

BACHELOR OF COUNTER TERRORISM SECURITY AND INTELLIGENCE

Course Code G99

This course adopts a contemporary international approach to Counter terrorism, Security and Intelligence. This course will prepare students for the new world of preventing, managing and responding to issues and events which are detrimental to individuals, organisations, communities and nations. The development of multi-skilled operators who are able to lead organisational and community initiatives in this field as well as provide expert advice and planning are key outcomes of these units. This course will provide the professional operator with underpinned knowledge of international relations, terrorism and its prevention/management, security in the community, organisational and infrastructure context and the skills to operate within a specialised branch or discipline within the counter terror arena.

ADMISSION REQUIREMENTS

Standard university admission requirements apply.

COURSE LOCATION

This course is available on Mt Lawley, and Joondalup Campuses.

Unit of study location is dependant on selected major.

MODE OF STUDY

This course is available by Full-time, or Part-time mode.

MODE OF DELIVERY

This course is available in the following modes of delivery - On-campus, and Off-campus.

Not all units of study are available in off campus mode. Please contact the course coordinator for suitable replacement offerings.

COURSE STRUCTURE

Students are required to complete 240 credit points (16 core units) offered across four schools and to choose a major of 120 credit points (8 units) offered from Security Science, Computer Studies, and Law and Justice.

YEAR ONE

(All core units)

Semester 1

SCY1101 Security and Risk Management
CSI1101 Computer Security
CRI1103 Criminology
ICS3000 Terrorism
or
POL3130 Themes in Global Politics

Semester 2

SCY1117 Intelligence Foundations
CSI2104 Introduction to Information Warfare
CSI2102 Information Security
PHR1102 Critical Thinking
or
MKT1101 Professional Communication I

At the end of Year one, students select one of three major streams.

YEAR TWO

Semester 1

SCY2112 Counterterrorism
POL3130 Themes in Global Politics
or
ICS3000 Terrorism
plus
2 major units

Semester 2

SCY2212 Security Risk
SCY3119 Critical Infrastructure Protection
Plus
2 major units

YEAR THREE

Semester 1

PRN3120 PR Issues and Crisis Management

SCY3120 System Resilience

plus

2 major units

Semester 2

LAW2600 Terrorism and the Law

SCY3117 Security in Government

plus

2 major units

Security Management Major

MAAAAF

UNIT SET LOCATION

This unit set is available on Joondalup Campus.

MODE OF DELIVERY

This unit set is available in the following mode of delivery - On-campus.

SCY1103 Physical Security

SCY2111 Intrusion Detection Systems

SCY1108 Building Management Systems

SCY2402 Industrial Security Procedures

SCY3214 CCTV and Imaging Systems

SCY3302 Management of the Security Function

SCY3215 Security Project 1

SCY3207 Security Project 2

Computer Science Major

MAAAAS

UNIT SET LOCATION

This unit set is available on Joondalup Campus.

MODE OF DELIVERY

This unit set is available in the following mode of delivery - On-campus.

CSG2305 Computer Forensics

CSI3301 Computer Facilities Security

CSI3207 Network Security Fundamentals

CSG3309 IT Security Management

CSG3302 Internetwork Troubleshooting

or

CSG3466 Designing Network and Directory Services Infrastructure

CSG3308 Wireless Security

CSG2207 Project Methods and Professionalism

CSG3303 Applied IT Project

Criminology Major

MAAAAU

UNIT SET LOCATION

This unit set is available on Joondalup Campus.

MODE OF DELIVERY

This unit set is available in the following mode of delivery - On-campus.

CRI1103 Criminology

CRI1104 The Psychology of Criminal Behaviour

CRI1106 Minority Groups as Offenders and Victims

CRI2103 Correctional Studies - Theory and Practice

CRI3104 Organised Crime

CRI3101 Professional Ethics

CRI3107 Offender Profiling

CRI3108 Justice and Forensic Science

FURTHER INFORMATION

To obtain further information, please contact:

Student Support Officer

School of Engineering

Edith Cowan University

100 Joondalup Drive

JOONDALUP

WESTERN AUSTRALIA 6027

Telephone: (61 8) 6304 5831

Facsimile: (81 8) 6304 5811

Email: se@ecu.edu.au

Website: <http://www.security.ecu.edu.au/>

SCY1101 Security and Risk Management

This unit will introduce the student to security and risk management concepts. It will examine the development of security and the application of criminological theory to security. Students will be introduced to risk theory, and the assessment, analysis and management applied to risk. Students will consider the requirements for conducting and documenting security surveys. An introduction to crisis management theory, security planning, policy and procedures will be presented.

CSI1101 Computer Security

This unit covers the threats to computer systems and the countermeasures that can be put in place to minimise them. The areas covered are: aims of computer security and general computer security threats, malicious code including viruses, trojan horses, worms and other forms of hostile executable code. Students also consider the history and fundamental concepts of encryption, current encryption techniques and the social issues that surround the use of such techniques

CRI1103 Criminology

This unit will introduce students to the study of criminology, the theories of criminology and the explanations of crime. It will provide students with an overview of society and will explore the link between society and crime. Major criminological theories will be applied to the understanding of crime in the modern world.

