



## **Undergraduate Programs**

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## Liberal Arts and Sciences Courses

Liberal Arts and Sciences provides students with the general education foundation essential to success in their core courses. The arts and sciences areas of study include psychology, mathematics, humanities, science, and English. These courses improve critical and analytical thinking skills, enhance knowledge of the community, teach skills in conducting research, and expand knowledge beyond a student's program. These skills are crucial to student development and key qualities for employment in high-demand work environments. Academic advisors may waive prerequisites, when necessary, at their discretion. Electives may be substituted on a case-by-case basis with the approval of the academic advisor.

### Liberal Arts and Sciences Courses

Number	Course Name	Credits
<b>Communication</b>		
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
<b>Humanities</b>		
HUM101	Critical and Creative Thinking Skills	4.5
PCC103	Harvard Certification- Ethics at Work	0.5
<b>Mathematics</b>		
MTH201	Business Mathematics	4.5
MTH202	Discrete Mathematics	4.5
MTH203	Calculus and Algebra	4.5
<b>Philosophy</b>		
PHL201	Indian Ethos and Mindful Leadership	4.5
PCC101	Skills for Lifelong Learning	0.5
<b>Psychology</b>		
PSY202	The Science of Happiness	4.5
PCC104	Positive Intelligence	0.5
<b>Sciences</b>		
PCC102	Environmental Science: Corporate Sustainability	0.5

## School of Business Administration

### Bachelor of Business Administration (BBA)

The mission of the Bachelor of Business Administration program is to allow students to build on a core of knowledge. The primary goal of the bachelor's program is to prepare students for the dynamic, changing realities of today's business environment.

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
13 Core courses x 4.5 credit hours	= 58.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours
4 Common courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>28 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 129 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time

#### Liberal Arts and Sciences

Number	Course Name	Credits
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

#### Core Requirements (Choose any 13 courses)

Number	Course Name	Credits
ACC101	Financial Accounting	4.5
ACC201	Cost and Managerial Accounting	4.5
ECO101	Business Economics	4.5
HRM201	Human Resource Management	4.5
FIN301	Financial Management I	4.5
LAW101	Business Law	4.5

MGT101	Introduction to Business	4.5
MGT201	International Business	4.5
HRM202	Organizational Theory and Behaviour	4.5
MKT101	Sales and Marketing	4.5
OPS201	Production and Operations Management	4.5
MGT203	Design Thinking	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5
TEC201	Management Information Systems	4.5

**Total Core Requirements** **58.5**

**Open Electives Interdisciplinary**

UOE100/200/300	Open Electives I	4.5
UOE 100/200/300	Open Electives II	4.5

**Total Requirements** **9.0**

**Common Courses Requirements**

Number	Course Name	Credits
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**Common Courses (Choose any four courses)**

MKT301	Business to Business Marketing	4.5
MKT302	Buyer Behaviour	4.5
MKT303	Marketing on the Internet	4.5
MKT304	Marketing Research	4.5
HRM301	Managing People	4.5
HRM302	Diversity in the Workplace	4.5
HRM303	Staffing and Employment	4.5
HRM304	Labor Management Relations	4.5
FIN302	Financial Markets and Institutions	4.5
FIN303	Accounting Information Systems	4.5
FIN304	Business Forecasting and Simulation	4.5
FIN305	Personal Financial Management	4.5

**Total Majors Requirements** **18**

**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5
<b>Total Requirements</b>		<b>9.0</b>
<b>Professional Core Courses</b>		
PCC101	Skills for Life-Long Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others-Choose Any	0.5
PCT102	IBM/Microsoft/Others-Choose Any	0.5
<b>Total Requirements</b>		<b>3.0</b>
<b>Summary of Total Requirements</b>		
Total Liberal Arts and Sciences Requirements		31.5
Total Core Requirements		58.5
Total Open Electives Requirements		9.0
Total Common Courses Requirements		18.0
Total Internship/Project (Co-op) Requirements		9.0
Total Professional Course Requirement		3.0
<b>Bachelor of Business Administration Total Credits Required for Graduation</b>		<b>129</b>

**BBA with Specialization (Marketing; Digital Marketing; Data Analytics; Finance; Entrepreneurship; Human Resource Management; Mass Media; Hotel Management; Hospital Management; Supply Chain Management)**

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
13 Core courses x 4.5 credit hours	= 58.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours
4 Specialization courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>28 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 129 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time

**Liberal Arts and Sciences**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

**Core Requirements (Choose any 13 courses)**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
ACC101	Financial Accounting	4.5
ACC201	Cost and Managerial Accounting	4.5
ECO101	Business Economics	4.5
HRM201	Human Resource Management	4.5
FIN301	Financial Management I	4.5
LAW101	Business Law	4.5
MGT101	Introduction to Business	4.5
MGT201	International Business	4.5

HRM202	Organizational Theory and Behaviour	4.5
MKT101	Sales and Marketing	4.5
OPS201	Production and Operations Management	4.5
MGT203	Design Thinking	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5
TEC201	Management Information Systems	4.5
<b>Total Core Requirements</b>		<b>58.5</b>
<b>Open Electives Interdisciplinary</b>		
UOE100/200/300	Open Electives I	4.5
UOE 100/200/300	Open Electives II	4.5
<b>Total Requirements</b>		<b>9.0</b>
<b>Specializations Requirements</b>		
<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
<b>Marketing (Four Courses Required)</b>		
MKT301	Business to Business Marketing	4.5
MKT302	Buyer Behaviour	4.5
MKT303	Marketing on the Internet	4.5
MKT304	Marketing Research	4.5
<b>Total Specialization Requirements</b>		<b>18</b>
<b>Digital Marketing (Four Courses Required)</b>		
DGM301	Advertising Management	4.5
DGM302	Design of Mobile and Web Applications	4.5
DGM303	Fundamentals of Digital Marketing	4.5
DGM304	Managing the Value of Customer Relationships	4.5
<b>Total Specialization Requirements</b>		<b>18</b>
<b>Data Analytics (Four Courses Required)</b>		
BAL301	Data Analytics Fundamentals	4.5
BAL302	Data Science and Business Strategy	4.5
BAL303	Data Analytics for Product Strategy Formation	4.5
BAL304	Strategy and Consumer Behaviour Analytics	4.5

**Total Specialization Requirements** **18**

**Finance (Four Courses Required)**

FIN302	Financial Markets and Institutions	4.5
FIN303	Accounting Information Systems	4.5
FIN304	Business Forecasting and Simulation	4.5
FIN305	Personal Financial Management	4.5

**Total Specialization Requirements** **18**

**Entrepreneurship (Four Courses Required)**

ENT301	Entrepreneurship Leadership	4.5
ENT302	Financing for Entrepreneurship	4.5
ENT303	New Venture Creation	4.5
ENT304	Project Management	4.5

**Total Specialization Requirements** **18**

**Human Resource Management (Four Courses Required)**

HRM301	Managing People	4.5
HRM302	Diversity in the Workplace	4.5
HRM303	Staffing and Employment	4.5
HRM304	Labor Management Relations	4.5

**Total Specialization Requirements** **18**

**Mass Media (Four Courses Required)**

MAS301	Communication Research	4.5
MAS302	Media Laws and Ethics	4.5
MAS303	Principles of Mass Communication	4.5
MAS304	Print and Electronic Media	4.5

**Total Specialization Requirements** **18**

**Hotel Management (Four Courses Required)**

HTM301	Front Office Operations and Management	4.5
HTM302	Food, Service and Catering Operations	4.5
HTM303	Housekeeping Operation	4.5
HTM304	Event Management	4.5

**Total Specialization Requirements** **18**



**Hospital Management (Four Courses Required)**

HSM301	Hospital Service Relations	4.5
HSM302	Hospital Quality Management and Audit	4.5
HSM303	Information Technology in Hospitals	4.5
HSM304	Recent Trends in Hospital Systems	4.5

**Total Specialization Requirements** **18**

**Supply Chain Management (Four Courses Required)**

SCM301	Supply Chain Service and Operations Management	4.5
SCM302	Supply Chain Risk Management	4.5
SCM303	Warehouse Control & Material Management	4.5
SCM304	Logistic Information Systems	4.5

**Total Specialization Requirements** **18**

**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5

**Total Requirements** **9.0**

**Professional Core Courses**

PCC101	Skills for Life-Long Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others-Choose Any	0.5
PCT102	IBM/Microsoft/Others-Choose Any	0.5

**Total Requirements** **3.0**

**Summary of Total Requirements**

Total Liberal Arts and Sciences Requirements	31.5
Total Core Requirements	58.5
Total Open Electives Requirements	9.0
Total Specialization Requirements	18
Total Co-Op Requirements	9.0
Total Professional Course Requirement	3.0



## **BBA in Direct Selling and Network Marketing - 129 Credits**

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
13 Core courses x 4.5 credit hours	= 58.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours
4 Specialization courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>28 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 129 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time

### **Liberal Arts and Sciences**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### **Core Requirements (Choose any 13 courses)**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
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MGT102	Introduction to Business with Direct Sales	4.5
ACC101	Financial Accounting	4.5
ECO101	Business Economics	4.5
HRM203	Organization Theory and Behaviour (Managing People)	4.5
MGT202	Design Thinking	4.5
MKT301	Business to Business Marketing	4.5
MKT102	Sales and Marketing with Direct Sales	4.5
MKT103	Networking and Building Relationships	4.5
MKT104	Role of Internet Marketing in Multi-level Marketing	4.5
FIN306	Financial Management in Network Marketing	4.5

HRM204	Human Resource Management in Network Marketing	4.5
LAW102	Regulatory Framework, guidelines, rules and acts in Direct Sales	4.5
TEC201	Management Information Systems	4.5

**Total Core Requirements 58.5**

**Open Electives Interdisciplinary**

UOE100/200/300	Open Electives I	4.5
UOE 100/200/300	Open Electives II	4.5

**Total Requirements 9.0**

**Specializations Requirements**

Number	Course Name	Credits
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**Direct Selling and Network Marketing (Four Courses Required)**

MKT305	Sales Skills	4.5
MKT306	Marketing Channels	4.5
MKT307	Supportive and Critical Factors in Direct Selling	4.5
DGM304	Managing the Value of Customer Relationships	4.5

**Total Specialization Requirements 18**

**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5

**Total Requirements 9.0**

**Professional Core Courses**

PCC101	Skills for Life-Long Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others-Choose Any	0.5
PCT102	IBM/Microsoft/Others-Choose Any	0.5

**Total Requirements 3.0**

**Summary of Total Requirements**

Total Liberal Arts and Sciences Requirements	31.5
Total Core Requirements	58.5

Total Open Electives Requirements	9.0
Total Specialization Requirements	18
Total Co-Op Requirements	9.0
Total Professional Course Requirement	3.0
<b>Bachelor of Business Administration Total Credits Required for Graduation</b>	<b>129</b>

### **Integrated BBA + MBA**

This program is designed to give students the knowledge, hands on skills, analytical and leadership abilities they need for fast-track global careers in blue chip companies with one year less span of time in comparison to BBA and MBA separately.

