Master of Research
SECURITY STUDIES and CRIMINOLOGY
2016 ~ Year 1

BACHELOR OF PHILOSOPHY

PROGRAM STRUCTURE

The Master of Research is a two-year program and is the main pathway to Macquarie’s Doctor of Philosophy (PhD) and Master of Philosophy (MPhil) programs. In Year 1 (BPhil) you will undertake advanced coursework units including the study of research frontiers in your area of study. Year 2 (MRes) is a masters-level postgraduate research training program. You will specialise in research preparation and focus on a specific research topic, and will be required to submit a research thesis of 20,000 words.

YEAR 1
Session 1 Units

Compulsory Faculty Unit
FOAR701
Research Paradigms

This unit provides a broad overview of the research paradigms that characterise the Arts, Humanities and Social Sciences.
Through FOAR701:
- The Faculty of Arts seeks to provide students with a constructive framework to recognise the possible contribution of diverse theoretical and disciplinary approaches.
- Students will learn to better recognise the assumptions that underpin diverse approaches, their strengths, and their relations to each other, especially to facilitate collaboration and the exchange of ideas.
- Students will have a strong grasp of the intellectual terrain across Arts disciplines, having become familiar with some of the core paradigms that have persisted in our fields, including through multiple variants over time.

PLUS
3 x Disciplinary and/or Transdisciplinary Units

YEAR 1
Session 2 Units

Compulsory Unit
MRES700
Research Communications

This unit aims to enable students to:
- communicate research effectively in different modes for different audiences;
- understand what it means to conduct and report responsibly in their discipline;
- participate in academic peer review practices; and
- appreciate the uses and relative merits of traditional and contemporary research communication practices.

Compulsory Faculty Unit
FOAR700
Research Frontiers 1

This unit is delivered by departments and provides an opportunity for students to engage with leading edge research in their discipline. Students will acquire advanced disciplinary knowledge, know about how research is carried out in a disciplinary area and will demonstrate competence in the application of research skills to the disciplinary area.

PLUS
2 x Disciplinary and/or Transdisciplinary Units
## DISCIPLINARY UNITS

### SESSION 1

**PICT704 Understanding International Security**  
The unit provides a comprehensive overview of the social construction of international security and compares and contrasts several different but overlapping theoretical and thematic approaches to international security that have recently arisen. Since the end of the Cold War, broader and deeper concepts of security have been unavoidable, given the limitations of realism and the challenges that have accompanied rapid globalisation and increased global disorder. As a result, there has been a growing concern about new drivers of non-traditional transnational security challenges. These new international security challenges, coupled with ongoing more traditional concerns, have significantly transformed the international security environment, and brought into question traditional state-centric assumptions about security.  
Session 1 – Evening  
Session 1 – External  
SSC staff  
Dr Adam Lockyer, Y3A – level 2, adam.lockyer@mq.edu.au

**PICT705 Understanding Foundations of Security Studies**  
This unit is a “gateway” unit into further study in Security Studies. It will introduce students to the theoretical foundations, essential concepts and central issues in the field of Security Studies. It will also further develop and refine students’ academic skills and literacy. This unit is structured around five “big questions”: 1) What am I doing here? 2) Is the state the greatest threat to, or best guarantor of, one’s security? 3) Will the United States and China go to war in our lifetime? 4) Why does the sole remaining Superpower keep losing? and 5) What are the greatest threats to humanity? These questions will be used as vehicles through which to survey the field of Security Studies more generally. At its conclusion, students will have acquired the necessary academic skills and conceptual knowledge to successfully pursue their postgraduate studies.  
Session 1 – Evening  
Session 1 – External  
Dr Adam Lockyer, Y3A – level 2, adam.lockyer@mq.edu.au

**PICT706 Understanding Cyber Security**  
In today’s world, organisations must be able to protect and defend against threats in cyberspace. This course provides a solid understanding of the theory and practice used to manage information security on computer systems and networks. Students will be exposed to multiple cyber security technologies, processes and procedures, learn how to analyse threats, vulnerabilities and risks present in these environments, and develop appropriate strategies to mitigate potential cyber security problems. Topics include: an overview of computer and communications security, risk assessment, human factors, identification and authentication, access controls, malicious software, software security and legal and ethical issues.  
Session 1 – Evening  
Session 1 – External  
SSC staff  
Dr Adam Lockyer, Y3A – level 2, adam.lockyer@mq.edu.au

### SESSION 2

**PICT707 Understanding Organised Crime**  
This unit explores the essential characteristics of organised crime by reference to sociological theories of causation and examination of case studies of the major criminal enterprises around the world, including those in the emerging democracies and ungoverned territories. It also traverses the nexus between organised crime and terrorism, its present impact and its future threat before examining state responses to this criminal phenomenon.  
Session 2 – Evening  
Session 2 – External  
SSC staff  
Dr Adam Lockyer, Y3A – level 2, adam.lockyer@mq.edu.au

**PICT708 Understanding the Architecture of Modern Intelligence**  
This unit examines the role of intelligence in a national security environment and presents a framework for the effective, efficient and rigorous production and utilisation of intelligence analysis product in support of national security. Students will examine modern-day threats to national security along with the intelligence requirements to combat these threats. Different levels of intelligence will be examined and a detailed look at modern-day intelligence practices will be undertaken. The use of relevant and modern case studies will be a unique feature of this unit, providing real-world scope and understanding of the architecture of modern intelligence.  
Session 2 – Evening  
Session 2 – External  
SSC staff  
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**PICT709 Understanding Asia-Pacific Security**  
This unit exposes students to significant issues relating to security studies in one of five identified areas. These five areas - policing, intelligence, counter terrorism, cybersecurity and international security - are central to an understanding of security within a rapidly changing global context. The unit challenges students to test the limits of research in a selected area of study and identify effective research methodologies relevant to this area.  
Session 2 – Evening  
Session 2 – External  
SSC staff  
Dr Adam Lockyer, Y3A – level 2, adam.lockyer@mq.edu.au