# National Security
# Bachelor of Science Degree (B.S.)

## Course Requirements

| MAJOR COURSES | Qtr. hrs. credit |
|---|---|
| **JUS230 Terrorism** | 4 |

A study of the history and causes of terrorism, including an overview of the philosophies, objectives, strategies, technology, and response of democratic governments in combating terrorism. Concentrates on the structure and function of major terrorist groups. Includes an investigation of terrorist activities, legal viewpoints, and media responsibility.

Prerequisite: JUS100 or NTS102

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| **JUS302 Homeland Security** | 4 |

An introduction to the emerging issues of Homeland Security and potential terrorist threats. Includes the history of terrorism, the National Security Act, the events of September 11, and overall public safety challenges.

Prerequisite: JUS100 or NTS102

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| **JUS314 Introduction to Intelligence** | 4 |

Considers the intelligence function within the context of the Patriot Act. Topics include the use of informants, issues in police interrogation practices, Miranda warnings, electronic eavesdropping and surveillance, and the civil rights implications of electronic evidence.

Prerequisite: JUS100 or NTS102

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| **NTS102 Introduction to National Security** | 4 |

This course introduces students to the National Security program. Students completing this course will know the nature of the national security organizations and their responsibilities, be aware of the major strategic issues confronting the nation, and know the current national strategy for responding to national security threats.

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| **NTS110 Communication Skills for National Security** | 4 |

This course addresses communication perspectives informing national security, strategic intelligence, and the intelligence process. Students will examine U.S. National Security history, policy, the development of the Intelligence Community, and intelligence as processes of communication. Students participate in novel, team-based problem scenarios that provide the foundation for acquiring advanced cognitive analytic methods and strategies. Students will engage in interdisciplinary information science processes and will develop and present analytic products responding to National Security requirements.

Prerequisite: NTS102

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| **NTS215 Introduction to Emergency Management** | 4 |

Students will learn the basic principles of effective

emergency management as they have developed over the past six decades, including the rapid evolution of the field in this century.

Prerequisite: NTS102

### NTS255 Computer Applications in National Security

2

An introduction to the fundamental concepts concentrated with computers and applications systems in National Security. This course offers a survey of security and privacy issues in Cloud Computing systems, along with an overview of current best practices and available technologies. Students will learn how to use game theory to formally study **situations of potential conflict, such as situations where the** eventual outcome depends not just on your decision and chance, but the actions of others as well.

Prerequisites: CIS115, NTS102

### NTS256 Computers, Technology, and National Security

2

This course provides a broad conceptual overview of the role of technology and its implications for National Security in order to baseline students' understanding of this field. The various roles and responsibilities of key technological stakeholders, how technology is developed within the National Security departmental apparatus, and the concern of technological proliferation will be addressed. Lastly, since robotics or "autonomous systems" play an ever-increasing role in National Security, the use of such technology will be discussed.

Prerequisites: CIS115, NTS102

### NTS401 Emergency Planning

4

This course will provide students with the skills to develop a comprehensive plan for risk analysis, threat assessment, staffing an emergency operations center, coordinating with **supporting agencies, and creating a continuing testing** program. Actual case studies are used to teach students how to plan for natural disasters as well as terrorism at the federal, state, and local levels.

Prerequisite: NTS102

### NTS410 Research Methods in National Security

4

This course teaches students to design their own empirical research and evaluate the research of others, in all arenas of National Security. The course begins with an introduction to research and also exposes students to research within the field of National Security. The philosophy of social science and several theoretical approaches used in National Security will be examined. The details of social science research design, data collection, and data analysis through social science qualitative, comparative, and quantitative research methods will be addressed. Students will prepare an empirical research paper in an area of their interest directly related to National Security.

Prerequisite: NTS102

### NTS483 Internship

4

This course allows students to work in a position related to their course of study. Students integrate the skills and knowledge learned through their academic experiences and participate in focused online discussions and special online projects.

