

Master of IT in Business (Financial Services) [MITB (FS)]

Information Session

11 June 2010

Prepared by
Graduate Programs Office
School of Information Systems

Lead the Transformation in Financial Services through Technology and Operations.

Combine the power of IT solutions and technology transformation with the business of banking. Learn how to align banking technology with processes, operations, people and management

“ For IT professionals working in financial services, constant change means an even greater need for understanding the business, the functions that support the business and the underlying technology platforms/processes. This understanding needs to be broad, encompassing the full business life cycle. Traditionally, there has been a focus on the 'next big thing', however the recent lessons learnt remind us that we need to focus on business basics and in particular how that relates to technology in areas such as control, security, resilience, efficiency and above all, clients' needs. ”

Jan Rao,
CIO, Global Banking & Markets Technology, Asia Pacific
The Royal Bank of Scotland

Apply for the SMU Master of IT in Business
(Financial Services). Become a SMU Master
in Banking Technology & Operations.

Ravish KHANNA
2009 MITB Scholar

Find out more at our information session:

Date: 20 February 2010 (Saturday)

Time: 9.30am Registration
10.00am Information Session
11.30am End

Venue: SIS Seminar Room 2.4, Level 2
School of Information Systems
80 Stamford Road, Singapore 178902
(Opposite Plaza by The Park)

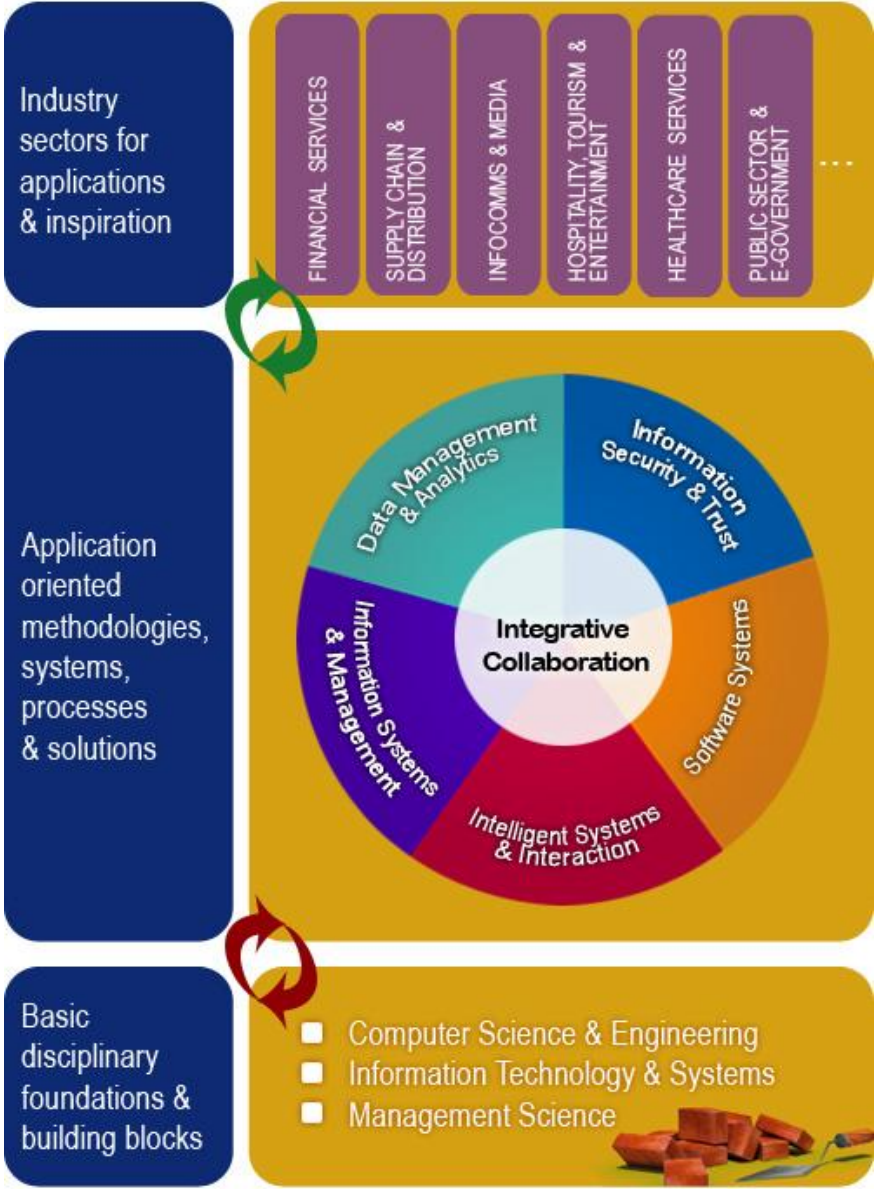
Registration at www.sis.smu.edu.sg/programme/Masters/information_session.asp
For information on scholarships, please visit www.sis.smu.edu.sg/programme/Masters/scholarships.asp

SMU MASTERS. BE ONE.

The SIS Context: A School of Information Systems, within SMU, a Management Oriented University



The SIS Model



Why SMU?

- SIS has strong working relationships with Technology and Operations executives in banks located in Singapore
- MITB Program has been developed with strong banking and financial services industry consultation



MITB Programme Board of Advisors



Andrew Butcher
Managing Director
Head Operations & Technology
Asia Pacific
Citi Markets & Banking



David Gledhill
Managing Director,
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DBS Bank



Venky Krishnakumar
Senior Advisor
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Ian Rae
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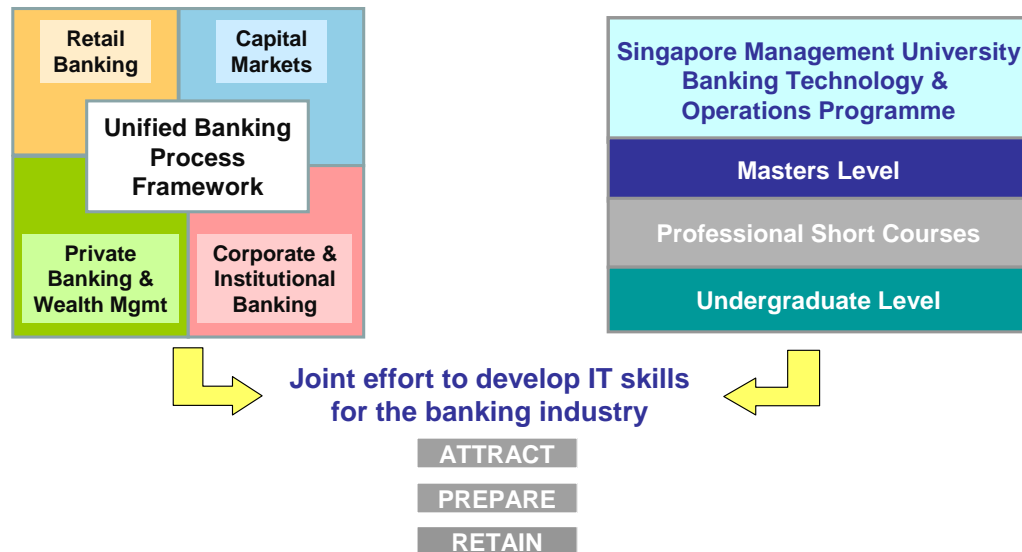
Shee Tse Koon
Chief Information Officer
Singapore
Standard Chartered Bank



