

**Bachelor of Science, Cyber Security Systems (CSEC)**  
**SCHOOL OF MEDIA & DESIGN**  
**2017-2019**

| <b>Freshman Year: First Semester</b>                          |  | <b>Hrs.</b> |
|---------------------------------------------------------------|--|-------------|
| CSEC 1305 Personal Security                                   |  | 3           |
| CIS 2328 Hardware & Systems Software                          |  | 3           |
| CIS 2330 Programming Languages I                              |  | 3           |
| Suggested Core: ENGL 1311 Composition I                       |  | 3           |
| Suggested Core: MATH 2303 Probability & Statistics            |  | 3           |
| <b>Total hours</b>                                            |  | <b>15</b>   |
| <b>Sophomore Year: First Semester</b>                         |  | <b>Hrs.</b> |
| CIS 3340 Client-Server Networks                               |  | 3           |
| CIS 2350 UNIX/Linux Operating Systems                         |  | 3           |
| CIS 3367 Networks & Telecommunications                        |  | 3           |
| Suggested Core: 1st semester of a Modern Language             |  | 3           |
| Suggested Core: PHIL 1381 Introduction to Philosophy          |  | 3           |
| <b>Total hours</b>                                            |  | <b>15</b>   |
| <b>Junior Year: First Semester</b>                            |  | <b>Hrs.</b> |
| CIS 4340 Windows Systems Security                             |  | 3           |
| CIS 3319 Internship in CIS/CSEC                               |  | 3           |
| CIS 3310 Database Systems Management                          |  | 3           |
| Suggested Core: RELS Religious Studies ( <i>see options</i> ) |  | 3           |
| Suggested Core: HIST History ( <i>see options</i> )           |  | 3           |
| <b>Total hours</b>                                            |  | <b>15</b>   |
| <b>Senior Year: First Semester</b>                            |  | <b>Hrs.</b> |
| CSEC 3350 Intrusion Detection & Response                      |  | 3           |
| CIS 3345 Digital Forensics                                    |  | 3           |
| CSEC 4320 Risk Mgt. & Policy                                  |  | 3           |
| CSEC 4390 Practicum (or Honors CSEC 43RCH)                    |  | 3           |
| Suggested: Fine Arts (ARTS/ARTH/DANC/MUSI/THAR)               |  | 3           |
|                                                               |  |             |
| <b>Total hours</b>                                            |  | <b>15</b>   |

| <b>Freshman Year: Second Semester</b>                          |  | <b>Hrs.</b> |
|----------------------------------------------------------------|--|-------------|
| CSEC 2300 Foundations of Cyber Sec.                            |  | 3           |
| CIS2335 Network+                                               |  | 3           |
| CIS 2340 Windows Operating Systems                             |  | 3           |
| Suggested Core: ENGL 1312 Composition II                       |  | 3           |
| Suggested Core: ECON 2301 Macroeconomics                       |  | 3           |
| <b>Total hours</b>                                             |  | <b>15</b>   |
| <b>Sophomore Year: Second Semester</b>                         |  | <b>Hrs.</b> |
| CSEC 3370 Legal Issues in CSEC                                 |  | 3           |
| CIS 2368 Website Development I                                 |  | 3           |
| CIS 3362 Systems Analysis & Design                             |  | 3           |
| Suggested Core: 2nd semester of a Modern Language              |  | 3           |
| Suggested Core: ENGL 2310 World Literature Studies             |  | 3           |
| <b>Total hours</b>                                             |  | <b>15</b>   |
| <b>Junior Year: Second Semester</b>                            |  | <b>Hrs.</b> |
| CIS 4310 Management of Technology                              |  | 3           |
| CIS 4355 Cloud Computing                                       |  | 3           |
| CIS 3325 Linux Networking                                      |  | 3           |
| Suggested Core: Science Course with Lab ( <i>see options</i> ) |  | 4           |
| Suggested Core: Adv. PHIL or RELS Course (3000+)               |  | 3           |
| <b>Total hours</b>                                             |  | <b>16</b>   |
| <b>Senior Year: Second Semester</b>                            |  | <b>Hrs.</b> |
| CIS 4370 Network Security                                      |  | 3           |
| CIS 3335 Cryptography                                          |  | 3           |
| CSEC 3327 Information Assurance                                |  | 3           |
| CSEC 3370 Net Security Management                              |  | 3           |
| Suggested: DWHP 1200 Dimensions of Wellness                    |  | 2           |
| Suggested Core: PEHP Physical Fitness course                   |  | 1           |
| <b>Total hours</b>                                             |  | <b>15</b>   |