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
14 Core courses x 4.5 credit hours	= 63 credit hours
8 MBA Core Courses x 4.5 credit hours	= 36 credit hours
4 Specialization BBA courses x 4.5 credit hours	= 18 credit hours
4 Specialization MBA courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 13.5 credit hours
8 Professional Certification Courses (PCC) x 0.5 credit hours	= 4 credit hours
40 Total courses x 4.5 credit hours + 8 PCC x 0.5	= 184 credit hours

This program typically takes 4 years to complete for student enrolled full time

### **Liberal Arts and Sciences**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### **Core Requirements (Choose any 14 courses)**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
ACC101	Financial Accounting	4.5
ACC201	Cost and Managerial Accounting	4.5
ECO101	Business Economics	4.5
HRM201	Human Resource Management	4.5
FIN301	Financial Management I	4.5
LAW101	Business Law	4.5
MGT101	Introduction to Business	4.5
MGT201	International Business	4.5
HRM202	Organizational Theory and Behaviour	4.5
MKT101	Sales and Marketing	4.5

OPS201	Production and Operations Management	4.5
MGT203	Design Thinking	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5
TEC201	Management Information Systems	4.5
<b>Total Core Requirements</b>		<b>63</b>
<b>MBA Core Requirements</b>		
ACC501	Accounting for Managerial Decision Making	4.5
ENT501	Entrepreneurship and Venture Management	4.5
MGT501	International business	4.5
HRM501	Human Resource Management	4.5
MGT507	Business Transformation	4.5
FIN506	Corporate Finance	4.5
MKT502	Strategic Business Marketing	4.5
TEC511	Data Visualization Business Intelligence	4.5
<b>Total Core Requirements</b>		<b>36</b>
<b>General/BBA Specialization</b>		
Select any Four Courses - 04 Courses* 4.5 Credits		18
<b>General/MBA Specialization</b>		
Select any Four Courses - 04 Courses* 4.5 Credits=		18
<b>Internship (Co-op)</b>		
CAP400	Capstone	4.5
INT300	Internship/Co-Op	4.5
INT600	Internship/Co-Op	4.5
<b>Total Requirements</b>		<b>13.5</b>
<b>Professional Core Courses</b>		
PCC101	Skills for Lifelong Learning	4.5
PCC102	Environmental Science: Corporate Sustainability	4.5
PCC103	Harvard Certification - Ethics at Work	4.5
PCC104	Positive Intelligence	4.5
PCT101	IBM/Microsoft/Others - Choose Any	4.5

PCT102	IBM/Microsoft/Others - Choose Any	4.5
PCT103	IBM/Microsoft/Others- Choose Any	4.5
PCT104	IBM/Microsoft/Others - Choose Any	4.5
<b>Summary of Total Requirements</b>		
Total Liberal Arts and Sciences Requirements		31.5
Total BBA Core Requirements		63
Total MBA Core Requirements		38
Total BBA Specialization Requirements		18
Total MBA Specialization Requirements		18
Total Co-Op Requirements		13.5
Total Professional Course Requirement		4.0
<b>Integrated BBA to MBA Total Credits Required for Graduation</b>		<b>184</b>

**Bachelor of Commerce**

**School of Management**



The mission of the Bachelor of Commerce is to allow students to build on a core of knowledge gained through the degree. The primary goal of the bachelor's program is to prepare students for the dynamic, changing realities of today's business environment.

**B.COM**

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
11 Core courses x 4.5 credit hours	= 49.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours
6 Common courses x 4.5 credit hours	= 27 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>28 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 129 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time.

**Liberal Arts and Sciences**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5

**Total Requirements** **31.5**

**Core Requirements (Choose any 11 courses)**

ACC101	Financial Accounting	4.5
ACC201	Cost and Managerial Accounting	4.5
ECO201	Microeconomics	4.5
ECO202	Macroeconomics	4.5
FIN301	Financial Management	4.5
LAW101	Business Laws	4.5
MGT101	Introduction to Business	4.5
MKT101	Sales and Marketing	4.5
MGT203	Design Thinking	4.5

QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5
TEC201	Management Information Systems	4.5
TAX201	Individual and Corporate Taxes	4.5
<b>Total Core Requirement</b>		<b>49.5</b>
<b>Open Electives Interdisciplinary</b>		
UOE100/200/300	Open Electives I	4.5
UOE 100/200/300	Open Electives II	4.5
<b>Total Requirements</b>		<b>9.0</b>
<b>Common Courses (Choose any Six Courses)</b>		
ACF301	Accounting for Managerial Decision Making	4.5
ACF302	Advanced Managerial Accounting	4.5
ACF303	Contemporary Auditing	4.5
ACF305	Money the Bottom-Line	4.5
FSM304	Financial Analytics	4.5
FSM301	Financial Engineering and Risk Management	4.5
FSM302	Global Financial Markets and Instruments	4.5
FSM303	Using Machin Learning in Trading and Finance	4.5
<b>Total Requirements</b>		<b>27</b>
<b>Internship/Project (Co-op)</b>		
INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5
<b>Total Requirements</b>		<b>9.0</b>
<b>Professional Core Courses</b>		
PCC101	Skills for Life-Long Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others-Choose Any	0.5
PCT102	IBM/Microsoft/Others-Choose Any	0.5
<b>Total Requirements</b>		<b>3.0</b>

### **Summary of Total Requirements**

Total Liberal Arts and Sciences Requirements	31.5
Total Core Requirements	49.5
Total Open Electives Requirement	9
Total Common Courses Requirements	27
Total Co-Op Requirements	9
Total Professional Course Requirement	3
<b>Bachelor of Commerce Total Credits Required for Graduation</b>	<b>129</b>

### **B. Com (Hons.)**

7 Liberal Arts and Sciences courses x 4.5 credit hours = 31.5 credit hours

11 Core courses x 4.5 credit hours = 49.5 credit hours

2 Open Electives x 4.5 credit hours	= 9 credit hours
8 Common courses x 4.5 credit hours	= 36 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>30 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 138 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time.

### Liberal Arts and Sciences

Number	Course Name	Credits
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### Core Requirements (Choose any 11 courses)

ACC101	Financial Accounting	4.5
ACC201	Cost and Managerial Accounting	4.5
ECO201	Microeconomics	4.5
ECO202	Macroeconomics	4.5
FIN301	Financial Management	4.5
LAW101	Business Laws	4.5
MGT101	Introduction to Business	4.5
MKT101	Sales and Marketing	4.5
MGT203	Design Thinking	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5
TEC201	Management Information Systems	4.5
TAX201	Individual and Corporate Taxes	4.5
<b>Total Core Requirement</b>		<b>49.5</b>

**Open Electives Interdisciplinary**

UOE100/200/300	Open Electives I	4.5
UOE 100/200/300	Open Electives II	4.5

**Total Requirements** **9.0**

**Common Courses (Choose any Eight Courses)**

ACC301	Computerized Accounting System	4.5
ACC302	Business Data Processing Comparative Accounting Systems	4.5
ACF301	Accounting for Managerial Decision Making	4.5
ACF302	Advanced Managerial Accounting	4.5
ACF303	Contemporary Auditing	4.5
ACF305	Money the Bottom-Line	4.5
FSM304	Financial Analytics	4.5
FSM301	Financial Engineering and Risk Management	4.5
FSM302	Global Financial Markets and Instruments	4.5
FSM303	Using Machine Learning in Trading and Finance	4.5

**Total Requirements** **36**

**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5

**Total Requirements** **9.0**

**Professional Core Courses**

PCC101	Skills for Life-Long Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others-Choose Any	0.5
PCT102	IBM/Microsoft/Others-Choose Any	0.5

**Total Requirements** **3.0**

**Summary of Total Requirements**

Total Liberal Arts and Sciences Requirements	31.5
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Total Core Requirements	49.5
Total Open Electives Requirement	9
Total Common Courses Requirements	36
Total Co-Op Requirements	9
Total Professional Course Requirement	3
<b>Bachelor of Commerce (H) Total Credits Required for Graduation</b>	<b>138</b>

**B. Com with Specializations (Accounts and Finance; Financial and Stock Markets Analytics)**

7 Liberal Arts and Sciences courses x 4.5 credit hours = 31.5 credit hours

11 Core courses x 4.5 credit hours = 49.5 credit hours

2 Open Electives x 4.5 credit hours	= 9 credit hours
6 Specialization courses x 4.5 credit hours	= 27 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>28 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 129 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time.

### Liberal Arts and Sciences

Number	Course Name	Credits
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### Core Requirements (Choose any 11 courses)

ACC101	Financial Accounting	4.5
ACC201	Cost and Managerial Accounting	4.5
ECO201	Microeconomics	4.5
ECO202	Macroeconomics	4.5
FIN301	Financial Management	4.5
LAW101	Business Laws	4.5
MGT101	Introduction to Business	4.5
MKT101	Sales and Marketing	4.5
MGT203	Design Thinking	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5
TEC201	Management Information Systems	4.5
TAX201	Individual and Corporate Taxes	4.5

**Total Core Requirement** **49.5**

**Open Electives Interdisciplinary**

UOE100/200/300      Open Electives I      4.5

UOE 100/200/300      Open Electives II      4.5

**Total Requirements** **9.0**

**Specialization Requirements**

Number                      Course Name                      Credits

**Accounts and Finance (Six Courses Required)**

ACF301                      Accounting for Managerial Decision Making      4.5

ACF302                      Advanced Managerial Accounting      4.5

ACF303                      Contemporary Auditing      4.5

ACF304                      Current Topics      4.5

ACF305                      Money the Bottom-Line      4.5

FSM304                      Financial Analytics      4.5

**Total Specialization Requirements** **27**

**Financial and Stock Market Analytics (Six Courses Required)**

ACF305                      Money the Bottom-Line      4.5

FSM301                      Financial Engineering and Risk Management      4.5

FSM302                      Global Financial Markets and instruments      4.5

FSM303                      Using Machine Learning in Trading and Finance      4.5

FSM304                      Financial Analytics      4.5

FSM305                      Current Topics      4.5

**Total Specialization Requirements** **27**

**Entrepreneurship (Six Courses Required)**

ENT301                      Entrepreneurship Leadership      4.5

ENT302                      Financing for Entrepreneurship      4.5

ENT303                      New Venture Creation      4.5

ENT304                      Project Management      4.5

ENT305                      Enterprise Resource Planning      4.5

ENT306                      Marketing for Entrepreneur      4.5

**Total Specialization Requirements** **27**



**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5

**Total Requirements** **9.0**

**Professional Core Courses**

PCC101	Skills for Life-Long Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others-Choose Any	0.5
PCT102	IBM/Microsoft/Others-Choose Any	0.5

**Total Requirements** **3.0**

**Summary of Total Requirements**

Total Liberal Arts and Sciences Requirements	31.5
Total Core Requirements	49.5
Total Open Electives Requirement	9.0
Total Specialization Requirements	27
Total Co-Op Requirements	9.0
Total Professional Course Requirement	3.0

**B. Com with Specialization Total Credits Required for Graduation** **129**

**School of Sciences**

Our School of Sciences often plays a pivotal role in finding answers to real world issues. Our curriculum is innovative, career-focused and application-oriented. It has a fine balance of theory, practical and

projects. The learnings allow you to solve problems demanded by Industry. Our programs train you to be innovators to solve real world problems.

