

**Bachelor of Arts and Sciences in Financial Technology: Programme Learning Outcomes**

**BASc[FinTech] Programme Learning Outcomes (PLOs)**

**Curriculum Level Outcomes**

Upon successful completion of the curriculum, students should be able to:

- (a) apply knowledge of computing technologies to finance applications appropriate to the programme outcomes and to the discipline
- (b) apply knowledge of computing technologies to the abstraction and conceptualization of financial applications
- (c) analyze financial problems, and identify and define the computing technologies appropriate to its solution
- (d) design, implement, and evaluate a computer-based system, process, component, or programme to solve financial applications with appropriate consideration for public health and safety, social and environmental considerations
- (e) function effectively on teams to accomplish a common goal
- (f) demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities
- (g) communicate effectively with a range of audiences
- (h) analyze the local and global impact of financial technology on individuals, organizations, and society
- (i) recognize the need for and an ability to engage in continuing professional development
- (j) use current techniques, skills, and tools necessary for computing practice to solve financial problems with an understanding of the limitations

**Programme Learning Outcomes (PLOs) mapped against University Education Aims (UEAs)**

Curriculum Level Outcomes	University Educational Aims
<p>Upon successful completion of the curriculum, students should be able to:</p> <p>(a) apply knowledge of computing technologies to finance applications appropriate to the programme outcomes and to the discipline</p> <p>(b) apply knowledge of computing technologies to the abstraction and conceptualization of financial applications</p> <p>(c) analyze financial problems, and identify and define the computing technologies appropriate to its solution</p> <p>(d) design, implement, and evaluate a computer-based system, process, component, or programme to solve financial applications with appropriate consideration for public health and safety, social and environmental considerations</p> <p>(i) recognize the need for and an ability to engage in continuing professional development</p> <p>(j) use current techniques, skills, and tools necessary for computing practice to solve financial problems with an understanding of the limitations</p>	<p><b>University Educational Aim 1.</b></p> <ul style="list-style-type: none"> <li>• To enable our students to develop their capabilities in pursuit of academic/professional excellence, critical intellectual enquiry and life-long learning</li> </ul>
<p>Upon successful completion of the curriculum, students should be able to:</p> <p>(c) analyze financial problems, and identify and define the computing technologies appropriate to its solution</p> <p>(j) use current techniques, skills, and tools necessary for computing practice to solve financial problems with an understanding of the limitations</p>	<p><b>University Educational Aim 2.</b></p> <ul style="list-style-type: none"> <li>• To enable our students to develop their capabilities in tackling novel situations and ill-defined problems</li> </ul>
<p>Upon successful completion of the curriculum, students should be able to:</p> <p>(f) demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities</p> <p>(h) analyze the local and global impact of financial technology on individuals, organizations, and society</p>	<p><b>University Educational Aim 3.</b></p> <ul style="list-style-type: none"> <li>• To enable our students to develop their capabilities in critical self-reflection, greater understanding of others, and upholding personal and professional ethics</li> </ul>

<p>Upon successful completion of the curriculum, students should be able to:</p> <p>(f) demonstrate an understanding of professional, ethical, legal, security and social issues and responsibilities</p> <p>(g) communicate effectively with a range of audiences</p> <p>(h) analyze the local and global impact of financial technology on individuals, organizations, and society</p>	<p><b>University Educational Aim 4.</b></p> <ul style="list-style-type: none"> <li>• To enable our students to develop their capabilities in intercultural understanding and global citizenship</li> </ul>
<p>Upon successful completion of the curriculum, students should be able to:</p> <p>(e) function effectively on teams to accomplish a common goal</p> <p>(g) communicate effectively with a range of audiences</p>	<p><b>University Educational Aim 5.</b></p> <ul style="list-style-type: none"> <li>• To enable our students to develop their capabilities in communication and collaboration</li> </ul>
<p>Upon successful completion of the curriculum, students should be able to:</p> <p>(d) design, implement, and evaluate a computer-based system, process, component, or programme to solve financial applications with appropriate consideration for public health and safety, social and environmental considerations</p> <p>(e) function effectively on teams to accomplish a common goal</p> <p>(h) analyze the local and global impact of financial technology on individuals, organizations, and society</p>	<p><b>University Educational Aim 6.</b></p> <ul style="list-style-type: none"> <li>• To enable our students to develop their capabilities in leadership and advocacy for the improvement of the human condition</li> </ul>