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Cyber Security Specialization

| Freshman Year: First Semester                                     |  | Hrs. |
|-------------------------------------------------------------------|--|------|
| CIS 1301 Computer Information Systems                             |  | 3    |
| CIS 2328 Hardware & Systems Software                              |  | 3    |
| Suggested Core: ENGL 1311 Composition I                           |  | 3    |
| Suggested Core: 1st semester of a Modern Language                 |  | 3    |
| Suggested Core: MATH 1304/1308/1310 or higher                     |  | 3    |
| Total hours                                                       |  | 15   |
| Sophomore Year: First Semester                                    |  | Hrs. |
| CIS 2350 Linux Operating Systems                                  |  | 3    |
| CIS 2368 Website Development I                                    |  | 3    |
| CIS 2335 Network+                                                 |  | 3    |
| Suggested Core: PHIL 1381 Introduction to Philosophy              |  | 3    |
| Suggested Core: ECON 2302 Microeconomics                          |  | 3    |
| Total hours                                                       |  | 15   |
| Junior Year: First Semester                                       |  | Hrs. |
| CIS 4340 Computer Systems Security                                |  | 3    |
| CIS 3340 Client-Server Networking                                 |  | 3    |
| 1st <a href="#">Additional CIS Specialization Course (Note 1)</a> |  | 3    |
| Suggested Core: RELS Religious Studies ( <i>see options</i> )     |  | 3    |
| Elective Course                                                   |  | 3    |
| Total hours                                                       |  | 15   |
| Senior Year: First Semester                                       |  | Hrs. |
| CIS 4310 Management of Technology                                 |  | 3    |
| CIS 3319 Internship in CIS                                        |  | 3    |
| CIS 3345 Digital Forensics                                        |  | 3    |
| Elective Course                                                   |  | 3    |
| Elective Course                                                   |  | 3    |
| Elective Course                                                   |  | 1+   |
| Total hours                                                       |  | 16   |

| Freshman Year: Second Semester                                    |  | Hrs. |
|-------------------------------------------------------------------|--|------|
| CIS 2340 Windows Operating Systems                                |  | 3    |
| CIS 2330 Programming Languages I                                  |  | 3    |
| Suggested Core: ENGL 1312 Composition II                          |  | 3    |
| Suggested Core: 2nd semester of a Modern Language                 |  | 3    |
| Suggested Core: ECON 2301 Macroeconomics                          |  | 3    |
| Total hours                                                       |  | 15   |
| Sophomore Year: Second Semester                                   |  | Hrs. |
| CIS 3362 Systems Analysis & Design                                |  | 3    |
| CIS 3367 Networks & Telecommunications                            |  | 3    |
| Suggested Core: ENGL 2310 World Literature Studies                |  | 3    |
| Suggested Core: HIST History ( <i>see options</i> )               |  | 3    |
| Suggested: Fine Arts (ARTS/ARTH/DANC/MUSI/THAR)                   |  | 3    |
| Total hours                                                       |  | 15   |
| Junior Year: Second Semester                                      |  | Hrs. |
| CIS 4190 Seminar in CIS                                           |  | 1    |
| CIS 4370 Network Security                                         |  | 3    |
| CIS 3335 Cryptography                                             |  | 3    |
| Suggested Core: Science Course with Lab ( <i>see options</i> )    |  | 4    |
| Suggested Core: Adv. PHIL or RELS Course (3000+)                  |  | 3    |
| Total hours                                                       |  | 14   |
| Senior Year: Second Semester                                      |  | Hrs. |
| CIS 4390 Capstone in CIS                                          |  | 3    |
| 2nd <a href="#">Additional CIS Specialization Course (Note 1)</a> |  | 3    |
| Any Advanced Course (3000+)                                       |  | 3    |
| Elective Course                                                   |  | 3    |
| Suggested: DWHP 1200 Dimensions of Wellness                       |  | 2    |
| Suggested Core: PEHP Physical Fitness course                      |  | 1    |
| Total hours                                                       |  | 15   |