**BCA**

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
13 Core courses x 4.5 credit hours	= 58.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours
4 Common courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>28 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 129 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time

**Liberal Arts and Sciences**

<b>Course</b>	<b>Courses Name</b>	<b>Credit</b>
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

**Core Requirements (Choose any 13 courses)**

AIM301	Introduction to Artificial Intelligence & Machine Learning	4.5
CLD301	IT Infrastructure Landscape powered by IBM	4.5
CLD302	Cloud Computing Fundamentals powered by IBM	4.5
CST101	Database Management Systems	4.5
CST102	Introduction to Operating Systems	4.5
CST202	Computer Architecture	4.5
CYB301	Information Security Fundamentals powered by IBM	4.5
MTH202	Discrete Mathematics	4.5
MGT101	Introduction to Business	4.5

MGT203	Design Thinking	4.5
PRG101	Python Programming powered by IBM	4.5
PRG102	Data Structures and Algorithms using Java	4.5
PRG103	Object Oriented Programming using C++	4.5
PRG104	Software Engineering and Web Development	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5

**Total Core Requirements** **58.5**

**Common Courses Requirements (Choose any 4 courses)**

DAL301	Introduction to Data Analytics	4.5
DAL402	Predictive Analytics	4.5
DAL303	Descriptive Analytics	4.5
DAL304	Big Data Analytics	4.5
MOC301	Responsive Mobile Platform	4.5
MOC302	Mobile Application Development Using Android	4.5
MOC303	Mobile Application Development Using IOS	4.5
MOC304	Enterprise Mobile Application Development	4.5

**Total Requirement** **18**

**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5

**Total Requirements** **9.0**

**Professional Core Courses**

PCC101	Skills for Lifelong Learning	4.5
PCC102	Environmental Science: Corporate Sustainability	4.5
PCC103	Harvard Certification - Ethics at Work	4.5
PCC104	Positive Intelligence	4.5
PCT101	IBM/Microsoft/Others - Choose Any	4.5
PCT102	IBM/Microsoft/Others - Choose Any	4.5

**Total Requirements** **3.0**

**Summary of Total Requirements**

Total Liberal Arts and Sciences Requirements	31.5
Total Core Requirements	58.5
Total Open Electives Requirements	9.0
Total Common Courses Requirements	18
Total Co-Op Requirements	9.0
Total Professional Course Requirement	3.0
<b>Bachelor of Computer Application Total Credits Required for Graduation</b>	<b>129</b>

**BCA with Specializations (Data Analytics; Mobile Computing)**

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
13 Core courses x 4.5 credit hours	= 58.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours

4 Specialization courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 9 credit hours
6 Professional Certification Courses (PCC) x 0.5 credit hours	= 3 credit hours
<b>28 Total courses x 4.5 credit hours + 6 PCC x 0.5 credit hours</b>	<b>= 129 credit hours</b>

This program typically takes 3 years to complete for student enrolled full time

### Liberal Arts and Sciences

Course	Courses Name	Credit
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### Core Requirements (Choose any 13 courses)

AIM301	Introduction to Artificial Intelligence & Machine Learning	4.5
CLD301	IT Infrastructure Landscape powered by IBM	4.5
CLD302	Cloud Computing Fundamentals powered by IBM	4.5
CST101	Database Management Systems	4.5
CST102	Introduction to Operating Systems	4.5
CST202	Computer Architecture	4.5
CYB301	Information Security Fundamentals powered by IBM	4.5
MTH202	Discrete Mathematics	4.5
MGT101	Introduction to Business	4.5
MGT203	Design Thinking	4.5
PRG101	Python Programming powered by IBM	4.5
PRG102	Data Structures and Algorithms using Java	4.5
PRG103	Object Oriented Programming using C++	4.5
PRG104	Software Engineering and Web Development	4.5
QNT201	Quantitative Methods for Decision Making	4.5

RES201	Research Methods	4.5
<b>Total Core Requirements</b>		<b>58.5</b>
<b>Specialization Requirements</b>		
<b>Data Analytics (Four Courses Required)</b>		
DAL301	Introduction to Data Analytics	4.5
DAL402	Predictive Analytics	4.5
DAL303	Descriptive Analytics	4.5
DAL304	Big Data Analytics	4.5
<b>Total Specialization Requirement</b>		<b>18</b>
<b>Mobile Computing (Four Courses Required)</b>		
MOC301	Responsive Mobile Platform	4.5
MOC302	Mobile Application Development Using Android	4.5
MOC303	Mobile Application Development Using IOS	4.5
MOC304	Enterprise Mobile Application Development	4.5
<b>Total Specialization Requirement</b>		<b>18</b>
<b>Internship/Project (Co-op)</b>		
INT300	Internship (Co-op)	4.5
CAP400	Capstone	4.5
<b>Total Requirements</b>		<b>9.0</b>
<b>Professional Core Courses</b>		
PCC101	Skills for Lifelong Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others - Choose Any	0.5
PCT102	IBM/Microsoft/Others - Choose Any	0.5
<b>Total Requirements</b>		<b>3.0</b>
<b>Summary of Total Requirements</b>		
Total Liberal Arts and Sciences Requirements		31.5
Total Core Requirements		58.5
Total Open Electives Requirements		9.0

Total Specialization Requirements	18
Total Co-Op Requirements	9.0
Total Professional Course Requirement	3.0
<b>Bachelor of Computer Application Total Credits Required for Graduation</b>	<b>129</b>

### **School of Engineering**

The School of Engineering is an open platform for diverse voices where teaching runs parallel to the real world and students are groomed to join the global workforce. A student-centric pedagogy, project-based approach and design-driven curriculum provides students with an inclination for complex problem solving, design, innovation, and a passion for learning. The mission of the School of Engineering through its various programmes is to educate well-integrated individuals who possess

technical and social competence to succeed in professional arenas and design solutions for global problems. **Bachelor's in Technology (B.Tech) Computer Science Engineering**

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
21 Core courses x 4.5 credit hours	= 94.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours
6 Specialization courses x 4.5 credit hours	= 27 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 13.5 credit hours
8 Professional Certification Courses x 0.5 credit hours	= 4 credit hours
<b>39 Total courses x 4.5 credit hours + 8 PCC x 0.5 credit hours</b>	<b>= 179.5 credit hours</b>

This program typically takes 4 years to complete for student enrolled full time

### Liberal Arts and Sciences

Number	Course Name	Credits
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5

**Total Requirements 31.5**

### Core Requirements (21 Courses Required)

AIM301	Introduction to Artificial Intelligence & Machine Learning	4.5
CLD301	IT Infrastructure Landscape powered by IBM	4.5
CLD302	Cloud Computing Fundamentals powered by IBM	4.5
CST204	Data Communication and Computer Networks	4.5
CST101	Database Management Systems	4.5
CST102	Introduction to Operations Systems	4.5
CST203	Topics in Computer Science	4.5
CST204	Embedded Systems powered by ARM	4.5
CST202	Computer Architecture	4.5
CST203	Wireless Communication	4.5



CYB301	Information Security Fundamentals powered by IBM	4.5
MGT101	Introduction to Business	4.5
MTH202	Discrete Mathematics	4.5
MTH203	Calculus and Algebra	4.5
MGT203	Design Thinking	4.5
PRG101	Python Programming powered by IBM	4.5
PRG102	Data Structures and Algorithms using Java	4.5
PRG103	Object Oriented Programming using C++	4.5
PRG104	Software Engineering and Web Development	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5

**Total Core Requirements** **94.5**

**Common Courses Requirements (Choose any six courses)**

<b>Number</b>	<b>Course Name</b>	<b>Credits</b>
AIM401	Machine Learning	4.5
AIM402	Deep Learning	4.5
AIM403	Computational Linguistics and Natural Language Processing	4.5
CLD401	Cloud Computing Architecture	4.5
CLD402	Cloud Computing Deployment Models	4.5
CLD403	Container Orchestration and Infrastructure Automation	4.5
CLD404	Security in Cloud	4.5
CYB401	Physical & IT System Security	4.5
CYB402	IT Application Security	4.5
CYB403	IT Data Security	4.5
CYB404	IT Network Security	4.5
CYB405	Ethical Hacking and Penetration Testing	4.5
CYB406	Digital Forensic	4.5

**Total Requirements** **27**

**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
INT350	Internship (Co-op)	4.5

CAP400	Capstone	4.5
<b>Total Requirements</b>		<b>13.5</b>
<b>Professional Core Courses</b>		
PCC101	Skills for Lifelong Learning	0.5
PCC102	Environmental Science: Corporate Sustainability	0.5
PCC103	Harvard Certification - Ethics at Work	0.5
PCC104	Positive Intelligence	0.5
PCT101	IBM/Microsoft/Others - Choose Any	0.5
PCT102	IBM/Microsoft/Others - Choose Any	0.5
PCT103	IBM/Microsoft/Others - Choose Any	0.5
PCT104	IBM/Microsoft/Others - Choose Any	0.5
<b>Total Requirements</b>		<b>4.0</b>
Total Liberal Arts and Sciences Requirements		31.5
Total Core Requirements		94.5
Total Open Electives Requirements		9.0
Total Common Requirements		27
Total Co-Op Requirements		13.5
Total Professional Course Requirement		4.0
<b>Bachelor of Technology Total Credits Required for Graduation</b>		<b>179.5</b>

**Bachelor's in Technology (B.Tech) with Specialization (Artificial Intelligence & Machine Learning; Cloud Computing and Virtualization ; Cyber Security Digital Forensics; Healthcare Informatics and Information Technology)**

7 Liberal Arts and Sciences courses x 4.5 credit hours	= 31.5 credit hours
21 Core courses x 4.5 credit hours	= 94.5 credit hours
2 Open Electives x 4.5 credit hours	= 9 credit hours

6 Specialization courses x 4.5 credit hours	= 27 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 13.5 credit hours
8 Professional Certification Courses x 0.5 credit hours	= 4 credit hours
<b>39 Total courses x 4.5 credit hours + 8 PCC x 0.5 credit hours</b>	<b>= 179.5 credit hours</b>

This program typically takes 4 years to complete for student enrolled full time

### Liberal Arts and Sciences

Number	Course Name	Credits
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### Core Requirements (21 Courses Required)

AIM301	Introduction to Artificial Intelligence & Machine Learning	4.5
CLD301	IT Infrastructure Landscape powered by IBM	4.5
CLD302	Cloud Computing Fundamentals powered by IBM	4.5
CST204	Data Communication and Computer Networks	4.5
CST101	Database Management Systems	4.5
CST102	Introduction to Operations Systems	4.5
CST203	Topics in Computer Science	4.5
CST204	Embedded Systems powered by ARM	4.5
CST202	Computer Architecture	4.5
CST203	Wireless Communication	4.5
CYB301	Information Security Fundamentals powered by IBM	4.5
MGT101	Introduction to Business	4.5
MTH202	Discrete Mathematics	4.5
MTH203	Calculus and Algebra	4.5
MGT203	Design Thinking	4.5

PRG101	Python Programming powered by IBM	4.5
PRG102	Data Structures and Algorithms using Java	4.5
PRG103	Object Oriented Programming using C++	4.5
PRG104	Software Engineering and Web Development	4.5
QNT201	Quantitative Methods for Decision Making	4.5
RES201	Research Methods	4.5

