The Fourth Industrial Revolution
Will Our Students be in Time for the Future?

Professor Lily Kong
Provost & Lee Kong Chian Chair Professor of Social Sciences

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Overview

Insights and Implications on higher education
• From the First Industrial Revolution to the Fourth

Nurturing Future-Ready Citizens
• SMU’s approach and experience

In Time for the Future
• Next steps for SMU
We need intellectual curiosity, problem solving, group work, creativity and self-direction... to be able to shift over time as requirements shift.

Andrew McAfee
Principal Research Scientist, MIT Sloan School of Management

Universities will have to get closer to industry and help students better understand what problem solving looks like in the workplace... students will do well to have skills and competencies in other contrasting areas.

SMU’s Contributions to the Committee on the Future Economy

The Fourth Industrial Revolution... can also lift humanity into a new collective and moral consciousness based on a shared sense of destiny.

Klaus Schwab
Founder and Executive Chairman of the World Economic Forum

Interdisciplinary learning, multicultural studies... are (needed in) preparing students to live in a complex, multidimensional, global society.

Jeremy Rifkin
Advisor to the European Union

SMU Classification: Restricted
Insights and Implications

- Interdisciplinary teaching, research and innovation
- Closer collaboration with industry and society
- Lifelong learning
- Cross-cultural learning and exposure
New interdisciplinary majors
Politics, Law and Economics
Smart-City Management & Technology

Research
SMU’s contribution to the Committee on The Future Economy

Contributions to the Committee on The Future Economy

1 RECOMMENDATION ONE
Emphasise the importance of "learning to learn" skills for the future workforce.
Nurturing Future-Ready Citizens

Co-Creation with Industry for Relevance and Impact

Learning with industry and faculty
SMU-X

A group of SMU undergraduates making a project presentation to company representatives at the end of their SMU-X module.

Learning and working overseas
Entrepreneurship Immersion Programme

Unis to offer more stints with start-ups overseas

Singapouriens en immersion helvétique

L’élite asiatique en stage à Berne
Nurturing Future-Ready Citizens

Embracing and Promoting Lifelong Learning

Continuing Education with ‘stackable modules’
SMU Academy

FEATURED COURSES

* Achieving Mastery and Success Through Growth Mindset
* AC/SMU Financial Markets Certificate (BF level 1)
* Borrowing Base Lending
* Building Blocks of Structured Trade & Commodity Finance
* Business Implications of Blockchain Technology
* Commodity Repo and Warehouse Financing
* Reserve Base Lending
* SMU Certificate in Commercial Banking for T&L (BF level 1) - class confirmed

New and rebranded Postgraduate programmes with focus on technology

The MITB Programme

The definitive Master of IT in Business (MITB) programme will give you an unparalleled edge with the knowledge of data, processes, technologies and management strategies. With three unique specialisation tracks to choose from, you will be poised to lead the industry in a time of transformation.

Up-to-Date Curriculum
Constant revision and addition of new course units into the curriculum keeps us in sync with market trends, technology and practices.

Capstone Project/Internship
Students can apply and integrate what they have learnt and gain real-world working experience.

Academic Disciplines

- Information Technology/Engineering: 45%
- Finance/Insurance: 16%
- Government/Education: 8%
- Logistics/Manufacturing: 5%
- Others: 25%
Nurturing Future-Ready Citizens

Global-Readiness and Social Responsibility

100% Global Ready
Compulsory international exposure for undergraduates from 2018

Compulsory community service
80 hours to graduate, 2.5 million hours since 2000
Next steps for SMU

- Interdisciplinary collaborations with leading universities
- SMU-X Overseas
- Entrepreneurship Immersion Programme +
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