**Note 1:** Specialization options include CIS 3310, CIS 3325, CIS 3330, CIS 3345, CIS 3360, CIS 3365, CIS 3380, CIS 4330, CIS 4355, CIS 4375, CIS 4380

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Computer Programming Specialization

| Freshman Year: First Semester                                       |  | Hrs. |
|---------------------------------------------------------------------|--|------|
| CIS 1301 Computer Information Systems                               |  | 3    |
| CIS 2328 Hardware & Systems Software                                |  | 3    |
| Suggested Core: ENGL 1311 Composition I                             |  | 3    |
| Suggested Core: 1st semester of a Modern Language                   |  | 3    |
| Suggested Core: MATH 1304/1308/1310 or higher                       |  | 3    |
| Total hours                                                         |  | 15   |
| Sophomore Year: First Semester                                      |  | Hrs. |
| CIS 2350 Linux Operating Systems                                    |  | 3    |
| CIS 2368 Website Development I                                      |  | 3    |
| CIS 2335 Network+                                                   |  | 3    |
| Suggested Core: PHIL 1381 Introduction to Philosophy                |  | 3    |
| Suggested Core: ECON 2302 Microeconomics                            |  | 3    |
| Total hours                                                         |  | 15   |
| Junior Year: First Semester                                         |  | Hrs. |
| CIS 4190 Seminar in CIS                                             |  | 1    |
| 1st Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3    |
| 2nd Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3    |
| Suggested Core: RELS Religious Studies ( <i>see options</i> )       |  | 3    |
| Elective Course                                                     |  | 3    |
| Elective Course                                                     |  | 3    |
| Total hours                                                         |  | 16   |
| Senior Year: First Semester                                         |  | Hrs. |
| CIS 4310 Management of Technology                                   |  | 3    |
| CIS 3319 Internship in CIS                                          |  | 3    |
| CIS 4330 Object-Oriented Programming                                |  | 3    |
| Elective Course                                                     |  | 3    |
| Elective Course                                                     |  | 3    |
| Total hours                                                         |  | 15   |

| Freshman Year: Second Semester                                 |  | Hrs. |
|----------------------------------------------------------------|--|------|
| CIS 2340 Windows Operating Systems                             |  | 3    |
| CIS 2330 Programming Languages I                               |  | 3    |
| Suggested Core: ENGL 1312 Composition II                       |  | 3    |
| Suggested Core: 2nd semester of a Modern Language              |  | 3    |
| Suggested Core: ECON 2301 Macroeconomics                       |  | 3    |
| Total hours                                                    |  | 15   |
| Sophomore Year: Second Semester                                |  | Hrs. |
| CIS 3362 Systems Analysis & Design                             |  | 3    |
| CIS 3367 Networks & Telecommunications                         |  | 3    |
| Suggested Core: ENGL 2310 World Literature Studies             |  | 3    |
| Suggested Core: HIST History ( <i>see options</i> )            |  | 3    |
| Suggested: Fine Arts (ARTS/ARTH/DANC/MUSI/THAR)                |  | 3    |
| Total hours                                                    |  | 15   |
| Junior Year: Second Semester                                   |  | Hrs. |
| CIS 4340 Computer Systems Security                             |  | 3    |
| CIS 3330 Programming Languages II                              |  | 3    |
| CIS 3360 Computer Science                                      |  | 3    |
| Suggested Core: Science Course with Lab ( <i>see options</i> ) |  | 4    |
| Suggested Core: Adv. PHIL or RELS Course (3000+)               |  | 3    |
| Total hours                                                    |  | 16   |
| Senior Year: Second Semester                                   |  | Hrs. |
| CIS 4390 Capstone in CIS                                       |  | 3    |
| Any Advanced Course (3000+)                                    |  | 3    |
| Elective Course                                                |  | 3    |
| Elective Course                                                |  | 3    |
| Suggested: DWHP 1200 Dimensions of Wellness                    |  | 2    |
| Suggested Core: PEHP Physical Fitness course                   |  | 1    |
| Total hours                                                    |  | 15   |