**Total Core Requirements** **94.5**

**Specialization Requirements**

Number	Course Name	Credits
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**Artificial Intelligence & Machine Learning (Six Courses Required)**

AIM401	Machine Learning	4.5
AIM402	Deep Learning	4.5
AIM403	Computational Linguistics and Natural Language Processing	4.5
AIM404	Pattern and Anomaly Detection	4.5
AIM405	Application of Machine Learning in Industries	4.5
DAL402	Predictive Analytics	4.5

**Total Specialization Requirement** **27**

**Cloud Computing and Virtualization (Six Courses Required)**

CLD401	Cloud Computing Architecture	4.5
CLD402	Cloud Computing Deployment Models	4.5
CLD403	Container Orchestration and Infrastructure Automation	4.5
CLD404	Security in Cloud	4.5
CLD405	Managing the Cloud	4.5
CLD406	Cloud Performance Tuning	4.5

**Total Specialization Requirement** **27**

**Cyber Security and Digital Forensics (Six Courses Required)**

CYB401	Physical & IT System Security	4.5
CYB402	IT Application Security	4.5
CYB403	IT Data Security	4.5
CYB404	IT Network Security	4.5
CYB405	Ethical Hacking and Penetration Testing	4.5

CYB406	Digital Forensic	4.5
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<b>Total Specialization Requirement</b>		<b>27</b>
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**Healthcare Informatics (Six Courses Required)**

HCA401	Fundamentals of Healthcare Informatics	4.5
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HCA402	Healthcare Delivery Models and Processes	4.5
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HCA403	Healthcare Standards & Quality Assurance	4.5
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HCA404	Analytics for Healthcare	4.5
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HCA405	Current Topics	4.5
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HCA406	Current Topics	4.5
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<b>Total Specialization Requirement</b>		<b>27</b>
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**Information Technology (Six Courses Required)**

IFT401	Information Systems Management	4.5
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IFT402	Network Administration	4.5
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IFT403	Software Development, Engineering Systems	4.5
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IFT404	Web and Application Developments	4.5
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IFT405	Cybersecurity, Digital Forensic and System Security	4.5
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IFT406	Information Technology Entrepreneurship	4.5
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<b>Total Specialization Requirement</b>		<b>27</b>
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**Internship/Project (Co-op)**

INT300	Internship (Co-op)	4.5
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INT350	Internship (Co-op)	4.5
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CAP400	Capstone	4.5
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<b>Total Requirements</b>		<b>13.5</b>
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**Professional Core Courses**

PCC101	Skills for Lifelong Learning	0.5
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PCC102	Environmental Science: Corporate Sustainability	0.5
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PCC103	Harvard Certification - Ethics at Work	0.5
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PCC104	Positive Intelligence	0.5
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PCT101	IBM/Microsoft/Others - Choose Any	0.5
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PCT102	IBM/Microsoft/Others - Choose Any	0.5
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PCT103	IBM/Microsoft/Others - Choose Any	0.5
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PCT104	IBM/Microsoft/Others - Choose Any	0.5
<b>Total Requirements</b>		<b>4.0</b>
Total Liberal Arts and Sciences Requirements		31.5
Total Core Requirements		94.5
Total Open Electives Requirements		9.0
Total Majors Requirements		27
Total Co-Op Requirements		13.5
Total Professional Course Requirement		4.0
<b>Bachelor of Technology with Specialization Total Credits Required for Graduation</b>		<b>179.5</b>

### **Integrated B. Tech + MBA**

The 4-year integrated degree program of BTECH and MBA combines two challenging specialized disciplines in one curriculum. The course has been designed to negotiate the challenges of globalization. It will prepare managers for industry and business who can bring the technical perspectives to optimize managerial decision making.

7 Liberal Arts and Sciences courses x 4.5 credit hours = 31.5 credit hours

20 B. Tech Core courses x 4.5 credit hours = 90 credit hours

8 MBA Core courses x 4.5 credit hours	= 36 credit hours
6 B. Tech Specialization courses x 4.5 credit hours	= 27 credit hours
4 MBA Specialization courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 22.5 credit hours
8 Professional Certification Courses (PCC) x 0.5 credit hours	S= 5 credit hours
50 Total courses x 4.5 credit hours + 10 PCC x 0.5	= 230 credit hours

This program typically takes 4 years to complete for student enrolled full time

### Liberal Arts and Sciences

Number	Course Name	Credits
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### B. Tech Core Requirements (20 Courses Required)

AIM401	Introduction to Artificial Intelligence & Machine Learning Powered by IBM	4.5
CLD421	Infrastructure Landscape powered by IBM	4.5
CLD422	Cloud Computing Fundamentals powered by IBM	4.5
COM110	Data Communication and Computer Networks	4.5
CST201	Database Management Systems	4.5
CST202	Introduction to Operations Systems	4.5
CST204	Embedded Systems powered by ARM	4.5
CST205	Computer Architecture	4.5
CST206	Wireless Communication	4.5
CYB411	Information Security Fundamentals powered by IBM	4.5
MGT151	Introduction to Business	4.5
MTH393	Discrete Mathematics	4.5

MTH394	Calculus and Algebra	4.5
PMG152	Design Thinking	4.5
PRG211	Python Programming powered by IBM	4.5
PRG212	Data Structures and Algorithms using Java	4.5
PRG213	Object Oriented Programming using C++	4.5
PRG214	Software Engineering and Web Development	4.5
QNT392	Quantitative Methods for Decision Making	4.5
RES290	Research Methods	4.5

**Total Core Requirements 90**

**MBA Core Requirements**

ACC501	Accounting for Managerial Decision Making	4.5
ENT501	Entrepreneurship and Venture Management	4.5
MGT501	International business	4.5
HRM501	Human Resource Management	4.5
MGT507	Business Transformation	4.5
FIN506	Corporate Finance	4.5
MKT502	Strategic Business Marketing	4.5
TEC511	Data Visualization Business Intelligence	4.5

**Total Core Requirements 36**

**B. Tech Specialization**

Select any six Courses - 06 Courses\* 4.5 Credits **27**

**MBA Specialization**

Select any Four Courses - 04 Courses\* 4.5 Credits **18**

**Internship (Co-op)**

CAP400	Capstone	4.5
APT700	Applied Thesis	4.5
INT300	Internship/Co-Op	4.5
INT350	Internship (Co-op)	4.5
INT600	Internship/Co-Op	4.5

**Total Requirements 22.5**

**Professional Core Courses**



PCC101	Skills for Lifelong Learning	4.5
PCC102	Environmental Science: Corporate Sustainability	4.5
PCC103	Harvard Certification - Ethics at Work	4.5
PCC104	Positive Intelligence	4.5
PCT100	Advanced Excel/Word	4.5
PCT101	IBM/Microsoft/Others - Choose Any	4.5
PCT102	IBM/Microsoft/Others - Choose Any	4.5
PCT103	IBM/Microsoft/Others- Choose Any	4.5
PCT104	IBM/Microsoft/Others - Choose Any	4.5
PCT105	IBM/Microsoft/Others- Choose Any	4.5

**Total Requirement** **5**

**Summary of Total Requirements**

Total Liberal Arts and Sciences Requirements	31.5
Total B. Tech Core Requirements	90
Total MBA Core Requirements	36
Total B. Tech Specialization Requirements	27
Total MBA Specialization Requirements	18
Total Co-Op Requirements	22.5
Total Professional Course Requirement	5.0
<b>Integrated B. Tech to MBA Total Credits Required for Graduation</b>	<b>230</b>

**Integrated B. Tech + M. Tech**

This program is designed to give students the knowledge, hands on skills, analytical and leadership abilities they need for fast-track global careers in blue chip companies with one year less span of time in comparison to B.Tech and M.Tech separately.

7 Liberal Arts and Sciences courses x 4.5 credit hours = 31.5 credit hours

20 B. Tech Core courses x 4.5 credit hours = 90 credit hours

9 M. Tech Core courses x 4.5 credit hours	= 36 credit hours
6 B. Tech Specialization courses x 4.5 credit hours	= 27 credit hours
4 M. Tech Specialization courses x 4.5 credit hours	= 18 credit hours
Internship/Co-op and Capstone courses x 4.5 credit hours	= 22.5 credit hours
8 Professional Certification Courses (PCC) x 0.5 credit hours	= 5 credit hours
51 Total courses x 4.5 credit hours + 10 PCC x 0.5	= 234.5 credit hours

This program typically takes 4 years to complete for student enrolled full time.

### Liberal Arts and Sciences

Number	Course Name	Credits
ENG101	The Art of Conversation I	4.5
ENG201	The Art of Conversation II	4.5
COM301	Business Communication	4.5
HUM101	Critical and Creative Thinking Skills	4.5
MAT201	Business Mathematics	4.5
PSY202	The Science of Happiness	4.5
PHL201	Indian Ethos and Mindful Leadership	4.5
<b>Total Requirements</b>		<b>31.5</b>

### B. Tech Core Requirements (20 Courses Required)

AIM401	Introduction to Artificial Intelligence & Machine Learning Powered by IBM	4.5
CLD421	Infrastructure Landscape powered by IBM	4.5
CLD422	Cloud Computing Fundamentals powered by IBM	4.5
COM110	Data Communication and Computer Networks	4.5
CST201	Database Management Systems	4.5
CST202	Introduction to Operations Systems	4.5
CST204	Embedded Systems powered by ARM	4.5
CST205	Computer Architecture	4.5
CST206	Wireless Communication	4.5
CYB411	Information Security Fundamentals powered by IBM	4.5
MGT151	Introduction to Business	4.5
MTH393	Discrete Mathematics	4.5

MTH394	Calculus and Algebra	4.5
PMG152	Design Thinking	4.5
PRG211	Python Programming powered by IBM	4.5
PRG212	Data Structures and Algorithms using Java	4.5
PRG213	Object Oriented Programming using C++	4.5
PRG214	Software Engineering and Web Development	4.5
QNT392	Quantitative Methods for Decision Making	4.5
RES290	Research Methods	4.5

**Total Core Requirements 90**

**M. Tech Core Requirements**

PRG501	Design and Analysis of Algorithms	4.5
PRG502	Object Oriented Analysis and Design	4.5
CST501	Advanced Network Security	4.5
AIM501	Artificial Intelligence and Machine Learning Applications	4.5
CLD501	Cloud Computing	4.5
CST502	Wireless Computing	4.5
CST503	Advanced DBMS	4.5
CST504	Distributed Systems	4.5
PRG503	Advanced Web Design	4.5

**Total Core Requirements 40.5**

**B. Tech Specialization**

Select any six Courses - 06 Courses\* 4.5 Credits **27**

**M. Tech Specialization**

Select any Four Courses - 04 Courses\* 4.5 Credits= **18**

**Internship (Co-op)**

CAP400	Capstone	4.5
APT700	Applied Thesis	4.5
INT300	Internship/Co-Op	4.5
INT350	Internship (Co-op)	4.5
INT600	Internship/Co-Op	4.5