Teng Soon Lang
Executive Vice President
Head, Group Quality & Service Division
OCBC Bank Group

Ongoing Industry Consultations for Curriculum Design

- Financial Services End Users Experts in Technology & Operations
- Financial Services Solution Providers and Consultants
- Other Industry Experts in Technology & Operations
- Financial Services Publishers
- Government Agencies
- Academic Institutions – e.g. SMU, Carnegie Mellon University



The critical few core competencies required for a Banking IT professional to support “the banking business”

1. **Understand banking products for each major line-of-business in terms of**
 - a) End-to-end processes and work flows for each family of products
 - b) Operations functions and jobs supporting the product families
 - c) IT solutions (architecture, functionality, data management) used for front, middle and back office functions, corporate functions, and for external interactions
 - d) Product-Process-Operations-Technology linkages and critical interdependencies
 - e) How CHANGE events and scenarios (Δ Product, Δ Process, Δ Ops, Δ IT) will impact end-to-end work flow, service delivery and process performance
2. **Able to lead and manage Design-Source-Implement-Operate projects**
 - IT focused and/or
 - Process and operations focused
3. **Able to collaborate effectively with senior management across the various business functions and units of the bank**
 - to support *integrated* Business-Process-Technology analysis, decision making and execution

Objectives for our Professional Masters program, MITB (Financial Services)

To enable IT professionals (already skilled in IT basics) to:

1. Fulfill the vital bridging roles across the overlapping boundaries of IT, Process Operations, Senior Management, and the Banking Lines of Business.
2. Work more effectively with the top level executives on the business aspects of process and technology change.
3. Lead and manage technology, process, and operational change initiatives.
4. Expand job scope and assume more complex responsibilities in Technology and Operations.
5. Move into senior management and executive positions within the Technology and Operations Group of Banking and Financial Services firms.

MITB (Financial Services) Programme

A. Banking Processes, IT & Architecture

A.1 Banking Products & Processes

A.2 Retail Banking Technology: Processes, IT & Architecture

A.3 Corporate & Institutional Banking Technology : Processes, IT & Architecture

A.4 Financial Markets Technology : Processes, IT & Architecture*

A.5 Lifecycle Implementation of Banking Products*

A.6 FS Operational Risk : Foundation & Framework

A.7 FS Operational Risk : Data, Information, System & Architecture*

A.1 is compulsory + 4 others from Series A

C. Information Technology & Project Management

C.1 IT Governance & Innovation Management

C.2 Spreadsheet Modeling for Technology & Operations Decisions

C.3 IT Project & Vendor Management

C.4 Global Sourcing of Technology & Processes

D.1 is compulsory (if exempted, replace with course from Series A

D.1 and C.2 are compulsory, select 4 others from Series C and D

D. General Management for Technology & Operations

D.1 Accounting for Technology & Operations Managers

D.2 Strategy & Organisation

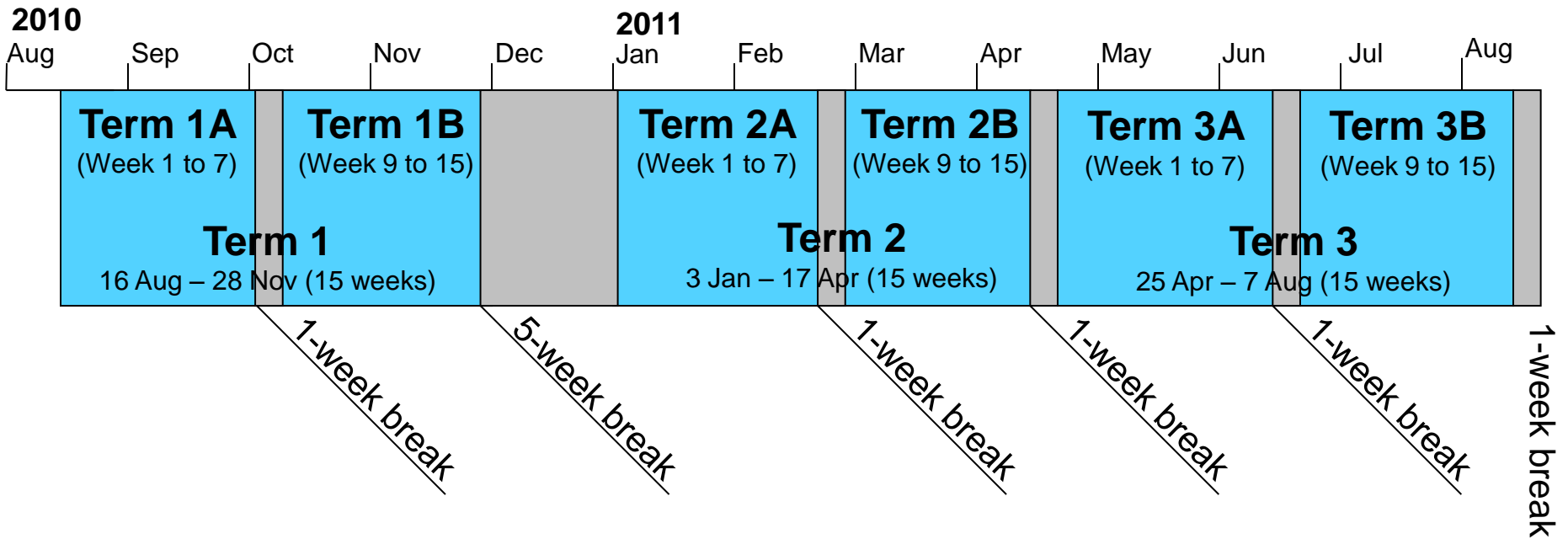
D.3 Finance for Technology & Operations Managers

C.2 is compulsory

E. Capstone Project (equivalent to 2 courses)

Project delivery, development & critique workshops, Industry expert seminars & company site visits

