



Module Synopses

Master of Science in Accounting & Finance (CIMA Gateway)

Abertay University

Total numbers of Modules – 7

Programme Description

Designed in collaboration with the Chartered Institute of Management Accountants (CIMA), this programme will prepare you for a successful career in finance by enhancing the skills you need to succeed at the management and strategic level within any organisation. Financial experts with the knowledge and critical decision-making skills to add value to organisations are in high demand. Top-level financial skills combined with leadership ability, business, technical and people skills are often a prerequisite for boardroom positions. On joining this programme, the learner will: Develop a thorough and contemporary knowledge of the accounting and financial processes of an organisation and the ability to forward plan and effectively manage risk. Gain knowledge of environmental challenges and trends, the opportunities and constraints these create, and how they impact on organisational decision-making and resource allocation. Build on key skills associated with employment in high-performance organisations. Work towards a Management Accountant qualification while completing the master's degree. Receive significant study support from CIMA. The programme fees will include CIMA registration, the first year's CIMA subscription fees, an attempt at the CIMA Management Case Study Exam, and access to CIMAstudy.com and CIMAconnect online.

Module & Description	Hours	Credits
<p>1. Advanced Financial Reporting and Analysis</p> <p>This module seeks to deepen and broaden students' ability to prepare, analyse and critically interpret financial statements. It will enable students to explore in depth the principles and theories of international financial reporting and analysis and introduce them to recent critical debate on the sufficiency of conventional financial accounting practices. Extension of the simple linear regression model to incorporate multiple independent variables. Statistical inference in regressions, categorical independent variables, model fitting and prediction using regression models. Time series analysis and forecasting: Time series patterns, forecast accuracy, moving averages and using regression analysis for forecasting.</p>	45	20

Module & Description	Hours	Credits
<p>2. Advanced Management Accounting for Decision Making</p> <p>This module extends the techniques of management accounting in its role in shaping short and long-term decisions, in analysis, planning and control and reporting to management.</p>	45	20
<p>3. Case Studies in Management Accounting</p> <p>Students are expected to undertake practical research in response to a current business need of a real company and produce a suitable management report with recommendations.</p>	45	20
<p>4. Advanced Performance Management</p> <p>This module examines contemporary theories and developments in Strategic Management Accounting in organisations, explores new concepts and techniques and the impact of these in support of strategic decision making.</p>	45	20
<p>5. Project Management</p> <p>The complexity of project management and the tools and techniques to support successful management. Carry out an investigation into a project failure and recommend alternative actions which could have been taken. Module content: Project analysis and planning; Managing projects; Project management methodologies.</p>	45	20
<p>6. Research Methods</p> <p>An introduction to research methods and statistical analysis for postgraduate students. Combines theoretical, historical and statistical concepts with hands-on practical lab sessions using both qualitative and quantitative techniques to put theory into practice.</p>	45	20
<p>7. Dissertation</p> <p>In this module, you'll choose a topic that matters to you and explore it in depth through analysis, critical thinking and discussion. You'll apply your creative and judgement skills to produce a dissertation of 12,000 to 14,000 words (excluding tables and appendices), giving you the chance to demonstrate your expertise in a subject linked to your MSc title.</p>	45	60