**Total Requirements 22.5**

### Professional Core Courses

PCC101	Skills for Lifelong Learning	4.5
PCC102	Environmental Science: Corporate Sustainability	4.5
PCC103	Harvard Certification - Ethics at Work	4.5
PCC104	Positive Intelligence	4.5
PCT100	Advanced Excel/Word	4.5
PCT101	IBM/Microsoft/Others - Choose Any	4.5
PCT102	IBM/Microsoft/Others - Choose Any	4.5
PCT103	IBM/Microsoft/Others- Choose Any	4.5
PCT104	IBM/Microsoft/Others - Choose Any	4.5
PCT105	IBM/Microsoft/Others- Choose Any	4.5

**Total Requirement** **5**

### Summary of Total Requirements

Total Liberal Arts and Sciences Requirements	31.5
Total B. Tech Core Requirements	90
Total M. Tech Core Requirements	40.5
Total B. Tech Specialization Requirements	27
Total M. Tech Specialization Requirements	18
Total Co-Op Requirements	22.5
Total Professional Course Requirement	5.0
<b>Integrated B. Tech to M. Tech Total Credits Required for Graduation</b>	<b>234.5</b>

### Undergraduate Course Descriptions

#### **ACC101 Financial Accounting 4.5**

This course is an introduction to the basics of accounting procedures. Topics include accounting techniques and cycles, billings, balance sheets, and financial statements. This course expands the student's knowledge of preparing balance sheets and financial statements. Students prepare general ledger entries, payroll, and discuss budget control. **Prerequisite: None**

#### **ACC201 Cost and Managing accounting 4.5**

This course covers financial accounting concepts and managerial and cost accounting topics. The course introduces finance and its importance and relevance to business operations. It covers the internal financial environment of a business. Topics include financial statements analysis, cost accounting, job order costing, and process product costing. **Prerequisite: ACC101**

**ACC301            Computerized Accounting Systems            4.5**

This course is an introduction to utilizing the computer in maintaining accounting records, making management decisions, and processing common business applications with primary emphasis on a general ledger package. **Prerequisite: None**

**ACC302            Business Data Processing Comparative Accounting Systems            4.5**

This course focuses on the impact of information technology on accounting including developments in the Internet, electronic commerce, EDI and databases. Additionally, the course provides information on developing, implementing, and maintaining an accounting information system. Also addressed are the increasingly competitive business environment and techniques to reap the most value at the least cost. **Prerequisite: None**

**ACF301            Accounting for Managerial Decision making            4.5**

This course provides an introduction to accounting's measurement role inside of an organization and how accountants communicate information that helps managers and employees make operational decisions. In particular, you will learn how cost information is created and organized to help managers and employees conduct profitability analyses, develop and choose products, make pricing decisions, and make common business decisions. **Prerequisite: FIN301**

**ACF302            Advance Managerial Accounting            4.5**

This course will introduce the students to Advanced Managerial Accounting. The course expands further on conceptual understanding of the role of management accounting. Topics include relevant costing, capital budgeting, transfer pricing, balanced scorecard, inventory management, variance and profitability analysis, performance measurement and compensation, and the application of management accounting concepts and techniques to support business decision making. **Prerequisite: FIN301**

**ACF303            Contemporary Auditing            4.5**

This course is the first in a two-part series that deals with auditing a company's financial reports, internal controls, and Electronic Data Processing (EDP) systems. Topics include auditing standards, evidence, audit planning and documentation, materiality and risk, internal control, statistical tools, and the overall audit plan and program. **Prerequisite: FIN301**

**ACC304            Current Topics of ACF            4.5**

Special topics courses are developed to cover emerging issues or specialized content not represented in the main curriculum. **Prerequisite: FIN301**

**ACF305            Money the Bottom line**

This course focuses on financial considerations and their implications in all types of organizations. It provides students with the skills to understand and evaluate the profit and loss, balance sheet, and cash flow statements for an organization. **Prerequisite: FIN301**

**AIM301 Introduction to Artificial Intelligence & Machine Learning Powered by IBM 4.5**

The main focus of the course will be to give you a high-level overview of what Artificial Intelligence & Machine Learning are, and what types of problems they are particularly suited to solve.

**AIM401 Machine Learning 4.5**

The objective of the course is to learn what machine learning is and how it is related to data analysis and statistics. The course will impart knowledge on how various machine learning algorithms search for data patterns which can be used to make decisions and predictions for practical problem solving.

**Prerequisite: None**

**AIM402 Deep Learning 4.5**

Deep learning is the machine learning technique behind the most exciting capabilities in diverse areas like robotics, natural language processing, image recognition, and artificial intelligence. By the end of the course, you'll become familiar with the fundamental concepts and terminology used in deep-learning and understand why deep learning techniques are so powerful today. **Prerequisite: None**

**AIM403 Computational Linguistics and Natural Language Processing 4.5**

This course is an introduction to computational methods in empirical linguistic analysis and natural language processing. Topics include the use of text corpora and other sources of linguistic data; morphological analysis, parsing and language modelling; applications in areas such as information retrieval and machine translation. **Prerequisite: None**

**AIM404 Pattern and Anomaly Detection 4.5**

Modern businesses are beginning to understand the importance of interconnected operations to get the full picture of their business. Besides, they need to respond to fast-moving changes in data promptly, especially in case of cybersecurity threats. Students will learn how AI and ML plays a role in detecting such patterns and fix anomalies in data. **Prerequisite: None**

**AIM407 Application of Machine Learning in Industries 4.5**

The course starts with the introduction to Machine learning and extends the same to introduce the applications of the same in various industries like Banking and Securities, Communication, Media and Entertainment, Healthcare and Life Sciences, Education, Manufacturing and Petroleum Industries, government and insurance. **Prerequisite: None**

**BAL301 Data Analytics Fundamentals 4.5**

In this course, you'll be introduced to many of the primary types of data analytics and core concepts, learn about the tools and skills required to conduct data analysis. The foundational math and statistics used in data analysis and workflows for conducting efficient and effective data analytics. This course covers a wide variety of topics that are critical for working in data analytics and are designed to give you an introduction and overview as you begin to build relevant knowledge and skills. **Prerequisite: None**

**BAL302 Data Science and Business Strategy 4.5**

This course uniquely combines business strategy scenarios, metrics, advanced analytic approaches, and the simplicity of Excel examples for real-world applications. The course covers Strategic Metrics, Strategic Scenarios, and Strategic Decision Models with downloadable examples in Excel. Learn

techniques and practical tools for selecting the most effective strategic option for your business.

**Prerequisite: None**

**BAL303      Data Analytics for Product Strategy Formation      4.5**

This course you will learn Developing product introduction strategy; Formulating the data driven pricing strategy; Analyse profitability potential for new products; Estimating the potential volume and new product demand and Managing products with sustainable competitive advantage.

**BAL304      Strategy and Consumer Behaviour Analytics      4.5**

This course will introduce you to a range of analytical methods, ensuring you develop a solid foundation in the essential skills for consumer analytics and marketing strategy. You'll learn how to analyse geographic data using GIS software and understand the application of this in retail modelling, to evaluate new markets and locations. **Prerequisite: None**

**CAP400      Capstone      4.5**

Students independently research a topic to obtain a deep understanding of the subject matter and often work towards developing a solution, product, innovative idea or a prototype on a real world problem. Students will dig into detail about the purpose of this significant work as well as methods to overcome some hurdles. **Prerequisite: None**

**CLD301      IT Infrastructure Landscape powered by IBM      4.5**

This course provides the overview of the new IT infrastructure landscape in the industry. Students will learn some important concepts such as storage systems, servers, network and security, and middleware applications. **Prerequisite: None**

**CLD302      Cloud Computing Fundamentals powered by IBM      4.5**

Today we hear about many IT fields which are growing very fast and are the future of our world such as Big Data, IoT, Artificial intelligence, machine learning, data science, etc. The course also focusses on the security of cloud computing and the challenges around it as the security nowadays is very critical aspect and we will see some cybersecurity attacks. You will also learn how to choose between the various cloud solutions for our business. **Prerequisite: None**

**COM301      Business Communication      4.5**

This course prepares the student for communication in the workplace. The student prepares memorandums, letters, proposals, presentations, newsletters, and flyers. Discussions focus on information exchange in and outside of the organization. Student's presentations are critiqued on the message intended and message received. **Prerequisite: None.**

**CST101      Database Management Systems      4.5**

This course is designed for students with limited or no previous database experience. Course outcomes include a solid understanding of fundamental database terms and concepts such as tables, queries, forms and reports, and their application using a popular database. **Prerequisite: None**

**CST102      Introduction to Operating Systems.      4.5**

Covers the classical internal algorithms and structures of operating systems, including CPU scheduling, memory management, and device management. Considers the unifying concept of the operating system as a collection of cooperating sequential processes. **Prerequisite: None**

**CST103      Topics in Computer Science      4.5**

Special topics courses are developed to cover emerging issues or specialized content not represented in the main curriculum. **Prerequisite: None**

**CST104      Embedded Systems powered by ARM      4.5**

This course introduces students to the design and analysis of computational systems that interact with physical processes. Applications of such systems include medical devices and systems, consumer electronics, toys and games, assisted living, traffic control and safety, automotive systems, process control, energy management and conservation. **Prerequisite: None**

**CST202      Computer Architecture      4.5**

This course covers the fundamental issues in the design of modern computer systems, including the design and implementation of key hardware components such as the processor, memory, and I/O devices, and the software/hardware interface. **Prerequisite: None**

**CST203      Wireless Communication      4.5**

An understanding on functioning of wireless communication system and evolution of different wireless communication systems and standards. 2 An ability to compare recent technologies used for wireless communication. An ability to explain the architecture, functioning, protocols, capabilities and application of various wireless communication networks. **Prerequisite: None**

**CYB301      Information Security Fundamentals powered by IBM      4.5**

Information Security for Everyone is designed to teach the principles and practices that all computer users need to keep themselves safe, both at work and at home. By presenting best practices along with a small amount of theory, trainees are taught both what to do and why to do it. **Prerequisite: None**

**CYB401      Physical & IT System Security      4.5**

This course focuses on the physical security of an organization, including threats, vulnerabilities, and controls. Social Engineering is a critical factor in physical security that is investigated. **Prerequisite: None**

**CYB402      IT Application Security      4.5**

Students will gain an understanding of computer code that can be described as harmful or malicious. Both technical and non-technical attacks will be discussed. They will learn how an organization can protect itself from these attacks. They will also learn concepts in endpoint device security, cloud infrastructure security, securing big data systems, and securing virtual environments. **Prerequisite: None**

**CYB403      IT Data Security      4.5**

Students will gain knowledge of security in Data and Big Data environments. They will discover cryptographic principles, mechanisms to manage access controls in Data systems. They will also learn how IT organizations cost-effectively handle data growth, safely retire legacy systems and applications, optimize test data management, and protect sensitive data. **Prerequisite: None**

**CYB404      IT Network Security      4.5**



This course helps to explain the intricacies of the continually changing area of network security by studying the main issues involved in achieving a reasonable degree of resilience against attacks. Students are introduced to network level security mechanisms: Encryption of files and firewalls, etc.

