

College of Business and Public Administration
Bachelor of Science in Information Systems Technology
Computer Information Systems Option (B.S.)

| General Education Requirements (82 Units) | | Units | Required Core Courses (64 Units) | | Units |
|----------------------------------------------------------------------------------------------------------------------------------|--|-----------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|-----------|
| Area A - Basic Skills | | 12 | Lower Division Courses | | 36 |
| ___ 1. Written Communications | | | ___ ADMN 210 | Applied Business Statistics | |
| ___ 2. Oral Communication | | | ___ IST 101 | Introduction to Information Technology | |
| ___ 3. Critical Thinking | | | ___ IST 215 | Cyber Security (Prereq: IST 101) | |
| Area B - Natural Sciences | | 20 | ___ IST 274 | Data Base Management & Policies (Prereq: IST 101) | |
| ___ 1. Mathematics | | | ___ IST 275 | Information Networking & Security (Prereq: IST 101) | |
| ___ 2. Life Science | | | ___ IST 276 | Systems Analysis & Design (Prereq: IST 101) | |
| ___ 3. Physical Science | | | ___ IST 282 | Business Systems I (Prereq: IST 101) | |
| ___ 4. Special Topics in Science and Technology | | | ___ MGMT 230 | Business Law | |
| ___ 5. Integrative Capstone (Jr. & Sr. Level Course) | | | 4 Units Chosen From the Following: | | |
| Area C - Humanities | | 20 | MATH 110, MATH 120, MATH 192, or MATH 211 (also counts in GE-B1) | | |
| ___ 1. Arts | | | Upper Division Courses | | 28 |
| ___ 2. Literature | | | ___ IST 309 | Information Systems and Technology (Prereq: IST 101) | |
| ___ 3. Foreign Language | | | ___ IST 372 | Information Technology (Prereq: IST 309) | |
| ___ 4. Philosophy | | | ___ IST 474 | Advc Data Base Mngmt & Info Assurance (Prereq: IST 274, 309) | |
| ___ 5. Integrative Capstone (Jr. & Sr. Level Course) | | | ___ IST 475 | Advc Info Networking & Security (Prereq: IST 275 & IST 309) | |
| Area D - Social and Behavioral Sciences | | 20 | ___ MGMT 302 | Management & Organizational Behavior | |
| ___ 1. American History and Civilization | | | ___ SCM 515 | Project Management | |
| ___ 2. American Institutions (PSCI 203) | | | ___ IST 490 | Info Systems Planning & Policy | |
| ___ 3. World Cultures | | | (Prereq: all upper division courses & MGMT 306) | | |
| ___ 4. Discipline Perspectives | | | Computer Information Systems Option Courses (28 Units) | | 28 |
| ___ 5. Integrative Capstone (Jr. & Sr. Level Course) | | | ___ ACCT 211 | Introductory Accounting I | |
| Area E - Lifelong Understanding | | 6 | ___ ACCT 212 | Introductory Accounting II (Prereq: ACCT 211) | |
| ___ 1. The Whole Person: Physical & Physiological Issues | | | ___ FIN 313 | Business Finance (Prereq: ACCT 212, ADMN 210 & Math 110) | |
| ___ 2. The Whole Person: Social & Psychological Issues | | | ___ MKTG 305 | Marketing Principles | |
| ___ 3. Physical Education | | | ___ SCM 304 | Principles of Supply Chain Management (Prereq: ADMN 210) | |
| Area F - Upper-Division Writing Requirement | | 4 | ___ SCM 305 | Enterprise Resource Planning (Prereq: SCM 304) | |
| ___ 1. Expository Writing (MGMT 306) | | | 4 Units Chosen From the Following: | | |
| Area G - Multicultural/Gender Requirement | | 4 | IST 378, 476, 483, 505, 575, 590, or 595D (refer to University catalog for prereq.) | | |
| ___ 1. Integrative Course in 1 of the 3 breadth areas: SSCI: 316, 350 HUM/NSCI/SSCI 325, or Hum: 328, 335, 350, 370, 375, 380 | | | | | |

*** Please note that requirements for general education, required core courses, and concentration courses may not total required 180 units. Free Electives may be required to make up the difference.

(B.S.) INFORMATION SYSTEMS AND TECHNOLOGY COMPUTER INFORMATION SYSTEMS OPTION ROADMAP

YEAR 1 (<45 units)

| Quarter 1 | Quarter 2 | Quarter 3 |
|-------------------------------------------|------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> IST 101 | <input type="checkbox"/> IST 275 | <input type="checkbox"/> IST 274 |
| <input type="checkbox"/> GE A-1 (English) | <input type="checkbox"/> GE A-2 (COMM 120) | <input type="checkbox"/> GE A-3 (Critical Thinking) |
| <input type="checkbox"/> GE B-1 (Math110) | <input type="checkbox"/> GE B-2 (Life Science) | <input type="checkbox"/> GE C-2 (Literature) |
| <input type="checkbox"/> GE E-2 (FIN 101) | <input type="checkbox"/> GE- E1 (KINE 205) | <input type="checkbox"/> GE D-3 (World Cultures) |

YEAR 2 (45-90 units)

| Quarter 1 | Quarter 2 | Quarter 3 |
|----------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> IST 215 | <input type="checkbox"/> IST 276 | <input type="checkbox"/> IST 282 |
| <input type="checkbox"/> GE C-1 (Arts) | <input type="checkbox"/> MGMT 230 | <input type="checkbox"/> GE B-3 (Physical Science) |
| <input type="checkbox"/> GE D-1 (American History) | <input type="checkbox"/> GE D-2 (PSCI 203) | <input type="checkbox"/> GE C-4 (Philosophy) |
| <input type="checkbox"/> GE B-4 (Special Topics) <input type="checkbox"/> GE E-3 (Physical Education) | <input type="checkbox"/> GE C-3 (Foreign Language) | <input type="checkbox"/> GE D-4 (Discipline Perspective) |

YEAR 3 (90-135 units)

| Quarter 1 | Quarter 2 | Quarter 3 |
|-----------------------------------|-----------------------------------------|-----------------------------------------|
| <input type="checkbox"/> IST 309 | <input type="checkbox"/> IST 372 | <input type="checkbox"/> SCM 304 |
| <input type="checkbox"/> ADMN 210 | <input type="checkbox"/> ACCT 211 | <input type="checkbox"/> ACCT 212 |
| <input type="checkbox"/> MGMT 306 | <input type="checkbox"/> IST 474 | <input type="checkbox"/> IST 475 |
| <input type="checkbox"/> MGMT 302 | <input type="checkbox"/> UD GE Capstone | <input type="checkbox"/> UD GE Capstone |

YEAR 4 (>135 units)

| Quarter 1 | Quarter 2 | Quarter 3 |
|---------------------------------------|----------------------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> MKTG 305 | <input type="checkbox"/> FIN 313 | <input type="checkbox"/> IST 490 |
| <input type="checkbox"/> SCM 515 | <input type="checkbox"/> UD GE Capstone | <input type="checkbox"/> Free Elective (if needed) |
| <input type="checkbox"/> SCM 305 | <input type="checkbox"/> Free Elective (if needed) | <input type="checkbox"/> Free Elective (if needed) |
| <input type="checkbox"/> IST Elective | | |