Prerequisite: BUS226

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| Select Homeland Security Specialization or Cyber Security Specialization below* | 36 |

**BUSINESS COURSES**

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| **BUS100 Business Organization and Management** | 4 |

Explores the nature and scope of business, examines its component parts, and describes how businesses are organized and managed. Students will learn about the various internal and external forces that comprise our business and economic system.

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| **BUS226 Career Management Seminar** | 2 |

Explores career development opportunities and strategies. Stresses entry-level job requirements and upward career paths. Covers resume writing skills, interviewing techniques, and the importance of professionalism. Continues the student's orientation to Berkeley College's computer framework, which includes content collection and compiling a professional ePortfolio.

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| **CIS115 Computer Applications** | 4 |

An introduction to computer technology with an emphasis on applications. Students learn how to use software packages, such as Microsoft Windows, Word, PowerPoint, and Excel. Includes an orientation to Berkeley College's computer framework, which includes Blackboard, content collection, and portfolio development.

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| **CIS204 Database Management Systems** | 2 |

Hands-on experience with well-known database management software applications, such as Microsoft Access. Topics include an introduction to database programming, multiple database files, query files, reports, and the planning, development, and implementation of database systems.

Prerequisite: CIS115

**LIBERAL ARTS COURSES\*\***

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| **ENG105 Expository Writing** | 4 |

An introduction to expository writing through a comprehensive survey of forms of composition. Students are taught to use words with precision, and strengthen their understanding and application of grammatical and rhetorical principles. Students are encouraged to appreciate and incorporate the principles of academic and professional writing.

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| **ENG106 Writing Through Literature** | 4 |

Strengthens the writing, reading, and interpretive abilities introduced in ENG105. Encourages students to develop an appreciation and understanding of various works of literature, and utilize literature to enhance critical thinking and writing.

Prerequisite: ENG105

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| **ENG115 Public Speaking** | 4 |

Designed to help students improve oral communication skills. Emphasis is placed on identifying good and poor speech habits, techniques for improving speech, oral interpretation, effective speech planning and delivery, and interpersonal communication.

Prerequisite: ENG106

### ENG315 Writing for the Workplace

4

Explores a wide variety of professional and creative writing modes, from personal profiles to blogging and beyond. Students will build their reading, writing, and researching skills, while reinforcing the fundamental concepts and current developments associated with the areas of their respective majors.

Prerequisite: ENG106

### GEC123 Introduction to Applied Psychology

4

A required course for first-quarter students that examines basic psychological concepts which can be helpful in adjusting to the college experience. Some of the subtopics covered include stress management, academic challenges, communication skills, time management, healthy relationships, positive thinking, conflict management, and balancing home/college/work.

### HUM225 Introduction to Ethics

4

Introduction to the study of ethics and moral philosophy, including its historical development, the major figures within that history, and some of the ethical and moral issues that face us today. Introduces students to the ideas of great thinkers throughout history and encourages students' own thinking on various ethical and moral issues.

### MAT211 College Algebra

4

Introduces students to solving problems by using geometric and algebraic approaches and appropriate technology. Topics include the Cartesian coordinate system, linear equations, absolute value, rational and exponential functions, systems of linear equations, and linear inequalities.

Prerequisite: CSK099 or placement

### MAT215 Statistics I

4

An introduction to statistical methods and procedures. Students become acquainted with the collection, analysis, and presentation of quantitative data. Topics include basic concepts of probability, frequency distributions, binomial distributions, sampling theory, hypothesis testing, and regression and correlation.

Prerequisite: MAT211

### SCI230 Forensic Science

4

An introduction to the application of science to law. Students are introduced to the field of forensic science through a hands-on approach to its applications to criminal investigations, with clear explanations of the techniques, abilities, and limitations of the modern crime laboratory and crime-scene analysis.

### SOC210 Introduction to Sociology

4

Examines the social institutions that shape and influence the behavior of the individual and groups in society, with emphasis on examining contemporary social problems. Topics include the foundation of the study of human social life, theories and methods of sociology, and basic sociological concepts.