Academic Calendar 2010-11



Programme Delivery Model

	Weekday evening (7pm to 10pm)	Saturday morning (9am to 12noon)	Saturday afternoon (2pm to 5pm)
Course set 1	X	X	
Course set 2	X		X
Seminars (Once a month)	X		

- The final schedule is *subjected to change*.
- Once a month evening workshops for industry partners to critique projects and for presentation seminars
- Each course is offered over a 7-week “mini-term”, e.g. Term 1A, Term 1B

MITB (FS) Academic Year 2010-11

MITB-FS 2010 Part Time		YEAR 1						YEAR 2					
		Term 1 (Aug – Nov 10)		Term 2 (Jan – Apr 11)		Term 3 (Apr – Jul 11)		Term 1 (Aug – Nov 11)		Term 2 (Jan – Apr 12)		Term 3 (Apr – Jul 12)	
		Term 1A	Term 1B	Term 2A	Term 2B	Term 3A	Term 3B	Term 1A	Term 1B	Term 2A	Term 2B	Term 3A	Term 3B
		D.1 Accounting for T&O Managers	A.1 Banking Products & Processes	C.2 Spreadsheet Modeling for T&O Decisions	A.2 Retail Banking Technology: Processes, IT & Architecture	D.3 Finance for T&O Managers	C.3 IT Project & Vendor Management	A.6 FS Operational Risk: Foundation & Framework	D.2 Strategy & Organization	A.4 Financial Markets Technology: Processes, IT & Architecture	C.1 IT Governance & Innovation Management	C.4 Global Sourcing for Technology & Processes	A.7 FS Operational Risk: Data, Info, System & Architecture
				A.4 Financial Markets Technology: Processes, IT & Architecture			A.5 Lifecycle Implementation of Banking Products			A.3 Corp & Institutional Banking Technology: Processes, IT & Architecture			A.5 Lifecycle Implementation of Banking Products

MITB-FS 2010 Full Time		YEAR 1					
		Term 1 (Aug – Nov 10)		Term 2 (Jan – Apr 11)		Term 3 (Apr – Jul 11)	
		Term 1A	Term 1B	Term 2A	Term 2B	Term 3A	Term 3B
		D.1 Accounting for T&O Managers	A.1 Banking Products & Processes	C.2 Spreadsheet Modeling for T&O Decisions	A.2 Retail Banking Technology: Processes, IT & Architecture (Ng TS)	D.3 Finance for T&O Managers (Joseph)	C.3 IT Project & Vendor Management
		A.6 FS Operational Risk: Foundation & Framework	D.2 Strategy & Organization	A.4 Financial Markets Technology: Processes, IT & Architecture	C.1 IT Governance & Innovation Management	C.4 Global Sourcing for Technology & Processes	A.7 FS Operational Risk: Data, Info, System & Architecture
				A.3 Corp & Institutional Banking Technology: Processes, IT & Architecture			A.5 Lifecycle Implementation of Banking Products

MITB (Financial Services) Programme – Series A

A. Banking Processes, IT & Architecture

A.1 Banking Products & Processes

A.2 Retail Banking Technology: Processes, IT & Architecture

A.3 Corporate & Institutional Banking Technology : Processes, IT & Architecture

A.4 Financial Markets Technology : Processes, IT & Architecture*

A.5 Lifecycle Implementation of Banking Products*

A.6 FS Operational Risk : Foundation & Framework

A.7 FS Operational Risk : Data, Information, System & Architecture*

A.1 is compulsory + 4 others from Series A

C. Information Technology & Project Management

C.1 IT Governance & Innovation Management

C.2 Spreadsheet Modeling for Technology & Operations Decisions

C.3 IT Project & Vendor Management

C.4 Global Sourcing of Technology & Processes

D.1 is compulsory (if exempted, replace with course from Series A

D.1 and C.2 are compulsory, select 4 others from Series C and D

D. General Management for Technology & Operations

D.1 Accounting for Technology & Operations Managers

D.2 Strategy & Organisation

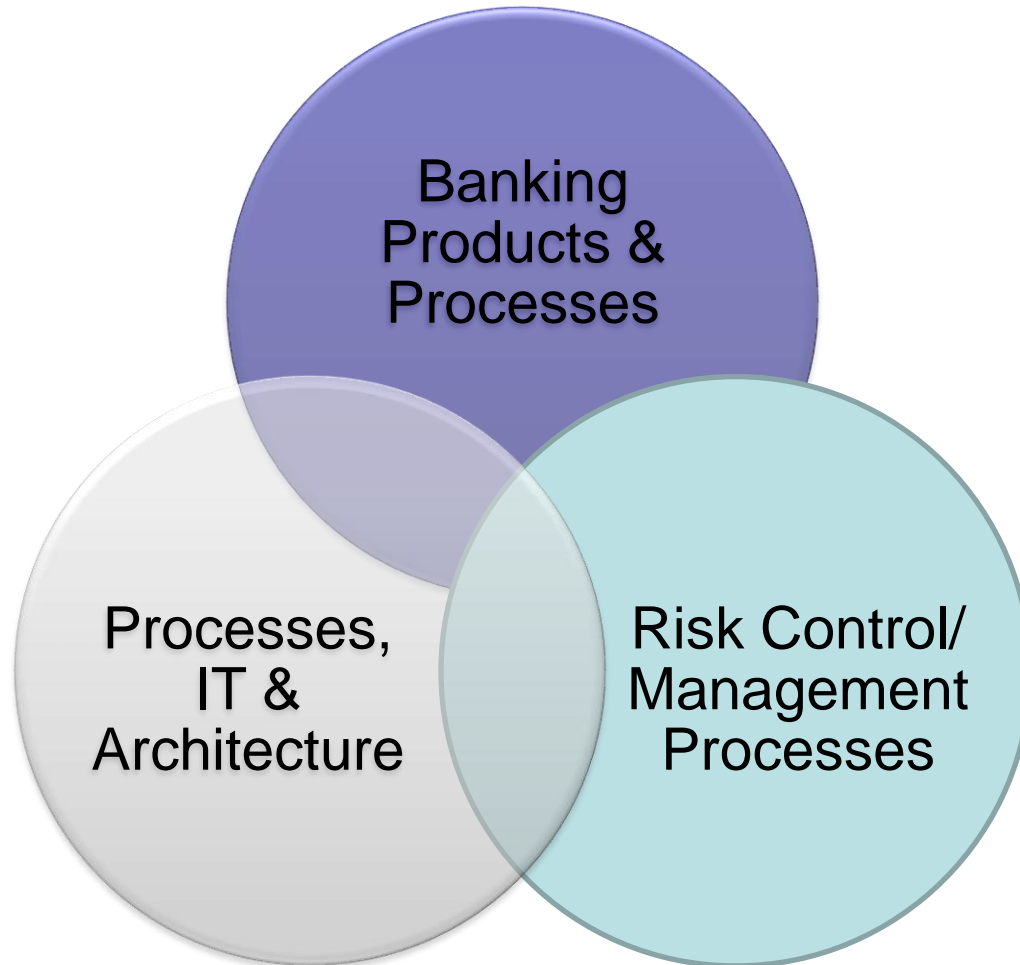
D.3 Finance for Technology & Operations Managers

