

MSc (Venture Creation)

Important Notes:

- 1) *Course offerings are subject to changes every semester.*
- 2) *SSG Subsidy: SSG funding for courses is limited in duration and subject to availability.*
- 3) *Students from cohort AY2025/26 and before, please refer to the [Degree Requirements in the SCALE Student Portal](#).*

Graduation Requirement:

To graduate from the MSc (Venture Creation) programme, students must meet the following requirements:

A) 28 Units of core/essential courses

Course Code and Title	Units	Lab-Based?	SSG Subsidy
ETP5311 VentureX – Technopreneurship Studio	12	N	N
ETP5331 Intellectual Property for High-Growth Ventures	4	N	N
ETP5341 Money Matters: Finance for New Ventures	4	N	N
ETP5371 From Garage to Growth: Managing People in Startups	4	N	N
BMS5502S The Entrepreneur's Edge: Marketing for New Ventures	4	N	N

B) 12 Units of elective courses:

- At least 8 Units from Specialised Electives, and
- Up to 4 Units from General Electives.

C) GPA requirement: Minimum 3.0 (out of maximum 5.0)

List of Specialised Electives:

Course Code and Title	Units	Lab-Based?	SSG Subsidy
ETP5322 Agile Venture Leadership	4	N	N
ETP5381 Carbon Market & Sustainable Financing	4	N	N
BMS5123S Entrepreneurship Business Development	4	N	N
BMS5124S Entrepreneurial Management	4	N	N
MT5027 Embracing the future: Entrepreneurship in Emerging Technologies	4	N	N
NMC5326 Strategic Decision in Visual Storytelling	4	N	N

List of General Electives:

Business-related

Course Code and Title	Units	Lab-Based?	SSG Subsidy
BMS5117 Game Theory for Managers	4	N	N
BMS5122 Legal Fundamentals for Entrepreneurs & Managers	4	N	N
BMS5125 Sustainability Strategy	4	N	N
BMS5205 Business Analytics	4	N	Y
BMS5313 Empowering and Financing Positive Impact Creation	4	N	N
BMS5410 Negotiation and Conflict Management	4	N	Y
BMS5415 Designing Organisations with Data	4	N	N
BMS5416 Managing Across Cultures	4	N	N
BMS5506 Understanding & Influencing Consumers	4	N	N
BMS5515 Personal Selling & Sales Management	4	N	N
BMS5519 Services Marketing	4	N	N

Management of Technology-related

Course Code and Title	Units	Lab-Based?	SSG Subsidy
MT5006 Strategic & New Product Development	4	Y	N
MT5007 Management of Technological Innovation	4	Y	N

Technology-related

Course Code and Title	Units	Lab-Based?	SSG Subsidy
CS5228 Knowledge Discovery and Data Mining	4	Y	N
CS5242 Neural Networks and Deep Learning	4	Y	N
CS5322 Database Security	4	Y	Y
CS5425 Big Data Systems for Data Science	4	Y	N
CS5439 Software Security	4	Y	Y
DOS5021 Managing the Digital Supply Chain	4	N	Y
DOS5022 Data Analytics for Smart Industries	4	N	Y
DOS5024 Strategic Procurement in a Digital World	2	N	Y
IS5007 Strategising for Global IT-enabled Business Success	4	N	Y
IS5116 Digital Entrepreneurship	4	N	Y
IS5126 Hands-on with Applied Analytics	4	N	N

IS5128 Digital Innovation	4	N	N
MDG5236 Pathways to Biomedical Innovation and Enterprise ⁺	2	N	N
MDG5237 Biomedical Innovation Capstone ⁺	2	N	N
ST5227 Applied Statistical Learning	4	N	Y

⁺Offered once every two years starting from Semester 2 AY2019/20