



First Semester (16 Hours) | AAS Degree

| | | Program Requirements | Hours | ✓ | General Education Courses | Hours | ✓ |
|------|-----|--|-------|---|---|-------|---|
| Full | 1st | | | | ORIE 1011 College Strategies | 1 | |
| | | ITD 1033 Computer Logic & Flowcharting | 3 | | ENGL 1113 Freshman Composition I [®] OR ENGL 1033 Technical Writing I [®] | 3 | |
| | | ITD 1213 Hardware Systems Support | 3 | | HIST 1483 US History to 1865 OR HIST 1493 US History Since 1865 | 3 | |
| | | ITD 1243 Principles of Information Security Corequisite: ENGL 1033 or ENGL 113 | 3 | | | | |
| | | | | | COWBOY UP! New Student Orientation | 0 | |

Second Semester (15 Hours) | AAS Degree

| | | Program Requirements | Hours | ✓ | General Education Courses | Hours | ✓ |
|------|--|---|-------|---|---|-------|---|
| Full | | ITD 1223 Network Systems Prerequisite: ITD 1213 | 3 | | ENGL 1213 Freshman Composition II OR Prerequisites: ENGL 1113 ENGL 1213 Technical Writing II Prerequisites: ENGL 1033 | 3 | |
| | | ITD 2223 Operating Systems | 3 | | MATH 1513 Pre-Calculus [®] | 3 | |
| | | | | | POLS 1113 US Government | 3 | |

Third Semester (15 Hours) | AAS Degree

| | | Program Requirements | Hours | ✓ | General Education Courses | Hours | ✓ |
|------|--|--|-------|---|--|-------|---|
| Full | | ITD 1353 Web Development | 3 | | SPCH 1113 Intro to Speech Communications OR SPCH 2313 Small Group Communications | 3 | |
| | | ITD 2313 Script Programming Prerequisites: ITD 1033 | 3 | | Approved Humanities Elective Consult with advisor for an approved list of electives. | 3 | |
| | | Approved Lower-Division Technical Elective Consult with advisor for an approved list of electives | 3 | | | | |

Fourth Semester (15 Hours) | AAS Degree

| | | Program Requirements | Hours | ✓ | General Education Courses | Hours | ✓ |
|------|--|--|-------|---|---|-------|---|
| Full | | ITD 1403 Cyber Ethics & Law Prerequisites: ENGL 1033 or ENGL 1113 | 3 | | Approved General Education Elective To be selected from Social & Behavioral Sciences, Foreign Language or Fine Arts. Consult with advisor for an approved list of electives. | 3 | |
| | | ITD 2203 Database Systems Prerequisite: ITD 1033 | 3 | | Approved Humanities Elective Consult with advisor for an approved list of electives. | 3 | |
| | | Approved Lower-Division Technical Elective Consult with advisor for an approved list of electives | 3 | | | | |

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class

★ Recommended

Ⓢ Corequisite strategies course available. See advisor for details.

Completion of AAS in Information Technologies Degree Requirements

**BT in Information Technologies - Cybersecurity & Digital Forensics requirements
continued on next page**

Fifth Semester (15 Hours) | BT Degree

| Program Requirements | | Hours | ✓ | General Education Courses | | Hours | ✓ |
|----------------------|---|-------|---|--|---|-------|---|
| Full | ITD 3543 Enterprise Networking Prerequisites: ITD 1223, ITD 1243 & ITD 2223 | 3 | | MATH 2143 Pre-Discrete Mathematics Prerequisite: MATH 1513 | 3 | | |
| | ITD 3643 Data Center/Cloud Implementation Prerequisites: ITD 1223 & ITD 2223 | 3 | | Approved General Education Elective Consult with advisor for an approved list of electives. | 3 | | |
| | Approved Upper-Division Technical Elective Consult with advisor for an approved list of electives. | 3 | | | | | |

Sixth Semester (17 Hours) | BT Degree

| Program Requirements | | Hours | ✓ | General Education Courses | | Hours | ✓ |
|----------------------|--|-------|---|--|---|-------|---|
| Full | ITD 3201 Employment Orientation Prerequisites: Department approval & a GPA 2.5 or higher | 1 | | MATH 3103 Discrete Mathematics Prerequisite: MATH 2143 | 3 | | |
| | ITD 34653 Malware Analysis Prerequisite: ITD 1243 & ITD 2313 | 3 | | Approved General Education Elective Consult with advisor for an approved list of electives. | 3 | | |
| | ITD 4203 Cyber Defense & Incident Response Prerequisite: ITD 3643 | 3 | | Approved Science Elective Consult with advisor for an approved list of electives. | 4 | | |

Seventh Semester (16 Hours) | BT Degree

| Program Requirements | | Hours | ✓ | General Education Courses | | Hours | ✓ |
|----------------------|---|-------|---|--|---|-------|---|
| Full | ITD 3453 Information Systems & Architecture Prerequisites: ITD 1033 & ITD 1223 | 3 | | Approved General Education Elective Consult with advisor for an approved list of electives. | 3 | | |
| | ITD 3793 IT Project Management Prerequisite: ITD 1243 | 3 | | Approved Science Elective Consult with advisor for an approved list of electives. | 4 | | |
| | ITD 4223 Penetration Testing & Ethical Hacking Prerequisites: ITD 3543 & ITD 3653 | 3 | | | | | |

Eighth Semester (12 Hours) | BT Degree

| Program Requirements | | Hours | ✓ | General Education Courses | | Hours | ✓ |
|----------------------|--|-------|---|---------------------------|--|-------|---|
| Full | ITD 4753 Applied Research & Development Prerequisites: ITD 3793, enrollment in the final semester of the BT in Information Technologies program, department approval and a 2.5 GPA or higher | 3 | | | | | |
| | ITD 4809 IT Internship Prerequisites: ITD 3201, department approval and a 2.5 GPA or higher | 9 | | | | | |

FULL = Full Semester Class | 1st = First Half Class | 2nd = Second Half Class

★ Recommended

⊕ Corequisite strategies course available. See advisor for details.

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