C.2 is compulsory

E. Capstone Project (equivalent to 2 courses)

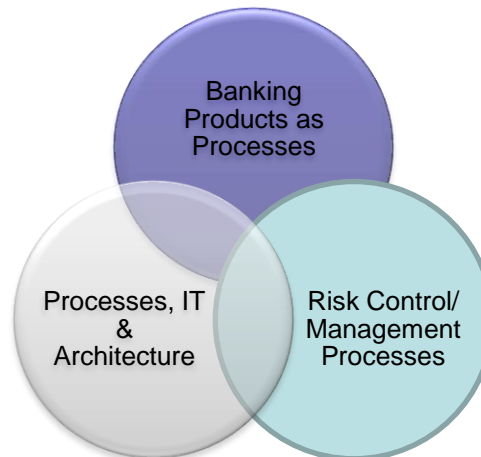
Project delivery, development & critique workshops, Industry expert seminars & company site visits

Series A: Banking Processes, IT & Architecture



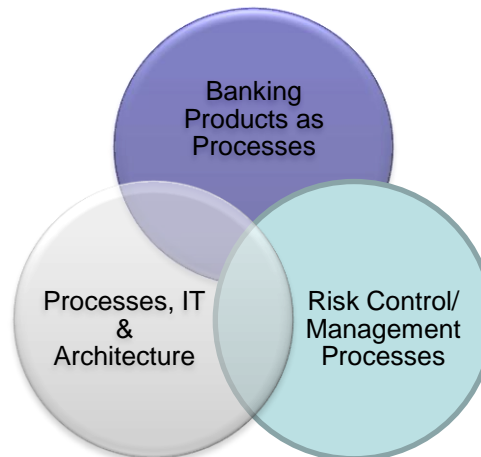
A: Banking Processes, IT & Architecture

Course Name	Key Contents
A.1 Banking Products & Processes (compulsory)	<ul style="list-style-type: none">• Types of customers, types of banking products to meet the customer needs• Products families created and delivered by the investment, corporate, private and retail segments of banking• Data requirements and its management in a Bank• End-to-End process flows for selected products within each of the main banking segment• Process linkages to cross product shared services: compliance, risk management, product control and accounting• Making process changes and operational improvements



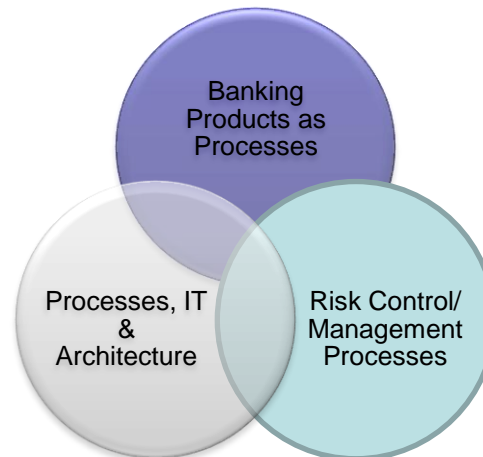
A: Banking Processes, IT & Architecture

Course Name	Key Contents
A.2 Retail Banking Technology: Processes, IT & Architecture	<ul style="list-style-type: none">• Product and channel solutions spanning front to back office<ul style="list-style-type: none">– Vendor application packages for core banking system, front office system– Delivery channels and payment systems• Customer analytics, security & privacy• Architectural choices, trade-offs and change, legacy vs new technology• Consumer banking technology trends



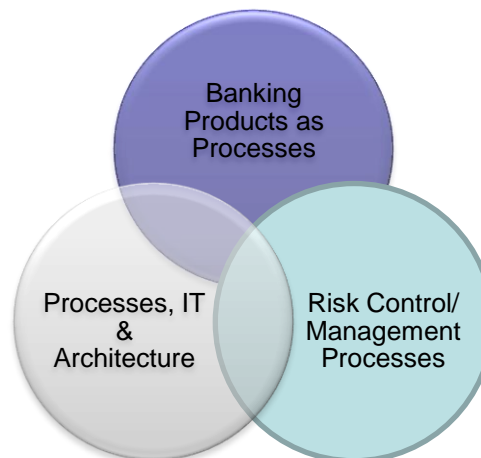
A: Banking Processes, IT & Architecture

Course Name	Key Contents
A.3 Corporate & Institutional Banking Technology: Processes, IT & Architecture	<ul style="list-style-type: none">• Product and service solutions spanning front to back office<ul style="list-style-type: none">• Cash management, treasury, trade finance and institutional banking solutions• Focus on channels, risk management• Customer analytics, security & privacy• Architecture and business process considerations – mixing legacy and new technology• Corporate banking technology trends



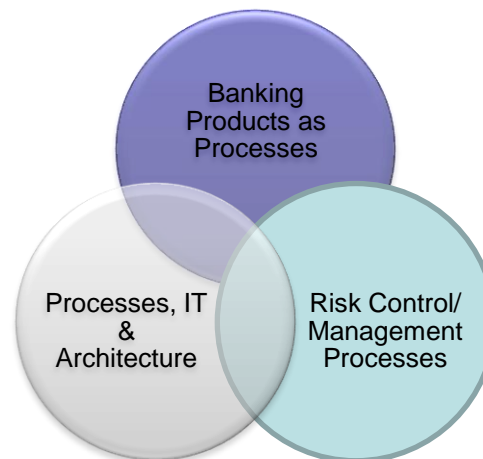
A: Banking Processes, IT & Architecture

Course Name	Key Contents
A.4 Financial Markets Technology: Processes IT & Architecture	<ul style="list-style-type: none">• Product and service solutions spanning front to back office<ul style="list-style-type: none">• Equities, bonds, foreign exchange, futures and other derivatives• Product lifecycle and transaction flows• Functions of and interactions between trading systems• Focus on market data, order routing, position management, clearing and settlement, and risk management• Architecture and business process considerations – mixing legacy and new technology• Financial market technology trends



