

Siena Heights University
Bachelor of Arts: Computer and Information Systems
Guide Sheet for Students Transferring from WCC to SHU

Cognate Requirements (12 semester hours required)

| Siena Heights University | | | Washtenaw Community College | | |
|--------------------------|---------------------------------------|--------------|--|--------------------------|--------------|
| Course Number | Course Title | Credit Hours | Course Number | Course Title | Credit Hours |
| BAM311 | Business Ethics | 3 | | | |
| or | | | | | |
| PHI220 | Introduction to Ethics | 3 | *PHL205 | Ethics | 3 |
| MAT174 | Introduction to Statistics | 3 | CIS majors are allowed to take MTH 160, Basic Statistics | | |
| MAT260 | Discrete Mathematics | 3 | NO EQUIVALENCY | | |
| TSC101 | Fundamentals of Speech Communications | 3 | COM101 | Fundamentals of Speaking | 3 |

*Students transferring with 60 or more hours should take PHI 220 at Siena Heights to fulfill a residency requirement.

Core Requirements (15 semester hours required)

| Siena Heights University | | | Washtenaw Community College | | |
|--------------------------|-------------------------------|--------------|-----------------------------|--|--------------|
| Course Number | Course Title | Credit Hours | Course Number | Course Title | Credit Hours |
| CIS119 | Visual Basic Programming | 3 | CPS185 | Intro to Visual Basic .Net Programming | 4 |
| CIS218 | Introduction to Info. Systems | 3 | CIS110 | Intro to Computer Information Systems | 3 |
| CIS252 | Introduction to C++ | | CPS271 | Object Features of C++ | 4 |
| CIS353 | Systems Analysis | 3 | NO EQUIVALENCY | | |
| CIS363 | Database Management Systems | 3 | NO EQUIVALENCY | | |

Concentrations (18 semester hours: choose one of the three following options):

1. Information Systems

| Siena Heights University | | | Jackson Community College | | |
|--------------------------|-----------------------------------|--------------|---------------------------|--------------|--------------|
| Course Number | Course Title | Credit Hours | Course Number | Course Title | Credit Hours |
| CIS340 | Java Programming | 3 | NO EQUIVALENCY | | |
| CIS__ | Approved Elective (300/400 level) | 3 | NO EQUIVALENCY | | |
| CIS443 | Data Communication | 3 | NO EQUIVALENCY | | |
| CIS465 | Management Information Systems | 3 | NO EQUIVALENCY | | |
| CIS480 | Internship | 3 | NO EQUIVALENCY | | |
| CIS495 | Senior Project | 3 | NO EQUIVALENCY | | |

2. Networking

| | | | | | |
|--------|-----------------------------------|---|----------------|--|--|
| CIS370 | Network Operating Systems | 3 | NO EQUIVALENCY | | |
| CIS__ | Approved Elective (300/400 level) | 3 | NO EQUIVALENCY | | |
| CIS443 | Data Communication | 3 | NO EQUIVALENCY | | |
| CIS470 | Data and Network Assurance | 3 | NO EQUIVALENCY | | |
| CIS480 | Internship | 3 | NO EQUIVALENCY | | |
| CIS495 | Senior Project | 3 | NO EQUIVALENCY | | |

3. Web Development

| | | | | | |
|--------|-----------------------------------|---|----------------|--|--|
| CIS340 | Java Programming | 3 | NO EQUIVALENCY | | |
| CIS__ | Approved Elective (300/400 level) | 3 | NO EQUIVALENCY | | |
| CIS460 | Web Development | 3 | NO EQUIVALENCY | | |
| CIS480 | Internship | 3 | NO EQUIVALENCY | | |
| CIS485 | Special Topics | 3 | NO EQUIVALENCY | | |
| CIS495 | Senior Project | 3 | NO EQUIVALENCY | | |

Last Updated: September 2007, SHU Catalog: 2006-2008

Students are encouraged to call Sara Johnson, Coordinator of Transfer Student Services at 517-264-7185 to schedule an advising appointment. Additional degree and/or major requirements and restrictions may apply