**Prerequisite: None**

**CYB405 Ethical Hacking and Penetration Testing 4.5**

This course investigates attackers' tactics and strategies to better understand possible vulnerabilities and intrusions. Students engage in virtual labs on penetration testing and respond to vulnerabilities and intrusions through ethical hacking techniques, actually carrying out reconnaissance, launching an attack, and evaluating the results. **Prerequisite: None**

**CYB406 Digital Forensics 4.5**

This course focuses on review of the specific manifestations of cybercrime, including hacking, viruses, and other forms of malicious software. Methods to investigate cybercrime, focuses on requirements for collection and reporting of evidence for possible use in criminal cases. **Prerequisite: None**

**DAL301 Introduction to Data Analytics 4.5**

This course will cover fundamental algorithms and techniques used in Data Analytics. The statistical foundations will be covered first, followed by various machine learning and data mining algorithms.

**Prerequisite: None**

**DAL302 Predictive Analytics 4.5**

Predictive modeling (also referred to predictive analytics and machine learning) uses data and statistical techniques to predict outcomes. In this course students will learn, through a hands on approach, the methods of prediction and classification by employing techniques such as CART, various regression models, GLM, factor analysis, and cluster analysis among others. Students will learn how to build models using SPSS Modeler and SPSS statistics to predict categorical and continuous outcomes, test those models, interpret and present the results. **Prerequisite: None**

**DAL303 Descriptive Analytics 4.5**

This course aims to teach students the descriptive analytics lifecycle. Learners will learn to ask the appropriate analytics questions, identify and aggregate data sources and create data models. They will apply techniques to analyse data captured in these models and also create appropriate visualizations components to gain insights from the data. **Prerequisite: None**

**DAL304 Big Data Analytics 4.5**

A Big Data ecosystem is the one with huge volumes of information and transaction data. The objective of the course is to learn tools and techniques to apply analytics on such data which would point to various business benefits including new revenue generation opportunities, better customer service, more effective marketing, better operational efficiency and a competitive edge over rivals.

**Prerequisite: None**

**DAL402 Predictive Analytics 4.5**

Predictive modelling (also referred to predictive analytics and machine learning) uses data and statistical techniques to predict outcomes. In this course students will learn, through a hands-on approach, the methods of prediction and classification by employing techniques such as CART, various regression models, GLM, factor analysis, and cluster analysis among others. **Prerequisite: None**

**DGM301 Advertising Management 4.5**

This course addresses the elements of advertising and the media. Topics include advertising concepts, selection of media, and the use of media and advertising as marketing communications tools. The course also emphasizes the ongoing convergence of media content and commercial messages and how it is redefining marketing communications. **Prerequisite: None**

**DGM302      Design of Mobile and Web Applications      4.5**

The Mobile and Web Applications Design programme provides a thorough grounding in the core skills and knowledge of digital media & mobile/tablet/web platforms. The course provides a thorough grounding in the core skills and knowledge of digital media technologies and offers specialist production techniques that equip graduates with a valuable set of technical and design skills, highly relevant to a range digital media industries. **Prerequisite: None**

**DGM303      Fundamentals of Digital Marketing      4.5**

This course provides students with the skills and knowledge necessary for using innovative and creative thinking strategies to improve digital marketing planning and execution. Emphasis is placed upon learning critical skills to identify and facilitate innovative behaviour and collaboration within the organization that will increase sustainable business growth and strengthen abilities to respond to organizational changes and challenges. **Prerequisite: None**

**DGM304      Managing the Value of Customer Relationships      4.5**

This course evaluates how organizations manage relationships with their customers and apply research-based marketing information to the development and marketing of products and services tailored to target customers. Topics include market segmentation, target marketing, delivering superior value, relationship marketing, ethics, and marketing strategy. **Prerequisite: None**

**ECO101      Business Economics      4.5**

This course examines supply and demand, market demand and elasticity, cost theory, market structures, pricing theory, and consumer behaviour. Regulation, antitrust policy, and income distribution are also discussed. **Prerequisite: MGT101**

**ECO201      Microeconomics      4.5**

This course provides students with the foundation theories of basic microeconomics including an introduction into the study of economics and analyses of economic agents' behaviors, particularly that of the individual and the firm. The course begins with a description of the subject area, and continues to introduce the basic concepts and theories that are used as the foundation of microeconomic theory and analysis. **Prerequisite: None**

**ECO202      Macroeconomics      4.5**

The goal of principles of macroeconomics is to provide students with a broad overview of the aggregate economy. One important goal of this course is to provide students with a good understanding of aggregate economic accounts and definitions, principally so that they can read and understand news and television reporting of the aggregate economy. **Prerequisite: ECO201**

**ENG101      The Art of Conversation I      4.5**

This course is intended for students of Business English. It provides stimulating and interesting content both for students who have not yet worked in business and for people who are working and have experience of business environments. The sessions provide practical reading, writing, speaking,

listening, and writing skills and a wide range of essential business vocabulary and grammar.

**Prerequisite: None**

**ENG201      The Art of Conversation II      4.5**

The focus of this course is mostly on the four skills (R W L S), vocabulary development, and application of grammar concepts in daily life. A variety of lexis will be used to enable the participants to use a range of exponents to express their opinions on various topics like festivals, everyday communication, homes and houses, and family relationships to name a few. **Prerequisite: ENG101**

**ENT301      Entrepreneurial Leadership      4.5**

Through the study of successful leaders and their companies, students learn techniques to move a company from mediocre to great. Topics include goal setting; culture development; vision; profits; technology; and effects of change, discipline, and necessary leadership qualities. **Prerequisite: None**

**ENT302      Financing for Entrepreneurship      4.5**

The Entrepreneurial Finance course prepares students to be competent in entrepreneurship and corporate finance management skills. The course focuses on specific financial planning and financial decision-making needs of entrepreneurial ventures, including start up and development phase financial and management problems. **Prerequisite: None**

**ENT303      New Venture Creation      4.5**

This course provides research and knowledge about the entrepreneurial process. Topics include opportunity recognition, teamwork, resource requirements equity creation, recognizing opportunities, effects of the Internet, attitudes and behaviours, rewards and incentives, ethics, finance, and a business plan. **Prerequisite: None**

**ENT304      Project Management      4.5**

This course allows students to manage a project within their major field of study. Students prepare a project plan including details of their project, deliverables, dates they are completed, and the associated learning exhibited. Students implement their plan and record weekly status on their progress, issues, decisions, and learning. At the conclusion of the course, students complete their projects and summarize their results in a final report. **Prerequisite: None.**

**ENT305      Enterprise Resource Planning      4.5**

The objectives of this Course are 1. To provide a contemporary and forward-looking on the theory and practice of Enterprise Resource Planning Technology. To focus on a strong emphasis upon practice of theory in Applications and Practical oriented approach. To train the students to develop the basic understanding of how ERP enriches the business organizations in achieving a multidimensional growth. **Prerequisite: None.**

**ENT306      Marketing for Entrepreneur      4.5**

This course provides the knowledge base required of an entrepreneur. In this course you will learn several key concepts of entrepreneurship with an emphasis on value creation through marketing, especially in the context of the new economy. Starting from the inception of a business idea to its execution, this course will provide participants, in addition to the knowledge base, a framework to understand the workings of a business. Students will learn the mechanics of writing a business plan that is the launch pad of a viable new. **Prerequisite: None.**

**FIN301 Financial Management I 4.5**

This course teaches the concepts and skills of financial planning within a business. Concepts covered include how to use financial statements and how to plan appropriate action. Specific topics are preparing budgets, analysing investment options, and assessing risk and return of financing business endeavours. **Prerequisite: ACC182**

**FIN302 Financial Markets and Institution 4.5**

Course is aimed at study of the fundamentals of financial markets and financial instruments, the features of the formation of modern financial markets, on the practical application of financial instruments, the types of financial institutions and their roles and functions in the financial markets. **Prerequisite: None**

**FIN303 Accounting Information Systems 4.5**

This course focuses on the impact of information technology on accounting including developments in the Internet, electronic commerce, EDI and databases. Additionally, the course provides information on developing, implementing, and maintaining an accounting information system. Also addressed are the increasingly competitive business environment and techniques to reap the most value at the least cost. **Prerequisite: ACC201**

**FIN304 Business Forecasting and Simulation 4.5**

This course examines the application of economic theory and methodology needed by business managers to forecast both technical and nontechnical needs. Topics include tools and techniques for analysis, consumer and firm behavior, product demand, evaluation of decisions, technology benefits and challenges and interactions between firms and the marketplace. **Prerequisite: FIN301**

**FIN305 Personal Financial Management 4.5**

This course introduces the student to the concepts, tools, and applications of personal finance and investments. The course assumes little or no prior knowledge of the subject matter and focuses on helping the student understand the process of financial planning and the logic that drives it. **Prerequisite: None.**

**FIN306 Financial Management in Network Marketing 4.5**

Being a financially successful enterprise is the aim of any organization and therefore, every function in the organization is expected to adhere to financial management norms and practices. Marketing and advertising being one such function in which financial management plays a major role, there are financial managers who dedicatedly work with the marketing teams in their organization. Marketing and advertising deals with the promotion of a product or service or several products and services that an organization sells. The mode and tools of promotion vary according to the purpose of the promotional campaign. **Prerequisite: None.**

**FIN376 Managerial Finance 4.5**

This course introduces you to the world of modern finance, especially to the financial operations of business. It covers the concepts of time value of money, asset valuation, risk and return paradigm, capital budgeting, financing, and pay-out decisions, and derivatives. **Prerequisite: FIN301**

**FSM301 Financial Engineering and Risk Management 4.5**

This course will focus on the application of derivatives in addressing financial problems. There will be a focus on the use of futures as risk-management and securities structuring instruments. The emphasis in the course is on financial management and pricing rather than the mathematics of derivatives.