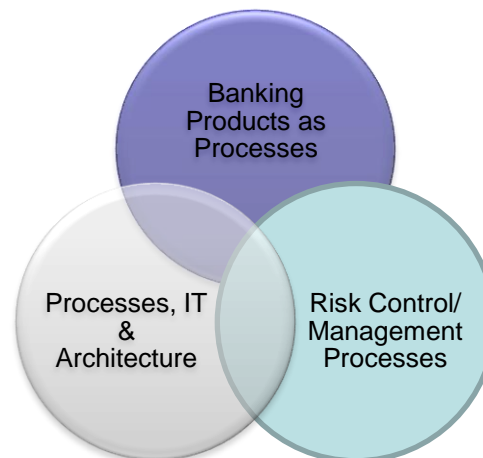
A: Banking Processes, IT & Architecture

Course Name	Key Contents
A.5 Lifecycle Implementation of Banking Products	<ul style="list-style-type: none">• Transformational aspects of the financial products' life<ul style="list-style-type: none">– Product and service design– T&O support design and set up– Product support and set up– Product scaling– Transition to steady state and ongoing operations– Eventual transition to volume reduction– Product refinement• It examines change management in terms of processes, data, systems, flows across organisations



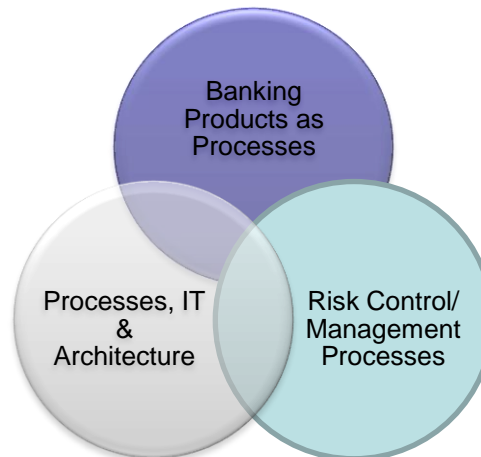
A: Banking Processes, IT & Architecture

Course Name	Key Contents
A.6 Financial Services Operational Risk: Foundation & Framework (Ops Risk I)	<ul style="list-style-type: none">• Ops Risk I (Course A.6) focuses on managing operational risk at source level, specifically:<ul style="list-style-type: none">– Operational risk management framework– Methodologies and tools for dealing with selected risk drivers– Systematic end-to-end review of key processes from a risk perspective• It examines external environmental factors relevant to operation risk management such as current economic situation, threats, as well as development on the regulatory front



A: Banking Processes, IT & Architecture

Course Name	Key Contents
A.7 Financial Services Operational Risk: Data, Information, System & Architecture (Ops Risk II)	<ul style="list-style-type: none">• Ops Risk II (Course A.7) expands “operational risk” to include market, credit and liquidity risks in addition to operational risk• It examines risk from a system architect’s perspective (e.g. business framework and technical infrastructure such as risk quantification and aggregation methodologies) including:<ul style="list-style-type: none">– Key components of risk infrastructure for banks to systematically collect, manage and distribute real-time risk content– Data models and interpretation and translating information into decision and action• Ops Risk I (Course A.6) is not a pre-requisite for Ops Risk II – the Ops Risk I emphasis is on managing operational risk at source level (e.g. managing technology risk, fraud, processing errors, etc)• Ops Risk II deals with the key risks at macro level and on an enterprise-wide basis



MITB (FS) Course Syllabus Summary for A.2, A.3 & A.4

Prior to course: students attend course(s) if they lack prerequisite to apply banking reference architecture knowledge

Week	Session		
1	1	<p>“X” Banking Overview</p> <ul style="list-style-type: none"> • Customer Map • Process & Systems 	} 1 or 2 sessions
	2		
2	3	<p>Banking Reference Architecture</p>	} 9 sessions including a break session
	4		
3	5	<ul style="list-style-type: none"> • Major business lines’ requirements 	
	6 (Break)		
4	7	<ul style="list-style-type: none"> • Processing solutions for banking products 	
	8		
5	9	<p>Supporting Functions</p> <p>“What systems with which functionality are used for processing banking products?”</p>	
	10		
6	11	<p>Solutioning & Architecture Trade Offs</p> <p>Vendors & their mkt*s*</p>	
	12		
7	13 (Recap)	<p>Key Challenges & Trends</p>	
	14 (Exam)		

*May not be taught; could be given to students as an assignment

Total: 12 course sessions per mini-term

MITB (Financial Services) Programme – Series C

A. Banking Processes, IT & Architecture

A.1 Banking Products & Processes

A.2 Retail Banking Technology: Processes, IT & Architecture

A.3 Corporate & Institutional Banking Technology : Processes, IT & Architecture

A.4 Financial Markets Technology : Processes, IT & Architecture*

A.5 Lifecycle Implementation of Banking Products*

A.6 FS Operational Risk : Foundation & Framework

A.7 FS Operational Risk : Data, Information, System & Architecture*

A.1 is compulsory + 4 others from Series A

C. Information Technology & Project Management

C.1 IT Governance & Innovation Management

C.2 Spreadsheet Modeling for Technology & Operations Decisions

C.3 IT Project & Vendor Management

C.4 Global Sourcing of Technology & Processes

D.1 is compulsory (if exempted, replace with course from Series A

D.1 and C.2 are compulsory, select 4 others from Series C and D

D. General Management for Technology & Operations

D.1 Accounting for Technology & Operations Managers

D.2 Strategy & Organisation

D.3 Finance for Technology & Operations Managers

C.2 is compulsory

E. Capstone Project (equivalent to 2 courses)

Project delivery, development & critique workshops, Industry expert seminars & company site visits

C: IT & Project Management

These courses are designed in the context of developing and delivering IT & Process capabilities and services, using examples from financial services as well as other sectors.

Course Name	Key topics
C.1 IT Governance & Innovation Management	<ul style="list-style-type: none">• IT Governance framework, IT decision archetypes• Planning and implementing IT portfolio management• Innovation methodologies, innovation management
C.2 Spreadsheet Modeling for Technology & Operations Decisions	<ul style="list-style-type: none">• Decision models for managing IT investment, assets, operations and projects• Analyzing trade-offs, impacts of uncertainty and risk• Develop models in context of managing IT resources and operations
C.3 IT Project & Vendor Management	<ul style="list-style-type: none">• Sound Project management fundamentals• Understanding complexities of IT project and vendor management and managing risks of development & delivery• Understanding importance of negotiation and conflict resolution skills and techniques in project management
C.4 Global Sourcing Management	<ul style="list-style-type: none">• Evaluation of sourcing alternatives, in-sourcing vs. outsourcing• Managing distributed development projects & delivery processes• Special managerial issues arising from global sourcing and cross border compliance