**Note 1:** Specialization options include CIS 3310, CIS 3325, CIS 3335, CIS 3340, CIS 3345, CIS 3365, CIS 3380, CIS 4355, CIS 4370, CIS 4375, CIS 4380

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Cyber Networking Specialization

| Freshman Year: First Semester                                       |  | Hrs. |
|---------------------------------------------------------------------|--|------|
| CIS 1301 Computer Information Systems                               |  | 3    |
| CIS 2328 Hardware & Systems Software                                |  | 3    |
| Suggested Core: ENGL 1311 Composition I                             |  | 3    |
| Suggested Core: 1st semester of a Modern Language                   |  | 3    |
| Suggested Core: MATH 1304/1308/1310 or higher                       |  | 3    |
| Total hours                                                         |  | 15   |
| Sophomore Year: First Semester                                      |  | Hrs. |
| CIS 2350 Linux Operating Systems                                    |  | 3    |
| CIS 2368 Website Development I                                      |  | 3    |
| CIS 2335 Network+                                                   |  | 3    |
| Suggested Core: PHIL 1381 Introduction to Philosophy                |  | 3    |
| Suggested Core: ECON 2302 Microeconomics                            |  | 3    |
| Total hours                                                         |  | 15   |
| Junior Year: First Semester                                         |  | Hrs. |
| CIS 4190 Seminar in CIS                                             |  | 1    |
| CIS 3340 Client-Server Networking                                   |  | 3    |
| 1st Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3    |
| Suggested Core: RELS Religious Studies ( <i>see options</i> )       |  | 3    |
| Elective Course                                                     |  | 3    |
| Elective Course                                                     |  | 3    |
| Total hours                                                         |  | 16   |
| Senior Year: First Semester                                         |  | Hrs. |
| CIS 4310 Management of Technology                                   |  | 3    |
| CIS 3319 Internship in CIS                                          |  | 3    |
| 2nd Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3    |
| Elective Course                                                     |  | 3    |
| Elective Course                                                     |  | 3    |
| Total hours                                                         |  | 15   |

| Freshman Year: Second Semester                                 |  | Hrs. |
|----------------------------------------------------------------|--|------|
| CIS 2340 Windows Operating Systems                             |  | 3    |
| CIS 2330 Programming Languages I                               |  | 3    |
| Suggested Core: ENGL 1312 Composition II                       |  | 3    |
| Suggested Core: 2nd semester of a Modern Language              |  | 3    |
| Suggested Core: ECON 2301 Macroeconomics                       |  | 3    |
| Total hours                                                    |  | 15   |
| Sophomore Year: Second Semester                                |  | Hrs. |
| CIS 3362 Systems Analysis & Design                             |  | 3    |
| CIS 3367 Networks & Telecommunications                         |  | 3    |
| Suggested Core: ENGL 2310 World Literature Studies             |  | 3    |
| Suggested Core: HIST History ( <i>see options</i> )            |  | 3    |
| Suggested: Fine Arts (ARTS/ARTH/DANC/MUSI/THAR)                |  | 3    |
| Total hours                                                    |  | 15   |
| Junior Year: Second Semester                                   |  | Hrs. |
| CIS 4340 Computer Systems Security                             |  | 3    |
| CIS 3325 Linux Networking                                      |  | 3    |
| CIS 4355 Cloud Computing                                       |  | 3    |
| Suggested Core: Science Course with Lab ( <i>see options</i> ) |  | 4    |
| Suggested Core: Adv. PHIL or RELS Course (3000+)               |  | 3    |
|                                                                |  | 3    |
| Total hours                                                    |  | 16   |
| Senior Year: Second Semester                                   |  | Hrs. |
| CIS 4390 Capstone in CIS                                       |  | 3    |
| Any Advanced Course (3000+)                                    |  | 3    |
| Elective Course                                                |  | 3    |
| Elective Course                                                |  | 3    |
| Suggested: DWHP 1200 Dimensions of Wellness                    |  | 2    |
| Suggested Core: PEHP Physical Fitness course                   |  | 1    |
| Total hours                                                    |  | 15   |

**Note 1:** Specialization options include CIS 3310, CIS 3330, CIS 3335, CIS 3345, CIS 3360, CIS 3365, CIS 3380, CIS 4330, CIS 4370, CIS 4375, CIS 4380

