

**COVENTRY UNIVERSITY  
(UNITED KINGDOM)**

# **BSc(Hons) Risk and Emergency Management**

## **New Course Starts in October 2000**

### **INTRODUCTION**

This undergraduate course is a recent addition to the well-established and popular disaster management courses taught at Coventry University. This course is designed for students with career interests in business continuity management, emergency management, loss prevention and corporate risk management. It offers an ideal opportunity to explore the principles, methods and practices employed in mainstream business and industrial risk management.

### **COURSE STRUCTURE**

The course is modular with eight modules per year and will be normally taken as a three year, full-time course. There will be an opportunity to take a sandwich placement year from which to gain relevant work experience. It is anticipated that such placements will provide an opportunity for graduate career opportunities in public and private sector organizations.

### **COURSE CONTENT**

The course examines a range of approaches to risk management, their application and perceived value to the formulation of public and private sector emergency management practices. The course adopts a multidisciplinary approach to the practice of risk management and the study of emergencies. It will provide scope for the study of a range of key ideas affecting planning and response measures, as well as critically considering different types of organizational behavior influencing the adoption of operational and strategic perspectives. Risk-related decision making processes in management will be examined through the use of illustrative case studies and scenario building exercises which highlight current issues in environmental, technological and business risk practice. Emergency management simulations will offer an important interactive learning experience contributing to a greater understanding of complex emergency situations and the varied management response to risk.

### **Typical Study Programme**

THEME	STAGE 1	STAGE 2	STAGE 3
Risk Management	114DST Risk Theory I 115DST Risk Practice I 116DST Comms & IT	214DST Risk Theory II 215DST Risk Practice II	314DST Risk Analysis (2) 313DST Project (2)
Emergency Management	105DST Disaster Theory 112DST Field Operations & Incident Management	205DST Operational Disaster Relief 207DST Management 212 DST Principles Crisis Management	305DST Disaster Relief Strategies OR 307DST Disaster Studies
Construction Management and Finance	131CIV Civil Engineering Construction	208CIV Construction Management	309CIV Construction Finance
Environmental Risk Management	111DST Geology & Geohazards	211DST Natural Hazards 1	311DST Natural Hazards II
Recommended Free choice		206DST IT & Disaster Relief (half)	305DST Disaster Relief Strategies 307DST Disaster Studies
University Free Choice Module	Free Choice I	Free Choice II	Free Choice III

## THEME AREAS

By employing four key themes, the course provides a multi-disciplinary approach to the principles, practices and applications of modern risk management in a range of emergency scenarios and settings.

### **Risk Management**

In this theme you will gain an appreciation of the key concepts, methods and practices of modern risk management through a detailed exploration and evaluation of a range of structured approaches to hazard identification, vulnerability assessment and risk analysis. Loss issues including prevention, transfer, mitigation and control, as well as consideration of legal and political risk factors will be addressed through case studies, reports and table-top exercises. The identification, analysis and assessment of risk in each of the key themes will be an integrating feature and major element of the course.

### **Emergency Management**

In this theme you will look at the types of emergencies and disasters that have an affect on the environment in which we live. Over the three years of the course, you will study how emergencies are caused and the relationship between natural hazards and human activity. You will identify issues relating to crisis management and the management and

response mechanisms used to alleviate the distress caused in emergencies and disasters. You will also study the part played by the various stakeholders both during and after serious incidents and the social, psychological and legal implications of emergencies and disasters.

### **Construction Management and Project Risk Finance**

After completion you will be able to apply risk theory and risk analysis techniques to specific situations arising in the construction industry, in terms of both physical risks inherent in construction operations and the financial risks they bear. Risk management applications in this industry provide a practical exemplar of risk practice and will enable you to understand the implications of risk theory and techniques in an industrial setting. This study will prepare you for entry to an industrial career where there is an increasingly significant emphasis on the role of risk management.

### **Environmental Risk Management**

In this theme, you will explore those underlying concepts pertinent to the evolution and development of the natural environment and the extreme processes which can lead to natural and environmental emergencies. Across the three years, you will consider issues of cause and effect as well as learning to apply appropriate quantitative and qualitative methods of prediction and risk reduction. Case studies will be drawn from a range of environmental settings and global locations and used to reinforce a broader understanding of natural hazards and the environmental consequences of human interaction.

## **CAREER PROSPECTS ON COMPLETION OF THE DEGREE**

Graduates from this course will be appropriately qualified to assume early managerial roles in a variety of professional and business occupations within:

- Local Authorities (Emergency Management)
- Corporate Risk Management
- Insurance Industry
- Health & Safety Agencies
- Loss Adjusting Services
- Business Continuity Management
- International Aid Agencies
- Construction Management
- Industrial Risk Management

Contact the course leader Rob Gilchrist for more information