

Programme Learning Outcomes - Major in Risk Management

1. University Educational Aims

Benchmarked against the highest international standards, the 4-year undergraduate curriculum at HKU is designed to enable our students to develop their capabilities in:

- (1) pursuit of academic/professional excellence, critical intellectual enquiry and life-long learning
- (2) tackling novel situations and ill-defined problems
- (3) critical self-reflection, greater understanding of others, and upholding personal and professional ethics
- (4) intercultural communication and global citizenship
- (5) communication and collaboration
- (6) leadership and advocacy for the improvement of the human condition

2. Faculty Learning Outcomes

Students completing the BSc curriculum should be able to:

- (1) explain the basic scientific principles and methods
- (2) comprehend fundamental concepts in mathematics and the physical, chemical, biological and earth sciences, and understand the interconnectivity among the sciences and other disciplines
- (3) apply scientific processes and knowledge in a wide variety of careers and professions
- (4) effectively communicate within and across the science disciplines
- (5) analyze scientific aspects of complex issues, and recognize and appraise moral and ethical issues within the sciences and related disciplines
- (6) integrate acquired discipline-specific knowledge in a science for professional and further academic pursuit in that discipline

3. Programme Learning Outcomes - Major in Risk Management

By the end of this programme, students should be able to:

- (1) identify and categorize the various risks faced by an organization and be able to demonstrate a critical understanding of generic risk management issues and techniques
(by means of coursework, tutorial classes and/or project-based learning in the curriculum)
- (2) analyze and assess risk management situations, and be able to deal with qualitative as well as quantitative aspects appropriate to the situation
(by means of coursework, tutorial classes and/or project-based learning in the curriculum)
- (3) critically evaluate and make effective use of models and techniques for risk assessment and management, and appraise the related ethical issues
(by means of coursework, tutorial classes and/or project-based learning in the curriculum)
- (4) make informed risk management decisions, employ any techniques necessary to acquire and interpret relevant data and information from different sources and the factors that influence their perceptions of risk identification, risk reduction, risk mitigation and risk transfer
(by means of coursework, tutorial classes and/or project-based learning in the curriculum)
- (5) communicate and collaborate with people effectively on risk management issues
(by means of coursework, tutorial classes, project-based and/or capstone learning in the curriculum)
- (6) gain insights into current advances in risk management through either project or industrial training
(by means of coursework, tutorial classes, project-based and/or capstone learning in the curriculum)

4. Mapping of Programme Learning Outcomes to Faculty Learning Outcomes to University Educational Aims

Due to the richness and diversity of the Major, multiple Programme and/or Faculty Learning Outcomes may be used to satisfy the Faculty Learning Outcomes and/or University Educational Aims.

Programme Learning Outcomes – Major in Risk Management	Faculty Learning Outcomes – BSc programme	University Educational Aims
By the end of this programme, students should be able to:	Students completing the BSc curriculum should be able to:	Benchmarked against the highest international standards, the 4-year undergraduate curriculum at HKU is designed to enable our students to develop their capabilities in:
<ul style="list-style-type: none"> (1) identify and categorize the various risks faced by an organization and be able to demonstrate a critical understanding of generic risk management issues and techniques (2) analyze and assess risk management situations, and be able to deal with qualitative as well as quantitative aspects appropriate to the situation (3) critically evaluate and make effective use of models and techniques for risk assessment and management, and appraise the related ethical issues (4) make informed risk management decisions, employ any techniques necessary to acquire and interpret relevant data and information from different sources and the factors that influence their perceptions of risk identification, risk reduction, risk mitigation and risk transfer (6) gain insights into current advances in risk management through either project or industrial training 	<ul style="list-style-type: none"> (1) explain the basic scientific principles and methods (2) comprehend fundamental concepts in mathematics and the physical, chemical, biological and earth sciences, and understand the interconnectivity among the sciences and other disciplines (3) apply scientific processes and knowledge in a wide variety of careers and professions (5) analyze scientific aspects of complex issues, and recognize and appraise moral and ethical issues within the sciences and related disciplines (6) integrate acquired discipline-specific knowledge in a science for professional and further academic pursuit in that discipline 	<ul style="list-style-type: none"> (1) pursuit of academic/professional excellence, critical intellectual enquiry and life-long learning
<ul style="list-style-type: none"> (2) analyze and assess risk management situations, and be able to deal with qualitative as well as quantitative aspects appropriate to the situation (3) critically evaluate and make effective use of models and techniques for risk assessment and management, and appraise the related ethical issues (4) make informed risk management decisions, employ any techniques necessary to acquire and interpret relevant data and information from different sources and the factors that influence their perceptions of risk identification, risk reduction, risk mitigation and risk transfer 	<ul style="list-style-type: none"> (2) comprehend fundamental concepts in mathematics and the physical, chemical, biological and earth sciences, and understand the interconnectivity among the sciences and other disciplines (3) apply scientific processes and knowledge in a wide variety of careers and professions (5) analyze scientific aspects of complex issues, and recognize and appraise moral and ethical issues within the sciences and related disciplines 	<ul style="list-style-type: none"> (2) tackling novel situations and ill-defined problems
<ul style="list-style-type: none"> (3) critically evaluate and make effective use of models and techniques for risk assessment and management, and appraise the related ethical issues 	<ul style="list-style-type: none"> (5) analyze scientific aspects of complex issues, and recognize and appraise moral and ethical issues within the sciences and related disciplines 	<ul style="list-style-type: none"> (3) critical self-reflection, greater understanding of others, and upholding personal and professional ethics

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*	*	(4) intercultural communication and global citizenship
(5) communicate and collaborate with people effectively on risk management issues	(4) effectively communicate within and across the science disciplines	(5) communication and collaboration
(4) make informed risk management decisions, employ any techniques necessary to acquire and interpret relevant data and information from different sources and the factors that influence their perceptions of risk identification, risk reduction, risk mitigation and risk transfer (6) gain insights into current advances in risk management through either project or industrial training	(3) apply scientific processes and knowledge in a wide variety of careers and professions	(6) leadership and advocacy for the improvement of the human condition

* This will be fulfilled by other components of the University curriculum such as the Common Core Curriculum, Internships, Service Learning, Exchange Studies, etc.