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Emerging Technologies Specialization

| Freshman Year: First Semester                                       |  | Hrs.      |
|---------------------------------------------------------------------|--|-----------|
| CIS 1301 Computer Information Systems                               |  | 3         |
| CIS 2328 Hardware & Systems Software                                |  | 3         |
| Suggested Core: ENGL 1311 Composition I                             |  | 3         |
| Suggested Core: 1st semester of a Modern Language                   |  | 3         |
| Suggested Core: MATH 1304/1308/1310 or higher                       |  | 3         |
| <b>Total hours</b>                                                  |  | <b>15</b> |
| Sophomore Year: First Semester                                      |  | Hrs.      |
| CIS 2350 Linux Operating Systems                                    |  | 3         |
| CIS 2368 Website Development I                                      |  | 3         |
| CIS 2335 Network+                                                   |  | 3         |
| Suggested Core: PHIL 1381 Introduction to Philosophy                |  | 3         |
| Suggested Core: ECON 2302 Microeconomics                            |  | 3         |
| <b>Total hours</b>                                                  |  | <b>15</b> |
| Junior Year: First Semester                                         |  | Hrs.      |
| CIS 4190 Seminar in CIS                                             |  | 1         |
| COMM 1301 Intro to Mass Communication                               |  | 3         |
| CIS 3380 Emerging Technologies                                      |  | 3         |
| Suggested Core: RELS Religious Studies ( <i>see options</i> )       |  | 3         |
| Elective Course                                                     |  | 3         |
| Elective Course                                                     |  | 3         |
| <b>Total hours</b>                                                  |  | <b>16</b> |
| Senior Year: First Semester                                         |  | Hrs.      |
| CIS 4310 Management of Technology                                   |  | 3         |
| CIS 3319 Internship in CIS                                          |  | 3         |
| COMM 4305 Communication, Tech., & Society                           |  | 3         |
| 2nd Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3         |
| Elective Course                                                     |  | 3         |
| <b>Total hours</b>                                                  |  | <b>15</b> |

| Freshman Year: Second Semester                                      |  | Hrs.      |
|---------------------------------------------------------------------|--|-----------|
| CIS 2340 Windows Operating Systems                                  |  | 3         |
| CIS 2330 Programming Languages I                                    |  | 3         |
| Suggested Core: ENGL 1312 Composition II                            |  | 3         |
| Suggested Core: 2nd semester of a Modern Language                   |  | 3         |
| Suggested Core: ECON 2301 Macroeconomics                            |  | 3         |
| <b>Total hours</b>                                                  |  | <b>15</b> |
| Sophomore Year: Second Semester                                     |  | Hrs.      |
| CIS 3362 Systems Analysis & Design                                  |  | 3         |
| CIS 3367 Networks & Telecommunications                              |  | 3         |
| Suggested Core: ENGL 2310 World Literature Studies                  |  | 3         |
| Suggested Core: HIST History ( <i>see options</i> )                 |  | 3         |
| Suggested: Fine Arts (ARTS/ARTH/DANC/MUSI/THAR)                     |  | 3         |
| <b>Total hours</b>                                                  |  | <b>15</b> |
| Junior Year: Second Semester                                        |  | Hrs.      |
| CIS 4340 Computer Systems Security                                  |  | 3         |
| 1st Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3         |
| CIS 4380 Virtual Environments                                       |  | 3         |
| Suggested Core: Science Course with Lab ( <i>see options</i> )      |  | 4         |
| Suggested Core: Adv. PHIL or RELS Course (3000+)                    |  | 3         |
| <b>Total hours</b>                                                  |  | <b>16</b> |
| Senior Year: Second Semester                                        |  | Hrs.      |
| CIS 4390 Capstone in CIS                                            |  | 3         |
| Any Advanced Course (3000+)                                         |  | 3         |
| Elective Course                                                     |  | 3         |
| Suggested: DWHP 1200 Dimensions of Wellness                         |  | 2         |
| Suggested Core: PEHP Physical Fitness course                        |  | 1         |
| Elective Course                                                     |  | 1+        |
| <b>Total hours</b>                                                  |  | <b>13</b> |

**Note 1:** Specialization options include CIS 3310, CIS 3325, CIS 3330, CIS 3335, CIS 3340, CIS 3345, CIS 3360, CIS 3365, CIS 4330, CIS 4355, CIS 4370, CIS 4375