MITB (Financial Services) Programme – Series D

A. Banking Processes, IT & Architecture

A.1 Banking Products & Processes

A.2 Retail Banking Technology: Processes, IT & Architecture

A.3 Corporate & Institutional Banking Technology : Processes, IT & Architecture

A.4 Financial Markets Technology : Processes, IT & Architecture*

A.5 Lifecycle Implementation of Banking Products*

A.6 FS Operational Risk : Foundation & Framework

A.7 FS Operational Risk : Data, Information, System & Architecture*

A.1 is compulsory + 4 others from Series A

C. Information Technology & Project Management

C.1 IT Governance & Innovation Management

C.2 Spreadsheet Modeling for Technology & Operations Decisions

C.3 IT Project & Vendor Management

C.4 Global Sourcing of Technology & Processes

D.1 is compulsory (if exempted, replace with course from Series A

D.1 and C.2 are compulsory, select 4 others from Series C and D

D. General Management for Technology & Operations

D.1 Accounting for Technology & Operations Managers

D.2 Strategy & Organisation

D.3 Finance for Technology & Operations Managers

C.2 is compulsory

E. Capstone Project (equivalent to 2 courses)

Project delivery, development & critique workshops, Industry expert seminars & company site visits

D: General Management for Tech & Ops

(delivered by other SMU schools)

Course Name	Key Contents topics
D.1 Accounting for Technology & Operations Managers (School of Accountancy)	<ul style="list-style-type: none"> Financial accounting basics: learning to read financial statements, double entry systems, accrual vs. cash systems and judgments involved with assets, liabilities, revenues and expenses. Management accounting basics: problem solving using techniques such as cost behaviour, Cost Volume Profit (CVP) analysis, relevant costing, activity-based costing, budgeting, etc.
D.2 Strategy & Organisation (Lee Kong Chian School of Business)	<ul style="list-style-type: none"> Understand the process of strategic management to include analysis, formulation and execution. Apply management concepts such as change, leadership, organisation and team dynamics. Transform students' thinking into a strategic and organisational mindset to allow students greater success in any role
D.3 Finance for Technology & Operations Managers (Lee Kong Chian School of Business)	<ul style="list-style-type: none"> Understand key principles of finance - ratio analysis, time value of money, capital budgeting, cost of capital, option pricing models Financing tools commonly transacted in FSI

MITB (Financial Services) Programme – Capstone

A. Banking Processes, IT & Architecture

A.1 Banking Products & Processes

A.2 Retail Banking Technology: Processes, IT & Architecture

A.3 Corporate & Institutional Banking Technology : Processes, IT & Architecture

A.4 Financial Markets Technology : Processes, IT & Architecture*

A.5 Lifecycle Implementation of Banking Products*

A.6 FS Operational Risk : Foundation & Framework

A.7 FS Operational Risk : Data, Information, System & Architecture*

A.1 is compulsory + 4 others from Series A

C. Information Technology & Project Management

C.1 IT Governance & Innovation Management

C.2 Spreadsheet Modeling for Technology & Operations Decisions

C.3 IT Project & Vendor Management

C.4 Global Sourcing of Technology & Processes

D.1 is compulsory (if exempted, replace with course from Series A

D.1 and C.2 are compulsory. select 4 others from Series C and D

D. General Management for Technology & Operations

D.1 Accounting for Technology & Operations Managers

D.2 Strategy & Organisation

D.3 Finance for Technology & Operations Managers

C.2 is compulsory

E. Capstone Project (equivalent to 2 courses)

Project delivery, development & critique workshops, Industry expert seminars & company site visits

E. Capstone Project

- The MITB Capstone project is a compulsory component of the MITB programme
- Under special situation, students may replace the capstone project with 2 courses. This is accommodated only for students who are already working in Financial Services Industry.
- Full-time students – project completion within their one year of study
- Part-time students – project initiated within first year and completed during their second year of study

Completed Capstone Projects Examples

Channels

- Next Generation Internet Banking
- Project Social Media for Banking Industry
- Remote Banking Service - Bridging the Gap between Rural and Urban Centers

Customer Analytics

- Leveraging BI Platform to better predict customer behaviour in Banks
- Net New Money Reporting
- Revenue by Vintage Analysis
- Web-based application for generation of scorecards

Core Systems

- Core Banking Platform Study
- Creativity and Business Innovation for Offshore/Onshore Customers for Priority Banking

Financial Markets

- Foreign Exchange Technology Innovation and Market Infrastructure

Completed Capstone Projects Examples

Operations Management

- Change Management Study
- Financial Institution's Credit Admin Process Improvement
- Migration of Core System & Credit Card (Business Process Re-engineering Analysis)
- Western European Service Center - Microsoft Office Sharepoint Server 2007 Implementation project

Planning

- Business Excellence and Strategic Planning in Check Clearing Facilities in Singapore
- Capacity Planning
- Technology and Operations Planning: A review of GFM systems and processes and A Strategy for Managing GFM IT for Business Value

Completed Capstone Projects Examples

Payments & Cards

- Application of Lean Production Process Improvement on Check Clearing Facilities in Singapore
- Cheque Truncation Project
- Effects of New Technology in Check Clearing Facilities in Singapore

Risk & Security Related

- Fraud Monitoring & Detection System
- Low Cost Two-factor Authentication
- Managing the challenges of spreadsheet and other user developed and maintained applications
- Signature Recognition Device for Mobile Relationship Managers
- Technology and Operations Risk Management
- Wholesale Bank Operational Dashboarding

A Sample of Capstone Project Sponsors

Capstone Project Sponsors
Bank of America Merrill Lynch
Banking Computer Services Pte Ltd
Bank Julius Baer
Barclays Capital
Blackstone Consulting Pte Ltd
Citibank
Commerzbank
DBS
GE Money
Integro Technologies
OCBC Bank
SAS Institute Pte Ltd
Singapore Exchange Ltd
Standard Chartered Bank
United Overseas Bank

Recent Project Comments (1/2)

“...I found the 2 of them exceptional, many times better than some of my own trainees from the top management institutes. They not only participated fully and worked towards success, they also blended in with my team very well and conducted themselves admirably.

The measure of their success is that the demo we ran for the users was received with critical acclaim and is now (sic) on the CEO's desk for funding to be converted into a bigger project that will alter the operational landscape of the bank. The CEO has been briefed on it and is quite excited and happy with it.

I do believe, Daniel and Melvin, were good ambassadors for SMU, I would like to see them succeed in everything they attempt from here on” (30 Jan '09).

