**Double Owl Pathway of Study**

**EFFECT TERM:2025 Fall**

**Undergraduate Program Name: BS in Cyber Security**

**Graduate Program Name: MS in Information Technology**

Pathway Description:

There is a strong demand for degrees in computing. According to Burning Glass, in 2019, the number of national postings for computing professionals exceeded 740,000, representing a 58% increase over the number of postings in 2010. Of these postings, 26% (192,000) required a master's degree. Of the top five occupations in demand, Information Technology is ranked #1 and has grown almost 60% in the last 10 years. The position of Software Developer is ranked 3rd nationwide, with a projected growth of more than 30% in the next 10 years. Producing qualified computing professionals is the central mission of KSU, and in doing so, it helps to satisfy the needs of our constituencies, including local, state, and national employers. The BS in Cybersecurity program is jointly offered by Information Technology, Information Systems, and Criminal Justice. About 50% of the courses are taught by IT, which allows students in BS in Cybersecurity to continue into graduate programs in computing with minimal additional coursework. This accelerated pathway will enable students to obtain a graduate degree within 5 years and give them further opportunities for leadership roles in the industry. Students who enter the industry with advanced degrees earn significantly higher salaries than those with only an undergraduate degree. Therefore, completing a graduate computing degree is an excellent financial choice. The MSIT program also prepares students seeking degrees beyond the master’s.

Course Pairs:

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| Double Owl Scholars will NOT take the following [UNGR Program] courses: | In their place, Double Owl Scholars will take the following [GRAD Program] courses: |
| CYBR 3100 - Principles of Cybersecurity | IT 6823 - Information Security Concepts & Administration |
| Major elective | IT 6433 – IT Management |
| Major elective | IT 6633 - Data Processing and Technologies |

**PATHWAY TOTAL:** BS Cybersecurity 120 + MSIT 30 – 9 hours from Double Owl = 141

Term Students apply for Double Owl Pathway: Year 2 Spring

Term Students can apply for full graduate admission: Year 4 Fall