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Website Development Specialization

| Freshman Year: First Semester                                       |  | Hrs. |
|---------------------------------------------------------------------|--|------|
| CIS 1301 Computer Information Systems                               |  | 3    |
| CIS 2328 Hardware & Systems Software                                |  | 3    |
| Suggested Core: ENGL 1311 Composition I                             |  | 3    |
| Suggested Core: 1st semester of a Modern Language                   |  | 3    |
| Suggested Core: MATH 1304/1308/1310 or higher                       |  | 3    |
| Total hours                                                         |  | 15   |
| Sophomore Year: First Semester                                      |  | Hrs. |
| CIS 2350 Linux Operating Systems                                    |  | 3    |
| CIS 2368 Website Development I                                      |  | 3    |
| CIS 2335 Network+                                                   |  | 3    |
| Suggested Core: PHIL 1381 Introduction to Philosophy                |  | 3    |
| Suggested Core: ECON 2302 Microeconomics                            |  | 3    |
| Total hours                                                         |  | 15   |
| Junior Year: First Semester                                         |  | Hrs. |
| CIS 4190 Seminar in CIS                                             |  | 1    |
| CIS 3310 Database Systems Management                                |  | 3    |
| 1st Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3    |
| Suggested Core: RELS Religious Studies ( <i>see options</i> )       |  | 3    |
| Elective Course                                                     |  | 3    |
| Elective Course                                                     |  | 3    |
| Total hours                                                         |  | 16   |
| Senior Year: First Semester                                         |  | Hrs. |
| CIS 4310 Management of Technology                                   |  | 3    |
| CIS 3319 Internship in CIS                                          |  | 3    |
| CIS 4375 Dynamic Websites                                           |  | 3    |
| Elective Course                                                     |  | 3    |
| Elective Course                                                     |  | 3    |
| Total hours                                                         |  | 15   |

| Freshman Year: Second Semester                                      |  | Hrs. |
|---------------------------------------------------------------------|--|------|
| CIS 2340 Windows Operating Systems                                  |  | 3    |
| CIS 2330 Programming Languages I                                    |  | 3    |
| Suggested Core: ENGL 1312 Composition II                            |  | 3    |
| Suggested Core: 2nd semester of a Modern Language                   |  | 3    |
| Suggested Core: ECON 2301 Macroeconomics                            |  | 3    |
| Total hours                                                         |  | 15   |
| Sophomore Year: Second Semester                                     |  | Hrs. |
| CIS 3362 Systems Analysis & Design                                  |  | 3    |
| CIS 3367 Networks & Telecommunications                              |  | 3    |
| Suggested Core: ENGL 2310 World Literature Studies                  |  | 3    |
| Suggested Core: HIST History ( <i>see options</i> )                 |  | 3    |
| Suggested: Fine Arts (ARTS/ARTH/DANC/MUSI/THAR)                     |  | 3    |
| Total hours                                                         |  | 15   |
| Junior Year: Second Semester                                        |  | Hrs. |
| CIS 4340 Computer Systems Security                                  |  | 3    |
| CIS 3365 Web Development II                                         |  | 3    |
| 2nd Additional CIS Specialization Course ( <a href="#">Note 1</a> ) |  | 3    |
| Suggested Core: Science Course with Lab ( <i>see options</i> )      |  | 4    |
| Suggested Core: Adv. PHIL or RELS Course (3000+)                    |  | 3    |
|                                                                     |  | 4    |
| Total hours                                                         |  | 16   |
| Senior Year: Second Semester                                        |  | Hrs. |
| CIS 4390 Capstone in CIS                                            |  | 3    |
| Any Advanced Course (3000+)                                         |  | 3    |
| Elective Course                                                     |  | 3    |
| Elective Course                                                     |  | 1+   |
| Suggested: DWHP 1200 Dimensions of Wellness                         |  | 2    |
| Suggested Core: PEHP Physical Fitness course                        |  | 1    |
| Total hours                                                         |  | 13   |

Note 1: Specialization options include CIS 3325, CIS 3330, CIS 3335, CIS 3340, CIS 3345, CIS 3360, CIS 3380, CIS 4330, CIS 4355, CIS 4370, CIS 4380