Govindarajan Venkateswaran
Head - Technology Architecture & Strategy (Wholesale Bank), Business Solutions
Standard Chartered Bank

Project titled "SCB WB Operational Dashboarding" by MITB students Daniel GOH and Melvin LENG

Recent Project Comments (2/2)

“The project has clearly met both the academic and business expectations. The students not only defined the problem and identified the solutions, they successfully applied their research to a real life situation and convinced business users that risk could be mitigated. The next step would be for DBS to recognize the approach as its corporate standard so that it could be applied widely within DBS.” (21 Apr '09).

- An ex-university lecturer and currently a SVP in DBS Bank who attended the students' briefing.

Project titled “Managing the challenges of spreadsheet and other user developed and maintained applications.” by MITB students Sandip SHARMA and Venkata Rao VADLAMUDI

Target applicants group for MITB Programme (in terms of work experience)

Years of Working Experience

		IT educated professionals <ul style="list-style-type: none"> Who will move into T & O management positions. Who will be programme managers who can strategically design new solutions & processes 	Experienced operations or process professionals <ul style="list-style-type: none"> Who will play the interfacing role with the technology organizations Who need more IT solutions understanding to lead process transformation
None	*		
2 to 6 years		Target for SIS masters	Target for SIS masters
7 to 14 years			
15+ years			

* Exception - Selected and exceptional SIS undergrads who qualify for SIS BSc – Masters fast-track

MITB (FS) Class Profile by Intake Cohort

2007 Intake

No. of Students: 22
 Part Time: 22
 Full Time: 0

26 < Age < 44

2008 Intake

No. of Students: 25
 Part Time: 17
 Full Time: 8

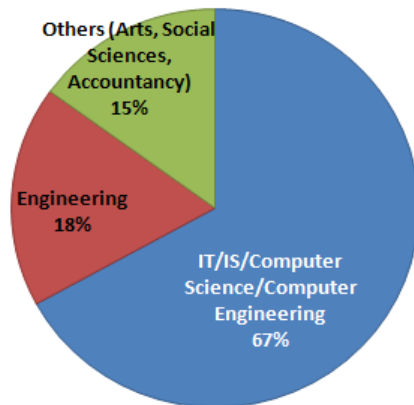
23 < Age < 43

2009 Intake

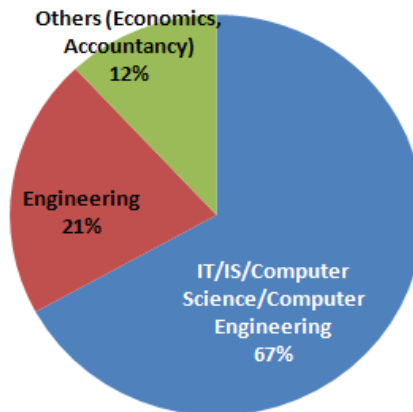
No. of Students: 32
 Part Time: 23
 Full Time: 9

