

**COLLEGE OF BUSINESS ADMINISTRATION**  
**LIST OF PROFESSIONAL ELECTIVES BY SPECIALIZATION**

| <b>COMPUTERIZED INFORMATION SYSTEMS</b> |   |                |   |
|---|---|----------------|---|
| <b>COURSE</b>                           | <b>TITLE</b>  | <b>CREDITS</b> | <b>PREREQUISITES</b>  |
| ADMI 4997                               | BUSINESS PRACTICE FOR COOP STUDENTS                         | 3-6            | DIR   |
| COMP 3010                               | INTRODUCTION TO COMPUTER PROGRAMMING I                      | 3              | MATE 3171 or MATE 3173 or MATE 3005 or MATE 3143  |
| COMP 3075                               | INTRODUCTION TO DATA STRUCTURES                             | 3              | COMP 3110 or MATE 3110  |
| COMP 3110                               | INTRODUCTION TO COMPUTER PROGRAMMING II                     | 3              | COMP 3010   |
| SICI 3058                               | PROGRAMMING IN C LANGUAGE                                   | 3              | SICI 3029   |
| SICI 3066                               | INTRODUCTION TO PROGRAMMING FOR BUSINESS ANALYTICS          | 3              | -   |
| SICI 3108                               | FUNDAMENTALS OF WEB DESIGN                                  | 3              | SICI 3029 or COMP 3010 or ECAG 3007 or INGE 3016 or CIIC 3011 or CIIC 3015 or ADOF 3107 |
| SICI 4096                               | MANAGEMENT OF CONTEMPORARY ISSUES IN MIS                    | 3              | SICI 4046   |
| SICI 4144                               | BUSINESS PROGRAMMING LANGUAGES                              | 3              | SICI 3029   |
| SICI 4155                               | DECISION MAKING SUPPORT SYSTEMS                             | 3              | ADMI 3010 and ESTA 3002   |
| SICI 4157                               | ADVANCED DATA BASE CONCEPTS                                 | 3              | SICI 4095   |
| SICI 4168                               | INFORMATION SYSTEMS AUDITING                                | 3              | SICI 4046 and CONT 3011   |
| SICI 4175                               | INTRODUCTION TO JAVA PROGRAMMING                            | 3              | SICI 3029 or COMP 3010 or INGE 3016   |
| SICI 4185                               | INTRODUCTION TO PROGRAMMING FOR MOBILE DEVICES              | 3              | SICI 3029   |
| SICI 4186                               | COMPUTER AND MOBILE FORENSICS INVESTIGATIONS                | 3              | ADMI 3010 or DIR  |
| SICI 4187                               | SECURITY PLUS   | 3              | ADMI 3010 and DIR   |
| SICI 4308                               | NETWORKING AND ROUTING FUNDAMENTALS                         | 3              | MATE 3063 or SICI 4088 or SICI 4089 or COMP 3075  |
| SICI 4995                               | COMPUTERIZED INFORMATION SYSTEMS INTERNSHIP                 | 1-6            | SICI 4046 and DIR   |
| SICI 4996                               | COMPUTERIZED INFORMATION SYSTEMS PRACTICE FOR COOP STUDENTS | 3-9            | SICI 4046 or SICI 4087 and DIR  |
| SICI 5318                               | INTERMEDIATE ROUTING, SWITCHING AND WIDE AREA NETWORKS      | 3              | INEL 4308 or ICOM 4308 or SICI 4308 or COMP 4308 or DIR                                 |

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