1. **LAIS 309 and POLS (TBD): Technology, Analysis, and Operations in Intelligence Agencies**, 3 cr., Hybrid Course, **Instructor: Staff**: This course provides an understanding of the role technology plays in the Intelligence Community, the structure/roles/missions of each of the agencies, how technology is applied to collect and analyze intelligence to provide a “decision advantage” to U.S. policy-makers. The course includes a broad overview and history of the U.S. Intelligence Community since the passage of the National Security Act of 1947. The students will be exposed to the “INTs (e.g. HUMINT, SIGINT, IMINT) and the national-level management of intelligence analysis and operations. They will also develop an understanding of how the “INTs” (including cyber intelligence collection/analysis) and the agencies work together at all phases of the “intelligence cycle” to provide significant technical and operational intelligence capabilities for national leaders. The course also covers military intelligence and the role it plays as part of the national intelligence effort. Students will assess, by way of case studies, examples of successes and failures in technical operations and explore the elements that contributed to both. They will also learn about the moral and ethical dimensions of intelligence, and the legal framework which governs operations and analysis. **Instructor permission required** (contact [gilfeath@unm.edu](mailto:gilfeath@unm.edu)). **Time**: TH 5:30 – 7:10 PM, UNM Learn used.

2. **LAIS 309 and ECE or CS (TBD): Introduction to Cyber and Data Security**, 3 cr., **Instructor: Chris Lamb**: This course is an introduction to concepts of cyber and data security including study of recent advanced threats and counter-methods. The course covers such recent threats and countermeasures as Stuxnet, Wannacry, and Hatman, as well as exploring data breaches, such as recent election and corporate hacking events. The course will review technical and policy reports examining both the overall strategy of the attackers and the specific tactics and technical techniques used. The course includes a student presentation on a relevant technical or policy topic chosen by the student with the instructor’s approval. Some knowledge of any programming language is recommended. Accessible to non-technical students though those with technical knowledge will be accommodated. **Instructor permission required to register** ([cclamb@unm.edu](mailto:cclamb@unm.edu)). **Not allowable for SOE credit. Time**: T 5:30 – 7:10 PM, UNM Learn used.

3. **LAIS 409 Independent Research & Writing**, 2 or 3 credits hours. **Instructor: Ken Carpenter and Frank Gilfeather**.

   Students will select a specific topic, conduct independent research, and write a research paper under the direction of the instructor and/or other approved faculty. Students who are completing the capstone paper required to earn the NSSA Certificate must to enroll for at least 2 credits and meet additional requirements. For details on completing the capstone requirements, see the capstone project requirement description page on the NSSP.edu website. **Instructor permission required to register** ([carpenk@unm.edu](mailto:carpenk@unm.edu)).