 110, Co-req: TMAT 155
- ETCS 131: Electronics Technology I
  - Pre-req: ETEC 110, Co-req: ETEC 120
- TMAT 155: Technical Mathematics II
  - Pre-req: TMAT 135

### Year Two
#### Fall
- FCSC 101: Foundation of Scientific Process
- ECON 101: Basic Economics
- CTEC 204: Programming Techniques I
- CTEC 216: Digital Electronics
- TELE 110: Telecommunications Fundamentals
  - Pre-req: TMAT 135

#### Spring
- FCSP 105: Foundations of Speech Communication
- PHYS 130: Introductory Physics
- CTEC 206: Programming Techniques II
- QANT 201: Statistical Sampling Theory
- TELE 220: Applied Telecommunications
  - Pre-req: TMAT 135

### Year Three
#### Fall
- FCWR 304: Communication for Technical Professions
  - Pre-req: FCIQ 101, FCSP 105, FCSC 101, FCWR 151
- MATH 151: Fundamentals of Calculus
  - Pre-req: TMAT 135
- TELE 210: Data Net Fundamentals
  - Pre-req: CTEC 204
- CTEC 311: Introduction to Operating Systems

#### Spring
- ICPH 3XX: Philosophy Choice
- CHEM 107: Engineering Chemistry I
- TELE 310: Telecommunications Law and Policy
- TELE 321: Cellular and Wireless Technologies
  - Pre-req: TELE 110

### Year Four
#### Fall
- ICBS 3XX: Behavioral Science Choice
  - Pre-req: FCIQ 101, FCSP 105, FCSC 101, FCWR 151
- ICLT 3XX: Literature Choice
  - Pre-req: FCIQ 101, FCSP 105, FCSC 101, FCWR 151
- ACCT 101: Accounting I
- TELE 420: Internetworking Technology I
  - Pre-req: CTEC 204, TELE 210
- QANT 405: Management Science
  - Pre-req: ECON 110, MRKT 200, QANT 300 or Advisor Approval

#### Spring
- ICSS 309: Technology and Global Issues
  - Pre-req: FCIQ 101, FCSP 105, FCSC 101, FCWR 151 and Junior or Senior Status
- TELE 431: Internetworking Technology II
  - Pre-req: TELE 420
- QANT 405: Management Science
  - Pre-req: ECON 110, MRKT 200, QANT 300 or Advisor Approval

### Credits
- Total Credits: 127

### Telecommunications Network Electives
Electives must be approved by the Department Chairperson

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit</th>
<th>Pre-Requisites</th>
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<tbody>
<tr>
<td>TELE 330</td>
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<td>TELE 110</td>
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<tr>
<td>TELE 340</td>
<td>3</td>
<td>TELE 220</td>
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<tr>
<td>TELE 345</td>
<td>3</td>
<td>ECON 101, MRKT 200, QANT 300 or Advisor Approval</td>
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| Technology Electives: CSCI, ITEC, ETEC, CTEC, TELE, ETC |
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**Rev. 4/12**