

CLOUD COMPUTING CURRICULUM SEQUENCE



Freshman Year (First Semester)

| | | |
|--------------|---------------------------------------|-----------|
| MATH 113 | Intro to Mathematical Analysis I (MQ) | 4 |
| COSC 111 | Intro to Computer Science I (IM) | 4 |
| ENGL 101 | Freshman Composition I EC | 3 |
| XXXX | CT General Education Req. | 3 |
| ORNS 106 | Freshman Orien. SCMNS Majors | 1 |
| TOTAL | | 15 |

Freshman Year (Second Semester)

| | | |
|--------------|--|-----------|
| MATH 114 | Introduction to Mathematical Analysis II | 4 |
| COSC 112 | Introduction to Computer Science II | 4 |
| ENGL 102 | Freshman Composition II EC | 3 |
| MGBU 200 | Intro to Business (Non-Bus. Majors) | 3 |
| XXXX | Phys. Activity or FIN 101 or MIND 101 | 1 |
| TOTAL | | 15 |

Sophomore Year (Third Semester)

| | | |
|--------------|------------------------------------|-----------|
| MATH 241 | Calculus I | 4 |
| COSC 220 | Data Structure and Algorithms | 4 |
| COSC 241 | Computer Systems and Digital Logic | 3 |
| XXXX | AH General Education Req. | 3 |
| TOTAL | | 14 |

Sophomore Year (Fourth Semester)

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|--------------|---------------------------------|-----------|
| XXXX | Group A Elective | 3 |
| XXXX | Group A Elective | 3 |
| CLCO 261 | Introduction to Cloud Computing | 3 |
| XXXX | HH General Education Req. | 3 |
| XXXX | AH General Education Req. | 3 |
| TOTAL | | 15 |

Junior Year (Fifth Semester)

| | | |
|--------------|------------------------------------|-----------|
| COSC 349 | Computer Networks | 3 |
| XXXX | Group B Electives | 3 |
| COSC 351 | Cybersecurity | 3 |
| XXXX | Group B Electives | 3 |
| XXXX | BP General Education Req. Lab Req. | 4 |
| TOTAL | | 16 |

Junior Year (Sixth Semester)

| | | |
|--------------|---------------------------------------|-----------|
| MATH 312 | Linear Algebra I | 3 |
| COSC 354 | Operating Systems | 3 |
| XXXX | Group B Elective | 3 |
| XXXX | CI General Education Req. | 3 |
| XXXX | BP General Education Req. no lab req. | 3 |
| TOTAL | | 15 |

Senior Year (Seventh Semester)

| | | |
|--------------------|-----------------------------------|-----------|
| CLCO 490 | Senior Project in Cloud Computing | 3 |
| XXXX | Group C Elective | 3 |
| XXXX | Group C Elective | 3 |
| XXXX | Group C Elective | 3 |
| XXXX | SB General Education Requirements | 3 |
| SCMNS TOTAL | | 15 |

Senior Year (Eighth Semester)

| | | |
|--------------------|-----------------------------------|-----------|
| CLCO 401 | Cloud Application | 3 |
| XXXX | Group C Elective | 3 |
| XXXX | Group C Elective | 3 |
| XXXX | Group D Elective | 3 |
| XXXX | SB General Education Requirements | 3 |
| SCMNS TOTAL | | 15 |

TOTAL CREDITS

120