**Prerequisite: FIN301**

**FSM302      Global Financial Markets and instruments      4.5**

This course explores the role that international finance markets play in the business environment. Students study principles and applications of inter- national financial markets and their impact on the world economy. **Prerequisite: FIN301**

**FSM303      Using Machine Learning in Trading and Finance      4.5**

This course provides the foundation for developing advanced trading strategies using machine learning techniques. In this course, you'll review the key components that are common to every trading strategy, no matter how complex. You'll be introduced to multiple trading strategies including quantitative trading, pairs trading, and momentum trading. role that international finance markets play in the business environment. Students study principles and applications of inter- national financial markets and their impact on the world economy. **Prerequisite: FIN301**

**FSM304      Financial Analytics      4.5**

The world of finance offers a range of opportunities to profit from. This requires a good understanding of the financial concepts, and their application to real-world data and analysis. We have carefully designed this course to enhance the ability of all finance professionals who are engaged or interested in learning how to evaluate opportunities in financial investments. **Prerequisite: FIN301**

**FSM305      Current Topics      4.5**

Special topics courses are developed to cover emerging issues or specialized content not represented in the main curriculum. **Prerequisite: FIN390**

**HCA401      Fundamentals of Healthcare Informatics      4.5**

Health informatics fundamentally deals with acquisition (recording), processing, interpreting, and using the healthcare (patient) data by domain experts. Healthcare informatics generally refers to management of data/information in healthcare than application of computers in it – which is centred on patient care. **Prerequisite: None**

**HCA402      Healthcare Delivery Models and Processes      4.5**

This course will introduce important concepts in this field including how value in healthcare is measured, what some key influencers of healthcare are and how the healthcare delivery system will be examined in this course. We will use various lenses such as: site of care delivery, payment models, payers and humans that work in the delivery system to dissect this value chain. **Prerequisite: None**

**HCA403      Healthcare Standards & Quality Assurance      4.5**

The healthcare tetralogy course is intended for anyone interested in healthcare organization as practiced. A range of healthcare organizations are discussed (e.g., medical, dental, pharmaceutical, and public health). This course is particularly useful to anyone working in the healthcare industry who either has a developing interest in the issues important to the administration of healthcare organization operations; or some expertise, but wishes an overview or refresher of the issues. **Prerequisite: None**

**HCA404          Analytics for Healthcare          4.5**

This course is intended for data and technology professionals with no previous healthcare experience who are seeking an industry change to work with healthcare data. In this course you will identify the types, sources, and challenges of healthcare data along with methods for selecting and preparing data for analysis. **Prerequisite: None**

**HRM201          Human Resource Management I          4.5**

This introductory course concentrates on human resource management issues confronting organizations. These issues include organizational practices and legal aspects of recruitment, selection, training, orientation, and performance appraisals. Labor relations are discussed. **Prerequisite: MGT101**

**HRM202          Organizational Theory and Behaviour          4.5**

This course analyses both the formal and informal aspects of the management process. Topics include human behaviour in an organizational environment, individual behaviour patterns, superior/subordinate relationships, group dynamics, communication, motivation and decision-making, and the impact of innovation and change on the organization. **Prerequisite: None**

**HRM203          Managing People in Direct Sales          4.5**

In this course you will learn some essential strategies for managing individuals, teams, leading and enhancing team performance. Important management skills such as communication skills and negotiation skills will be covered in this people focussed management course. This will highlight the importance of knowing how to communicate more effectively with your team and how to motivate and handle difficult individuals. **Prerequisite: None**

**HRM204          Human Resource Management in Network Marketing          4.5**

This course covers areas such as recruitment and selection, training and developing and managing conflict at work. These are an important part of the management process in all organisations. This course will help you develop the skills for a variety of marketing and management careers. You'll understand customer requirements, added-value products and services and the role of communications in customer satisfaction. **Prerequisite: None**

**HRM301          Managing People          4.5**

The aim of this course is to provide an understanding of the role of managers in managing people, arguably the most important resource in an organization. The course describes the strategies managers can adopt to manage people, people-organizational linkages and impact of dynamic changes on these areas. **Prerequisite: None.**

**HRM302          Diversity in the Workplace          4.5**

This course examines the management of a diverse workforce and the benefits of creating this diversity. Topics include understanding human behaviour in an organization, changing marketplace realities, employment systems, affirmative action, behaviour modification for employees and other topics related to a multicultural workforce. **Prerequisite: None.**

**HRM303          Staffing and Employment          4.5**

This course examines current issues affecting staffing and employment practices and the impact on the organization's ability to compete in the marketplace, to develop and maintain a successful workforce, and comply with the various regulations governing staffing and employment practices are discussed. Major topics include technical issues involved in developing and implementing selection programs within organizations; how to achieve a successful person/job and governing staffing / employment practices, and staffing procedures, policies, techniques and problems, and the role of public policy on staffing/ employment practices. **Prerequisite: MGT201**

**HRM304 Labor Management Relations 4.5**

The historical, current and legal analysis of labor relations in the India and its impact on an organization's ability to compete in the marketplace, to develop and maintain a successful workforce, and comply with the various statutory and common law regulations governing labor/ management relations are discussed in this course. **Prerequisite: None.**

**HSM301 Hospital Service Operations 4.5**

This course provides foundation in Hospital Service Operations to provide the students with the managerial knowledge and skills to organize and lead a health care institutes. Furthermore, students will explore various concepts and theories of leadership and how these might be applied to and impact management functions in Hospital settings. **Prerequisite: None**

**HSM302 Hospital Quality Management and Assurance 4.5**

This course provides healthcare practitioners and others with an introduction to the knowledge and skills needed to lead patient safety and quality improvement initiatives at the micro and macro levels. Participants will explore the foundations of health care quality and the science underlying patient quality improvement, design and select effective health care measures, analyze patient safety problems and processes using tools such as human factors analysis, apply systematic approaches including the Plan-Do-Study-Act (PDSA) model to address quality improvement challenges, and learn strategies to lead a culture of change. **Prerequisite: None**

**HSM303 Information Technology in Hospitals 4.5**

Information Technology and its application to hospitality sectors from managerial and strategic perspectives. Survey computer applications, products and trends in gathering, analyzing, storing and communicating information within hospitality sectors. Help to prepare students to meet the challenges associated with Hospitality Information Systems within the Hospitality Industry. Gain an insight into workings of computer systems used in the hospitality industry. Identify the use and knowledge in the significance of information technology to an enterprise. **Prerequisite: None**

**HSM304 Recent Trends in Hospital Systems 4.5**

Special topics courses are developed to cover emerging issues or specialized content not represented in the main curriculum.

**HUM101 Critical and Creative Thinking Skills 4.5**

This course provides an introduction to critical thinking, informal logic, and a small amount of formal logic. Its purpose is to provide you with the basic tools of analytical reasoning, which will give you a distinctive edge in a wide variety of careers and courses of study. **Prerequisite: None**

**INT300 Internship (Co-op) I 4.5**

Course offers students opportunity to earn academic credit for off-campus or on-campus internship experience with formal reflection on professional field. This can also refer to a certain disciplinary work with a faculty member, typically during the Fall or Spring. **Prerequisite: None**

**INT301 Internship (Co-op) II 4.5**

Course offers students opportunity to earn academic credit for off-campus or on-campus internship experience with formal reflection on professional field. This can also refer to a certain disciplinary work with a faculty member, typically during the Fall or Spring. The student must have gone through the previously assigned internship/ Co-op. **Prerequisite: None**

**IFT401 Information Systems Management 4.5**

Professionals in this role are responsible for analyzing a company's need for technology, maintaining cybersecurity and network security and creating and adhering to budgets for technology. The field of information systems management has many opportunities for advancement, including positions such as chief information officers (CIOs), IT directors, chief technology officers (CTOs) or chief data officers (CDOs). According to the BLS, for those in the computer and information systems management field. **Prerequisite: None**

**IFT402 Network Administration 4.5**

A career in network administration consists of managing and maintaining internet networks for companies and organizations. Professionals in this field ensure that intranet and internet network segment systems, local area networks (LAN) and wide area networks (WAN) function correctly. They also resolve any network issues, help colleagues with training and install any needed hardware for network use. **Prerequisite: None**

**IFT403 Software Development, Engineering Systems 4.5**

This course focuses on programming and the development of sophisticated applications for use in public and private entities. This area dovetails with the computer science field of coding. Specialists use programming languages to build applications and programs that address the specific needs of the client. **Prerequisite: None**

**IFT404 Web and Application Developments 4.5**

This course focuses on programming and the development of sophisticated websites and applications. This area overlaps with the computer science field of coding or programming. Web and application development specialists use programming languages to build software program solutions for certain identified IT problems. **Prerequisite: None**

**IFT405 Cybersecurity, Digital Forensic and System Security 4.5**

The cybersecurity course centers around the security of applications, data, and networks, as well as the proper management of information technology. There is much overlap with digital investigations, as one of the main functions of this specialization is a type of quality assurance. **Prerequisite: None**

**IFT406 Information Technology Entrepreneurship 4.5**

For this course, managerial and entrepreneurial skills are needed, as well as an instinct for thinking ahead of the curve. Information technology business students learn how to launch and maintain a new enterprise in the tech industry. **Prerequisite: None**



**LAW101 Business Law 4.5**

This course is designed to provide the student with knowledge of the legal environment in which a consumer and businesses operates, and to provide the student with knowledge of legal principles.

**LAW102 Regulatory Framework, guidelines, rules and acts in Direct Sales 4.5**

This course is an overview of the legal and ethical issues related to marketing strategy. The course explores the legal and ethical issues raised by the marketing function, from product development to distribution and promotion, through sales and service. The goal of the course is to provide students with the necessary tools to make informed decisions when confronted with legal questions regarding the marketing function. The emphasis is on the prevention of legal liability and disputes and the use of the law to create orderly, defensible business decision-making. **Prerequisite: None**

**MAS301 Communication Research 4.5**

Introduces students to quantitative and qualitative communication research methods to enable them to become competent evaluators, designers, and authors of research. Teaches the fundamental principles of communication research, providing learners with the knowledge base and experience to answer questions in the practice of professional communication. **Prerequisite: None**

**MAS302 Media Laws and Ethics 4.5**

The course introduces students to a broad range of specific ethical and legal issues pertinent to various aspects of the media. The course will investigate and analyse techniques for dealing with moral problems and moral dilemmas that students may encounter in their professional lives. **Prerequisite: None**

**MAS303 Principles of Mass Communication 4.5**

This course provides an overview of theories to describe and explain media communication. The course will look at several perspectives on media and how they are translated into contemporary research efforts. Specifically, the course deals with the communication field from the perspectives of content and language, media and society, audiences and effects, and media organizations. **Prerequisite: None**

**MAS304 Print & Electronic Media 4.5**

This course introduces print media and how news and information is delivered through printed publications. Students also understand how electronic media is used to create, deliver and access news and information through digital platforms. **Prerequisite: None**

**MGT101 Introduction to Business 4.5**

This course provides a background on business and management. Students discuss human relations, organizational structure, communications, technology in business, and strategic planning. **Prerequisite: None**

**MGT102 Introduction to Business in Direct Sales 4.5**

This course provides a background on business and management. Students discuss human relations, organizational structure, communications, technology in business, and strategic planning in Direct Sales. An overview of the forces within the business environment (i.e., globalization, economics,

government, and society), and an introduction to the key functional areas within the firm, such as marketing, operations, accounting, finance, management, and human resources. **Prerequisite: None**

**MGT201 Business Fundamentals 4.5**

This course is an introduction to a broad range of business concepts, practices, and theories relevant to today's global business environment. Students examine the interrelationship among functional areas of a business enterprise; specifically, human resources, operations management, marketing and sales, and accounting and finance. **Prerequisite: None**

**MGT202 International Business 4.5**

This course discusses how the global economic, political, and cultural environment affects domestic and international businesses, international operations and dependency, and public policy decisions. **Prerequisite: MGT101**

**MGT203 Design Thinking 4.5**

In this course, we provide an overview of design thinking and work with a model containing four key questions and several tools to help you understand design thinking as a problem-solving approach. **Prerequisite: None**

**MKT101 Sales and Marketing 4.5**

This course introduces the student to effective methods for marketing products and services. Direct mail, print time and other advertising techniques are discussed. Problem solving relative to customer relations is addressed. Consumer profiles, organizational personalities, and demographics are presented as components of market research and analysis. **Prerequisite: None.**

**MKT102 Sales and Marketing with Direct Sales 4.5**

Sales and Marketing with Direct sales course provides an introduction to digital and offline direct marketing. The course covers all major direct marketing media: direct mail, broadcast, print, catalog etc. with a special emphasis on the use of different platforms such as email, SMS text, paid search, Mobile apps and social media. Student will learn how databases to be created and accessed for the direct marketing. Students will learn measurability and accountability of direct marketing and its relationship to the 4P's. **Prerequisite: None.**