ICS3000 Terrorism

This unit examines the multi-dimensions of terrorism including geographical, historical, political, cultural, and social. The inter-relationships among human rights, peace, conflict and terrorism will be explored to reveal the complexities of defining terrorism. A special focus of this unit is the study of the spatial expression of terrorism in states of conflict and sites of virtual information warfare.

POL3130 Themes in Global Politics

Globalisation is one of the most widely debated and far-reaching forces in the contemporary world. This unit provides an overview of the theories, components and impacts of globalisation. A framework consisting of the economic, social and political dimensions of globalisation is developed around which students are encouraged to critically examine issues including, the demands of the knowledge economy, the human impacts of global capitalism, the prospects of and threats

to global peace, and the position of less developed nations.

SCY1117 Intelligence Foundations

This unit is designed to introduce students to the structured process of information collation, analysis and management within a secure environment. Students will be introduced to the various concepts involved in the intelligence process. The relevance of the intelligence and information cycle, and its relationship with other aspects of security, such as crime and incident analysis and mapping, will be a core part of the unit. Students will also be introduced to methods of securing information and preparing and presenting analysis reports.

CSI2104 Introduction to Information Warfare

This unit will investigate the use of information/knowledge as a weapon and a target in competitive environments. On completion of this unit, the student should have firm grasp of the concept information warfare and its implications to the management of an organisation. Threats and opportunities from competitors or aggressors will be considered. The strategic, tactical, and operational implications of information warfare will be explored.

CSI2101 Information Security

This unit covers the basic principles and techniques used to protect information. The areas covered are: defining, identifying and classifying information as a resource, access control, information risk analysis, contingency planning, information technology systems, threats to information systems security, data security legislation, database systems and associated security, procedures for secure information flow, classification systems, document and record storage, case studies of information technology systems and abuse including fraud, industrial espionage, confidentiality and privacy breaches, data protection and copyright, and ethical issues associated with information security.

PHR1102 Critical Thinking

This unit provides an introduction to critical thinking both in university study and in professional employment. Clear, logical thought is enhanced and the skills of argument interpretation and evaluation are developed.

MKT1101 Professional Communication I

The ability to communicate effectively has been recognised as an essential skill for those

wanting to be successful in their studies, in their careers and personal relationships. This skills-based unit uses a number of practical activities to allow students to achieve these essential skills. Students will be given techniques and strategies to manage speech anxiety, think critically, research, package and deliver logical and persuasive messages, understand cultural and gender differences, become an effective listener and work effectively in a team. This unit addresses three main areas: organisational communication, oral communication, and written communication. Approximately 60% of the time is devoted to developing effective and persuasive oral skills and 40% to written skills.

SCY2112 Counterterrorism

This unit addresses the actions of terrorists and the responses to the terrorist threat. The unit seeks to develop and understanding of terrorist modus operandi and ways to counter terrorism. Based on this understanding the unit attempts to further develop knowledge regarding responses to terrorism. By looking at methods of terrorist organisations, the student will gain an understanding of how terrorist organisations operate, which will lead to knowledge of the methods to counter them.

SCY2212 Security Risk

PRE-REQUISITE : *SCY1101 – Security and Risk Management*

This unit builds on SCY1101 Security and Risk Management, introducing students to quantitative and qualitative risk analysis tools. Students will examine AS/NZS 4360:1999 Risk Management in more detail and will develop an understanding of how it can be applied outside security. The unit will consider other areas of risk such as organisational safety and human factors in risk.

SCY3119 Critical Infrastructure Protection

PRE-REQUISITE: *SCY1101 - Security and Risk Management*

Students will examine critical infrastructure protection. Students will also identify, define and explain the scientific principles, technologies, design, integration and application of critical infrastructure protection. Analysis of current national and international approaches will be considered.

PRN3120 PR Issues and Crisis Management

This unit examines the 'issues management' approach to PR practice. Life cycle issues, particularly the management of environmental

and consumer interests, will attract particular attention. Through the analysis of case studies the theory and principles of public relations are integrated with the practice of public relations. The unit includes practical experience in problem definition, strategic planning and analysis and includes implementation techniques. It will also focus on 'live' public relations issues (including negligent, accidental and hostile acts) active at the time the unit is being taught including responses to critical incidents.

SCY3120 System Resilience

PRE-REQUISITE: *SCY1101 - Security and Risk Management*

Students will examine organisational system resilience to identify, define and explain the principles, techniques, design, integration and application of business continuity within a security context. Analysis of national and international approaches will be covered.

LAW2600 Terrorism and the Law

This unit involves a detailed examination of international and domestic legislative responses to terrorism. Students will examine the role and means by which the United Nations and security organisations respond to terrorist acts, including the conflict between demands for tighter security with historical common law rights and freedoms. Key international responses to terrorism will be covered including invasion of privacy, detention for questioning, detention without trial, torture, use of pre-emptive strikes and the suppression of the financing of terrorism.

SCY3117 Security in Government

This unit will introduce students to the issues that any national, state or local government must consider in the development and implementation of security policies and procedures. The unit will develop an understanding of government decision making and security policy making, espionage and tamper evident security, terrorism and intelligence, private sector involvement in government security, privacy and security legislation, and security in public places.