### SOC215 Introduction to Political Science

4

An overview of the American political system, the ideas that

shaped it, and the conflicts that continue to redefine the relationship between people and political power.

### SOC225 Introduction to Psychology 4

Examines the basic principles of psychology and their direct application to the understanding of human behavior. Topics include human development, learning, memory, thinking, intelligence, creativity, motivation, emotion, adjustment, perception, abnormal behavior, and therapy.

### SOC318 Drugs and Drug Policy 4

Provides students with a comprehensive understanding of the misuse of legal and illegal psychoactive drugs. Explores the different control policies regarding the enforcement of the use, sale, and manufacture of illegal drugs. Fosters awareness concerning the effects of drugs on users, and the different dimensions in enforcing drug policy.

### SOC320 Gender, Race, and Class 4

Explores relationships between race, gender, and class. Examines reality in the determination of socioeconomic mobility, and analyzes the perceived role of race and gender in American society.

### SOC415 Global Social Change 4

Explores global trends that have impacted all societies. Emphasizes developing nations experiencing extensive technological and social change. Students examine case studies which focus on ethnic separatist and religious fundamentalist movements that emerge as rapid modernization processes erode traditional belief systems.

### SOC425 Abnormal Psychology 4

Examines the criteria used to define abnormal behavior in specific cultural and historical contexts. Students gain an understanding of experiential and therapeutic responses to mental illness and a basic knowledge of the medical model as it applies to the diagnosis and treatment of psychological disorders.

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| Humanities Electives | 8 |
| Mathematics/Science Elective | 4 |
| Liberal Arts Electives | 8 |
| General Education Core Humanities Elective | 4 |
| General Education Core Mathematics/Science Elective | 4 |

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180 QUARTER CREDIT HOURS REQUIRED FOR GRADUATION

In the final quarter most on-site courses are offered only during the late afternoon and early evening so as not to interfere with internships.

**HOMELAND SECURITY SPECIALIZATION\***

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| JUS405 Transporation Security | 4 |
| NTS216 U.S. Policy and National Security | 4 |
| NTS217 Ethics and Homeland Security | 4 |

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| NTS305 Domestic Terrorism and Violent Extremism | 4 |
| NTS306 Cryptography and Data Security | 4 |
| **NTS307 Threat and Risk Assessment** | 4 |
| NTS400 Weapons of Mass Destruction | 4 |
| **NTS403 National Security Law** | 4 |
| NTS404 Counterterrorism and Intelligence Analysis | 4 |

**OR**

**CYBER SECURITY SPECIALIZATION\***

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|---|---|
| ITM210 Introduction to Database Management | 4 |
| ITM250 Information Technology and Law | 4 |
| JUS401 Corporate Security Management | 4 |
| JUS402 Private Security Management | 4 |
| JUS403 Cyber Crime | 4 |
| NTS307 Threat and Risk Assessment | 4 |
| NTS308 Systems and Security Auditing | 4 |
| NTS402 Digital Forensics | 4 |
| NTS404 Counterterrorism and Intelligence Analysis | 4 |

\*\*24 Liberal Arts credits must be at the 300/400 level.

Eligibility for some internships required to obtain a Berkeley College degree and employment opportunities in fields related to this program may require candidates to meet specific health requirements or pass criminal background checks prescribed by law. Applicants for whom such requirements may be matters of concern are strongly advised to contact an Admissions counselor prior to enrolling in this program. Note that national security-related jobs typically require the candidate to be physically and mentally fit and have a valid driver's license, a clean driving record, no felony criminal record, no domestic violence charges (felony or misdemeanor), no loan/credit card defaults, and the ability to be licensed (via your agency or department) to carry a firearm. A selection process involving qualifying examination and/or supplementary training may also be required. Job requirements for non-sworn personnel in national security, criminal justice, and related agencies vary.

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- **SAMPLE PROGRAM SEQUENCE - CYBER SECURITY SPECIALIZATION**

- **SAMPLE PROGRAM SEQUENCE - HOMELAND SECURITY SPECIALIZATION**

- **B.S., National Security New Jersey Program Statistics**