**MKT103 Networking and Building Relationships 4.5**

This course will help learners increase personal and team value by teaching them to cultivate a network of associates they can contact for information, advice, and coaching. Learners identify what information and expertise they need, identify who can provide it, practice asking for help, and then learn techniques for maintaining strong working relationships. **Prerequisite: None.**

**MKT104 Role of Internet Marketing in Multi-level Marketing 4.5**

Multi-Level Marketing is a very popular business model in the Western countries. It is a kind of hybrid of the method of distribution of goods and the method of building a sales network. It is one of the safest (carries a very low risk) ways of conducting a business activity. The course provides all the necessary information about MLM that includes understanding the MLM model, its legality, advantages, disadvantages, situation and opportunities so that you can improve your skills and learn the secrets multi-level marketing etc. **Prerequisite: None.**

**MKT201 Consumer Behavior 4.5**

This course focuses on understanding and predicting consumer behavior by integrating theories from psychology, sociology, anthropology and economics. Emphasis will be on how behavior is shaped by internal and external influences. **Prerequisite: None.**

**MKT202 Negotiation Skills 4.5**

The course is aimed at developing analytical and communication skills that are necessary for successful business negotiations. The negotiation is described as a complex three-stage process which consists of preparation, negotiating, and post-negotiation implementation and evaluation. The course combines both theoretical knowledge of leading negotiation scholars and practical experience through learning by doing. **Prerequisite: None.**

**MKT301 Business to Business Marketing 4.5**

This course develops the students' understanding of the various concepts in organizational buying and enables them to comprehend the buying processes of business markets. With value created and delivered in the marketplace as its cornerstone, this course equips the students with necessary marketing tools to deal with issues related to business markets. **Prerequisite: None**

**MKT302 Buyer Behaviour 4.5**

This course focuses on understanding and influencing consumer perceptions and buying decisions. Integrated into the process is the role of marketing research and the basic methods and techniques needed to interpret information relevant to targeting markets, positioning products, and designing effective marketing communications. **Prerequisite: None**

**MKT303 Marketing on the Internet 4.5**

This course will provide students with the skills and knowledge needed to generate viable business via the internet. This course explores strategic directions, branding, business cases, and life-cycle management for developing products for a digital world. **Prerequisite: None**

**MKT304 Marketing Research 4.5**

This course covers basic research methodology applied to marketing issues. Students study methods and techniques for collection, analysis, and interpretation of primary and secondary data for customer and business marketing. **Prerequisite: None.**

**MKT305 Sales Skills**

This course provides a comprehensive introduction to successful selling. Students learn customer-focused selling techniques as well as new skills for starting a sales conversation, building client rapport, selling a particular product or service and closing the sale. **Prerequisite: None.**

**MKT306 Marketing Channels**

course intends to provide you with a more structured approach to the organisation of sales channels and the ability to build constructive and disciplined relationships with channel partners. Through precise references to the most modern managerial models in this field, the course will help you to more accurately develop marketing channel plans, enabling your organisation to increase sales, margins and the levels of collaboration with channel partners. **Prerequisite: None.**

**MKT307 Supportive and Critical Factors in Direct Selling**

Students will learn the different factors in Direct Selling. **Prerequisite: None.**

**MOC301      Responsive Mobile Platform      4.5**

Gain the necessary skills for responsive and mobile website design that fully harness sophisticated capabilities of web browsers on mobile devices. In this training course, you learn how to define the elements of Responsive Web Design (RWD), implement mobile frameworks, enhance site functionality, and design an optimal experience for mobile interaction. **Prerequisite: None**

**MOC302      Mobile Application Development Using Android      4.5**

This project-oriented course examines the principles of mobile application design and development. Students will learn application development on the Android platform. Course work will include project conception, design, implementation, and pilot testing of mobile phone software applications, using weight loss and physical activity motivation health applications as the target domain. **Prerequisite: None.**

**MOC303      Mobile Application Development Using IOS      4.5**

This Specialization covers the fundamentals of iOS application development in the Swift programming language. You'll learn to use development tools such as XCode, design interfaces and interactions and evaluate their usability, and integrate camera, photo, and location information to enhance your app. **Prerequisite: None.**

**MOC304      Enterprise Mobile Application Development      4.5**

To develop the technical knowledge, specialised software development skills for developing mobile applications on various platforms Limitations, strengths and opportunities of development for mobile devices. **Prerequisite: None.**

**MTH201      Business Mathematics      4.5**

This course focuses on the fundamental skills needed to understand and apply mathematical tools in today's business world. The course is designed to Strengthen students' understanding of basic mathematical concepts and mathematical operations. Provide extensive practice in applying basic mathematical skills. Demonstrate how mathematical reasoning can be used in personal and professional decision making. **Prerequisite: None**

**MTH202      Discrete Mathematics      4.5**

This course covers elementary discrete mathematics for computer science and engineering. It emphasizes mathematical definitions and proofs as well as applicable methods. **Prerequisite: MTH201**

**MTH203      Calculus and Algebra      4.5**

Calculus is the Mathematics of Change. Wherever there is motion or growth, Calculus helps us understand the changes that occur. In addition, you can use Calculus to study geometric properties of curves, figure, solids etc. Understanding functions is extremely important for this course. **Prerequisite: None**

**OPS201      Production and Operations Management      4.5**

This course addresses the management of operations in manufacturing and service organizations. Diverse activities such as production process, raw materials purchase, scheduling, and quality control are discussed. **Prerequisite: MGT101**

**PCC101 Skills for Lifelong Learning 4.5**

This course is designed to provide core competencies for adult learners. The course examines learning theory and the application of adult learning principles to communication skills, group processes, and personal management. Adult learners will develop strategies for achieving educational goals in school, work, and personal settings. Students will also be introduced to the University Library and learn how to access its resources successfully. **Prerequisite: None**

**PCC102 Environmental Science: Corporate Sustainability 0.5**

This course investigates the impact of a variety of factors both human and natural that affect the environment. Through the study of authentic environmental situations, students engage in investigations and labs to determine causal relationships and suggest remedies. **Prerequisite: None**

**PCC103 Harvard Certification - Ethics at Work 4.5**

In this course, students will learn what workplace ethics are - and aren't. They will investigate how an ethical culture drives business success, explore a practical method for making an ethical decision, and discover how to foster integrity and apply ethics across borders.

**PCC104 Positive Intelligence 4.5**

Most attempts at positive change fail because we stop at insight and don't build habits. Sustained change towards a more positive mind requires laying down neural pathways to form new habits through consistent daily practice. And that's what our program design empowers you to do.

**PHL201 Indian Ethos of Mindful Leadership 4.5**

Mindful Leadership supports participants towards the establishment of effective, sustainable leadership with a particular focus on self-awareness and self-management. It prepares participants for critical reflection, self-awareness, managing relationships and effective communication. **Prerequisite: None**

**PRG101 Python Programming powered by IBM 4.5**

Python is a language with a simple syntax, and a powerful set of libraries. It is an interpreted language, with a rich programming environment, including a robust debugger and profiler. While it is easy for beginners to learn, it is widely used in many scientific areas for data exploration. **Prerequisite: None**

**PRG102 Data Structures and Algorithms using Java 4.5**

In this course, you will use and analyze data structures that are used in industry-level applications, such as linked lists, trees, and hash tables and how these data structures make programs more efficient and flexible. You will apply asymptotic Big-O analysis to describe the performance of algorithms and evaluate which strategy to use for efficient data retrieval, addition of new data, deletion of elements, and/or memory usage. **Prerequisite: None**

**PRG103 Object Oriented Programming using C++ 4.5**

This course provides in-depth coverage of object-oriented programming principles and techniques using C++. Topics include classes, overloading, data abstraction, information hiding, encapsulation, inheritance, polymorphism, file processing, templates, exceptions, container classes, and low-level language features. **Prerequisite: None**

**PRG104 Software Engineering 4.5**

This course provides an overview of web engineering concepts, methods, and technologies. The course explores the requirements engineering for web applications, testing, metrics, operations and maintenance of web applications, security, and project management. **Prerequisite: None**

#### **PSY202 The Science of Happiness 4.5**

This course provides an introduction to the relatively new field of positive psychology. Positive psychology calls for as much focus on strength as on weakness, as much interest in building the best things in life as in repairing the worst, and as much attention to fulfilling the lives of healthy people as to healing the wounds of the distressed. **Prerequisite: None**

#### **QNT201 Quantitative Methods for Decision Making 4.5**

In this course participants will be introduced to the theory and practice of decision making methods and tools in a quantitative context. During the course, participants will learn the meaning and the fundamentals of statistics and how it impacts decision making. The course will help participants appreciate the importance of understanding statistics as the foundation of all other techniques. **Prerequisite: None**

#### **RES201 Research Methods 4.5**

The course focuses on methods for the conduct of research and development projects. Specifically, students learn about the scientific method, as well as research/design requirements and objectives. Course work involves qualitative, quantitative, and case studies; performance metrics; design 57 procedures and control; sources of error and bias. In addition, evaluation tools and formal validation methods are discussed. **Prerequisite: None**

#### **SCM301 Supply Chain Service and Operations Management**

This course focuses on management and improvement of supply chain processes and performance. It will be valuable for students who would like to pursue a career in consulting or take a position in operations, marketing or finance functions in a manufacturing or distribution firm. We explore important supply chain metrics, primary tradeoffs in making supply chain decisions, and basic tools for effective and efficient supply chain management, production planning and inventory control, order fulfilment and supply chain coordination. **Prerequisite: None**

#### **SCM302 Supply Chain Risk Management**

This course will equip and develop procurement and supply chain professionals with skills that enable them to operate diligently and effectively with their supply base, mitigating any risks and maximizing all opportunities to gain a competitive advantage in their marketplace. **Prerequisite: None**

#### **SCM303 Warehouse Control & Material Management**

To introduce the student to the concept, functions, objectives, and importance of warehouse control and material management function in an organization. Also, to give him an elementary idea of material management linkages with other areas of management, supply chain management and production processes. **Prerequisite: None**

#### **SCM304 Logistic Information Systems**

The purpose of this course is to introduce to students the applications and usage of Information Technology in the Logistics Sector. The course will help the students to understand the basic concepts

of Information Systems and appreciate the available IT solutions along with the relevant business processes. **Prerequisite: None**

**TAX147 Individual and Corporate Taxes 4.5**

This course is designed to make the students aware of the corporate tax laws of India. Understanding the corporate tax laws and use it for tax planning is the basic objective of the course. **Prerequisite: None**

**TEC201 Management Information Systems 4.5**

This course will focus on information system which supports business decisions, internal business processes, customer relations, and interaction with suppliers. It deals with the organizational foundations of such systems, their strategic role, and the organizational and management changes driving electronic commerce, electronic business and the emerging digital firm. **Prerequisite: None**

**UOE100/200/300 Open Electives I 4.5**

Students choose a course from a university wide approved list of courses across different fields to increase their breadth of knowledge through interdisciplinary learning. **Prerequisite: None**

**UOE100/200/300 Open Electives II 4.5**

Students choose a course from a university wide approved list of courses across different fields to increase their breadth of knowledge through interdisciplinary learning. **Prerequisite: None**