

B.Eng AI Engineering and Entrepreneurship (International Program) (2025 New Program)

Recommended Study Plan

Year 1 Semester 1	credits
Basic Mathematics for AI Engineering and Entrepreneurship	3
Basic Science for AI Engineering and Entrepreneurship	3
Introduction to Engineering Programming	3
The Art of Writing	3
Critical Reading and Writing	3
Idea Generation for Technology Entrepreneurs	3
New Venture Creation and Start-Up Strategies	3
Total	21

Year 1 Semester 2	credits
Applied Mathematics for AI Engineering and Entrepreneurship	3
Basic Engineering Drawing and Computer Aided Design	3
Probability and Statistics	3
Basic Accounting for Technology Entrepreneurs	3
Strategic Marketing Management for Technology Entrepreneurs	3
Persuasive Presentation	3
Engineering Elective Courses	3
Total	21

Year 2 Semester 1	credits
Data Structure and Algorithms	3
Introduction to Artificial Intelligence and Applications	3
Financial Foundation	3
Innovation Project Management	3
Entrepreneurial Spirit and Leadership Skills	3
Engineering Elective Courses	3
Hatch-Project 1	3
Total	21

Year 2 Semester 2	credits
Software and System Development Process	3
Data Science and Analytics for Entrepreneurship	3
Legal Aspects for Technology Entrepreneurship	3
Business Model and Planning for Technology Entrepreneurs	3
Engineering Elective Courses	3
Hatch-Project 2	3
Total	18

Year 2 Special Semester	credits
Industrial Training	0
Total	0

Year 3 Semester 1	credits
Machine Learning in Practice	3
Financial Modeling and Valuation for Technology Venture	3
Citizenship in Society and International Community	3
Engineering Elective Courses	3
Free Electives	3
Build-Project 1	3
Total	18

Year 3 Semester 2	credits
Deep Learning and Applications	3
Pitching and Fundraising	3
Technology and Innovation for the Future	3
Communication Strategies for Entrepreneurs	3
Engineering Elective Courses	3
Build-Project 2	3
Total	18

Year 3 Summer	credits
Industrial Internship	0
Total	0

For Project Based Students

Year 4 Semester 1	credits
Global Alliance and Emerging Issues	3
Free Electives	3
Grow-Project 1	3
Total	9

Year 4 Semester 2	credits
Grow-Project 2	3
Total	3

For Co-operative Education / Study Abroad / Oversea Training Students

Year 4 Semester 1	credits
Co-operative Education	6

Year 4 Semester 2	credits
Global Alliance and Emerging Issues	3

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Total	6	Free Electives	3
		Total	6

OR

Year 4 Semester 1	credits
Study Abroad	6
Total	6

OR

Year 4 Semester 1	credits
Oversea Training	6
Total	6

Total 129 credits