

## Information Systems Graduation Requirements Checklist – Fall 2015

All courses taken to satisfy the Information Systems major requirements must be taken for a letter grade and completed with a grade of C or higher. Students may not elect the P/NC option for any of the courses in the major.

| <b>Information Systems Courses<sup>1</sup></b>  |  |              |                 |
|---|--|--------------|-----------------|
| <b>Number</b>   | <b>Title</b>   | <b>Grade</b> | <b>Semester</b> |
| CSE114  | Computer Science I                                       |              |                 |
| CSE214  | Computer Science II                                      |              |                 |
| ISE218  | Fundamentals of Information Technology                   |              |                 |
| ISE300  | or EST304 (Technical Communications)                     |              |                 |
| ISE312  | Legal, Social, and Ethical Issues in Information Systems |              |                 |
| ISE305  | Database Design and Practice                             |              |                 |
| CSE310  | or ISE316 (Introduction to Networking)                   |              |                 |
| ISE320  | or BUS340 (Information Management)                       |              |                 |
| ISE____   | 4 upper division ISE or CSE courses <sup>2</sup>         |              |                 |
| ISE____   |  |              |                 |
| ISE____   |  |              |                 |
| ISE____   |  |              |                 |
| <b>Mathematics Courses</b>  |  |              |                 |
| <b>Number</b>   | <b>Title</b>   | <b>Grade</b> | <b>Semester</b> |
| AMS151  | or MAT131 or MAT141 or MAT125/126                        |              |                 |
| AMS161  | or CSE215 or AMS103 or MAT118                            |              |                 |
| AMS210  | or MAT211  |              |                 |
| AMS310  | or ECO320  |              |                 |
| <b>Specialization</b>   |  |              |                 |
| Students must complete a specialization in one of the defined application areas (Business & Economics, Technological Systems Management, System & Network Administration, or Digital Media), or else design a specialization of six to eight courses in another application area in consultation with the ISE Undergraduate Director before the courses for the specialization are completed. |  |              |                 |

<sup>1</sup> At least two courses from among ISE312, ISE305, ISE218, and ISE320 must be completed at SBU.

<sup>2</sup> ISE475 and ISE488 may be used to satisfy an ISE upper-division elective requirement, but each course may only be counted once towards the ISE upper-division elective requirement.