

## **ANNEX 10**

<b>Intended learning outcomes</b>	<b>Addressed by Courses</b>	<b>How Faculty Research Activity benefits the curriculum and the teaching and learning activities within this program</b>
Critically evaluate the conceptual frameworks needed to evaluate contemporary issues for accounting, finance and data analytics disciplines.	<b>Compulsory Courses</b> <ul style="list-style-type: none"> <li>✓ Financial and Managerial Accounting.</li> <li>✓ Fundamentals of Finance.</li> <li>✓ Advanced International Financial Reporting.</li> <li>✓ Analytics in Accounting and Finance.</li> </ul> <b>Reinforced by Elective course</b> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> <li>✓ Investment and Risk Management</li> </ul>	
Describe the quantitative and technological methods in accounting and finance.	<b>Compulsory Courses</b> <ul style="list-style-type: none"> <li>✓ Quantitative Methods in Accounting and Finance.</li> <li>✓ Analytics in Accounting and Finance.</li> <li>✓ Computational Finance.</li> <li>✓ Applied Financial Analysis and Valuation.</li> </ul> <b>Reinforced by Elective course</b> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> <li>✓ Investment and Risk Management</li> </ul>	

Apply technology and data analytics skills to solve accounting and finance problems faced in real-life situations in an ethical manner.	<b>Compulsory Courses</b> <ul style="list-style-type: none"> <li>✓ Quantitative Methods in Accounting and Finance.</li> <li>✓ Analytics in Accounting and Finance.</li> <li>✓ Computational Finance.</li> <li>✓ Applied Financial Analysis and Valuation.</li> <li>✓ Principles of Programming for Python.</li> <li>✓ Principles of Programming for R.</li> </ul> <b>Reinforced by Elective course</b> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> <li>✓ Ethics and Corporate Social Responsibility</li> </ul>	
Appraise the performance and financial situation of organizations through programming and computing applications.	<b>Compulsory Courses</b> <ul style="list-style-type: none"> <li>✓ Principles of Programming for Python.</li> <li>✓ Principles of Programming for R.</li> <li>✓ Quantitative Methods in Accounting and Finance.</li> <li>✓ Analytics in Accounting and Finance.</li> <li>✓ Computational Finance.</li> <li>✓ Applied Financial Analysis and Valuation.</li> </ul> <b>Reinforced by Elective course</b> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> </ul>	
Describe the potential and limitations of big data analytics.	<b>Compulsory Courses</b> <ul style="list-style-type: none"> <li>✓ Quantitative Methods in Accounting and Finance.</li> </ul>	

	<ul style="list-style-type: none"> <li>✓ Analytics in Accounting and Finance.</li> <li>✓ Computational Finance.</li> <li>✓ Applied Financial Analysis and Valuation.</li> </ul> <p><b>Reinforced by Elective course</b></p> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> </ul>	
Demonstrate their ability to communicate effectively in business situations through speaking, writing, and by use of electronic media.	<p><b>Compulsory Courses</b></p> <ul style="list-style-type: none"> <li>✓ Financial and Managerial Accounting.</li> <li>✓ Fundamentals of Finance.</li> <li>✓ Principles of Programming for Python.</li> <li>✓ Principles of Programming for R.</li> <li>✓ Advanced International Financial Reporting.</li> <li>✓ Quantitative Methods in Accounting and Finance.</li> <li>✓ Analytics in Accounting and Finance.</li> <li>✓ Computational Finance.</li> <li>✓ Applied Financial Analysis and Valuation.</li> </ul> <p><b>Reinforced by Elective course</b></p> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> <li>✓ Ethics and Corporate Social Responsibility</li> <li>✓ Investment and Risk Management</li> </ul>	

<p>Demonstrate innovative and technologically oriented responses in business situations.</p>	<p><b>Compulsory Courses</b></p> <ul style="list-style-type: none"> <li>✓ Quantitative Methods in Accounting and Finance.</li> <li>✓ Analytics in Accounting and Finance.</li> <li>✓ Computational Finance.</li> <li>✓ Applied Financial Analysis and Valuation.</li> </ul> <p><b>Reinforced by Elective course</b></p> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> <li>✓ Investment and Risk Management</li> </ul>	
<p>Demonstrate their ability to build teams and work effectively within them.</p>	<p><b>Compulsory Courses</b></p> <ul style="list-style-type: none"> <li>✓ Financial and Managerial Accounting.</li> <li>✓ Fundamentals of Finance.</li> <li>✓ Principles of Programming for Python.</li> <li>✓ Principles of Programming for R.</li> <li>✓ Advanced International Financial Reporting.</li> <li>✓ Quantitative Methods in Accounting and Finance.</li> <li>✓ Analytics in Accounting and Finance.</li> <li>✓ Computational Finance.</li> <li>✓ Applied Financial Analysis and Valuation.</li> </ul> <p><b>Reinforced by Elective course</b></p> <ul style="list-style-type: none"> <li>✓ Principles of Machine Learning</li> <li>✓ Principles of Artificial Intelligence</li> <li>✓ Business and Finance in Blockchain</li> <li>✓ Ethics and Corporate Social Responsibility</li> <li>✓ Investment and Risk Management</li> </ul>	

Define the regulatory environment and professional bodies that impact the accounting/finance profession.	<p><b>Compulsory Courses</b></p> <ul style="list-style-type: none"> <li>✓ Financial and Managerial Accounting.</li> <li>✓ Fundamentals of Finance.</li> <li>✓ Advanced International Financial Reporting.</li> </ul> <p><b>Reinforced by Elective course</b></p> <ul style="list-style-type: none"> <li>✓ Ethics and Corporate Social Responsibility</li> </ul>	