B.S. in Cybersecurity Performance Indicators

1. Analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solutions
    a. (560) Analyze different design options (or database schemas) and identify their advantages and disadvantages
    b. (575) Analyze the performance of potential solution strategies
    c. (599) Analyze a complex computing problem to capture key requirements and constraints
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline
    a. (551) Comparison of security architectures for a specific problem
    b. (525) Implement a TLS connection and securely exchange data between two parties
    c. (599) Final presentation on design and implementation with an emphasis on how the project evolved to meet emerging challenges
3. Communicate effectively in a variety of professional contexts
    a. (560) Written report for final database project
    b. (115) A research paper including a discussion of diversity concerns regarding a chosen Computer Science topic
    c. (599) Oral presentation
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles
    a. (415) Recognize professional responsibilities and make informed judgments based on legal principles
    b. (415) Recognize professional responsibilities and make informed judgments based on ethical principles
5. Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline
    a. (525) Peer evaluations from team projects
    b. (560) Final database project
6. Apply security principles and practices to maintain operations in the presence of risks and threats
    a. (553) Select appropriate cryptographic building blocks to achieve a desired security property
    b. (655/755) Design a system architecture that fulfills specific safety/security goals