

WINTER 2024

Intl St 189—Cyberwarfare (CYBERWARFARE)

THIS COURSE BEGINS BY IDENTIFYING DIFFERENT MODES OF CYBERWAR, from the more benign such as denial of service and industrial espionage to the potentially lethal, such as cyberattacks targeting power grids and weapons systems. It differentiates between state-sponsored and non-state actors involved in cyberwarfare, and then proceeds with the following: first, the strategic (and non-strategic) interests behind cyberattacks from around the world; second, the military strategies and intelligence operations in response to cyberattacks; and third, the attempts to regulate some of the most lethal types of cyberwarfare at the global level. The course will also address the broader issue of information wars resulting from the development (if unintended) of various social media platforms such as Instagram, Twitter, YouTube, and Meta. Lastly, we will examine the role of large language models (e.g., ChatGPT) and other types of artificial intelligence on the future of cyberwarfare.