24 < Age < 47

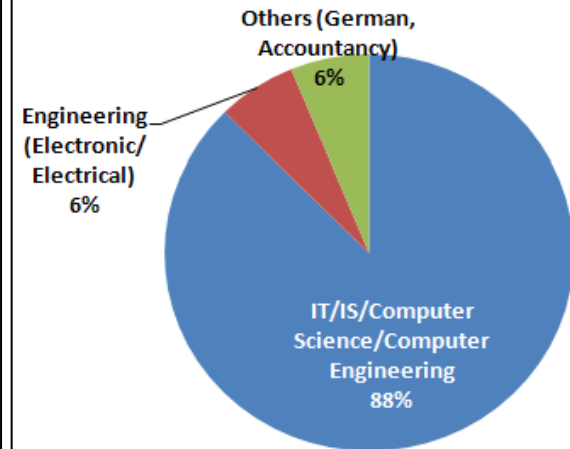
Previous Education



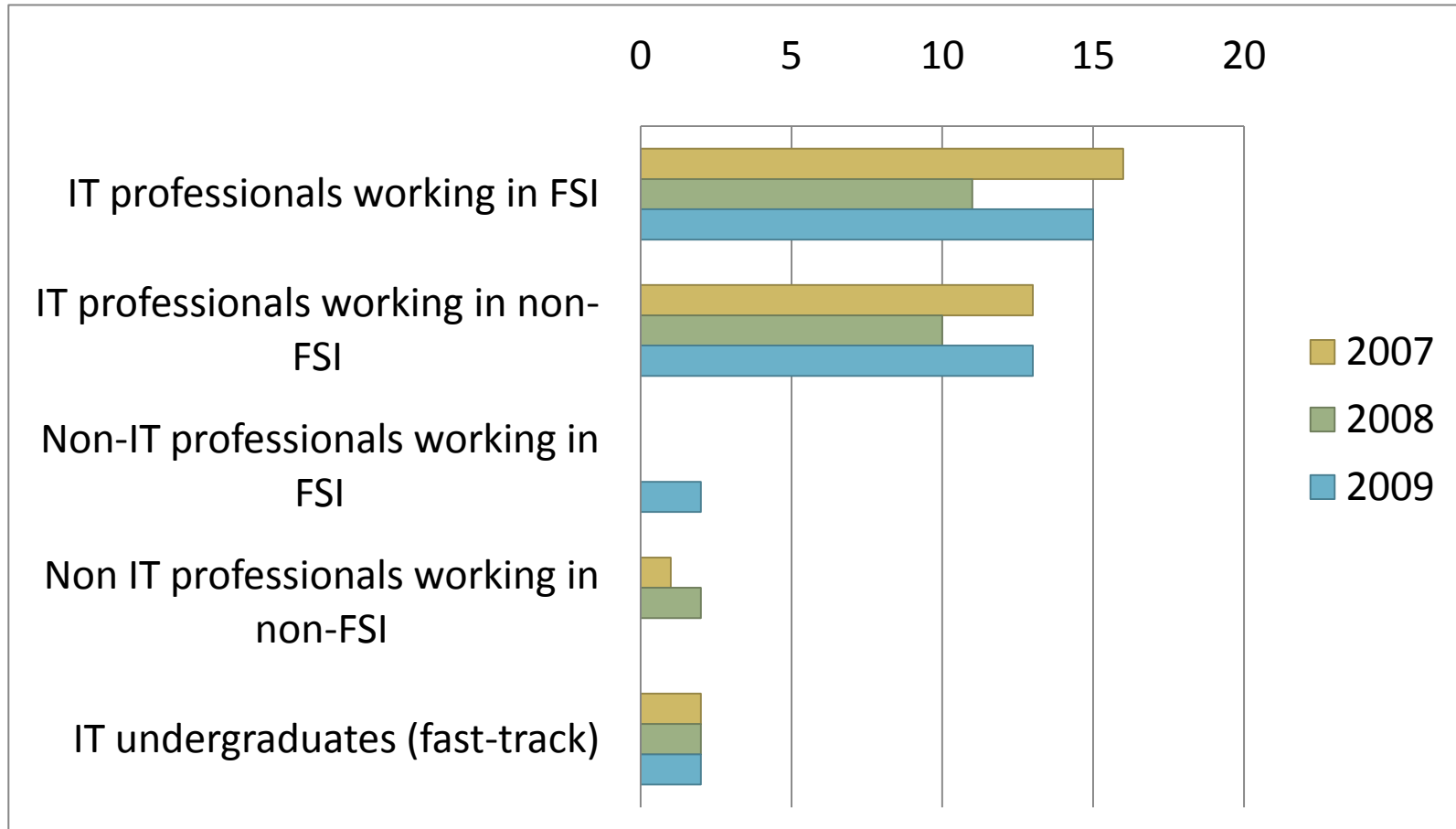
Previous Education



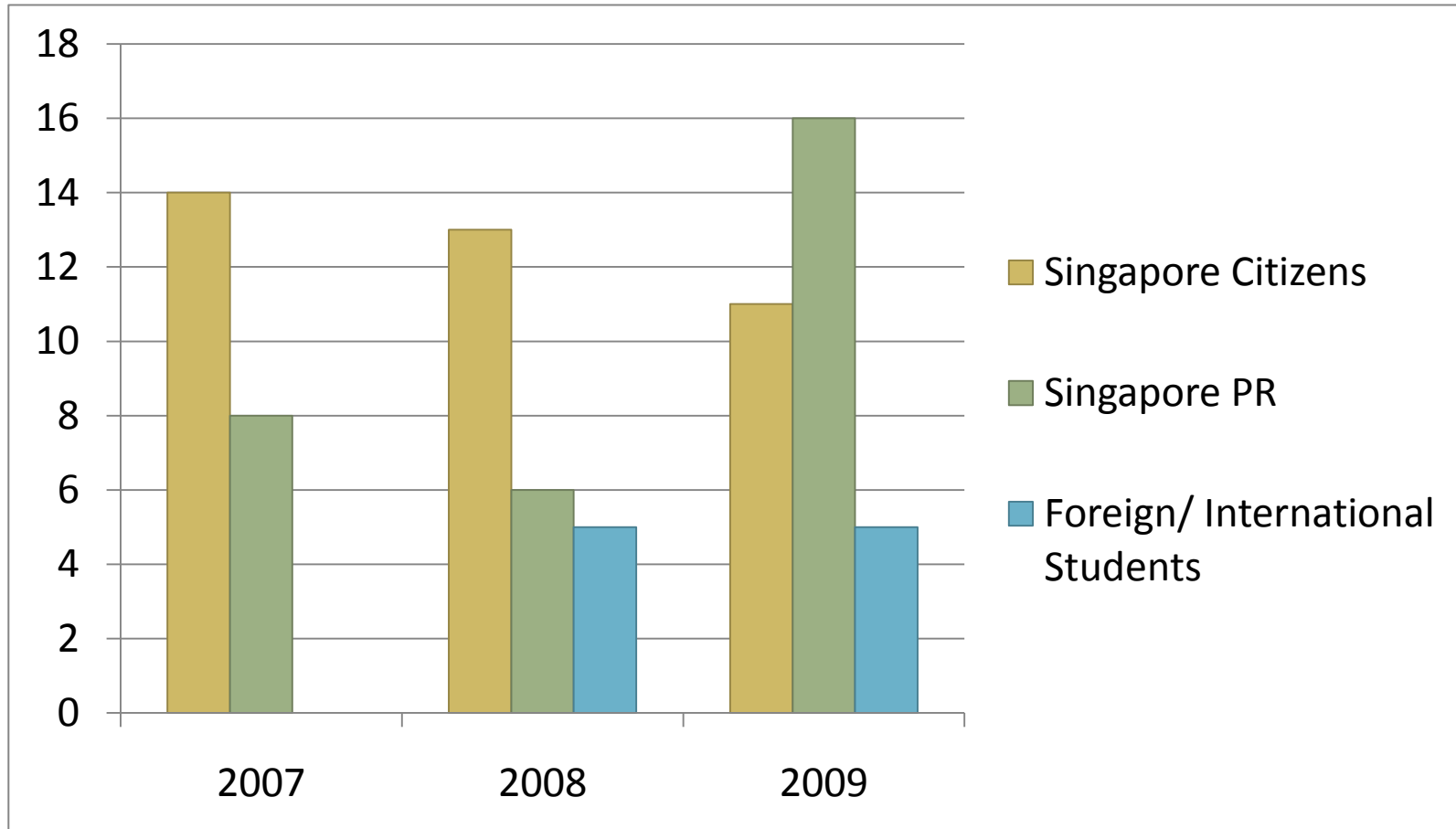
Previous Education



MITB (FS) Incoming Students' Profile – Job Functions



MITB (FS) Applicant Profile by Nationality



Out of the 27 Students who have completed since Nov 2009:

- 4 students received a promotion in their respective organization following completion of the MITB(FS) programme.
- 11 students attained an increase in mobility.
 - 7 from non-financial services industry background moved into the financial services industry (FSI).
 - 4 who are in the FSI had a lateral change in job function (intra organization or intra industry).
- 10 students became better equipped to face the challenges ahead.
 - These 10 students are spread across 6 industries, namely banking, IT, education, consultancy, airlines and investment industry.
- The remaining 2
 - 1 Colombo Plan Scholar returned to serve in his country.
 - 1 student returned home. Attempt is being made to re-establish contact.

Job Roles Assumed After Completing Programme

Students who were already in Financial Services before starting programme:

- 4 of these students received a promotion during or after programme:
 - From 'IT Solution Generator' to 'Assistant Manager, Business Information Systems'
 - From 'Head, Data Centre Services' to 'Global Head, Production Operations, Global Retail & Commercial Banking'
 - From 'Senior Network & Security Specialist' to 'Deputy Head of Technology'
 - From 'Analyst' to 'IT Process and Systems Manager'

Students who were in other industries before starting programme:

- Roles of the 7 students who moved into the FSI following completion of programme
 - Business Analysts
 - Management Associates

Job Titles of Students who have completed Programme

- Management Associate
- Senior Associate
- Lecturer (at a polytechnic)
- Analyst
- Consultant
- Business Development Manager
- Director Sales
- Sales Consultant
- Senior Account Manager
- Senior Programmer Analyst
- Systems Supervisor
- Database Administrator
- Assistant Manager, Business Information Systems
- Deputy Head of Technology IT Process and Systems Manager
- Global Head, Production Operations, Global Retail & Commercial Banking
- Vice President, Credit Payment Business Support

Programme Fees & Admission Criteria

- Masters programme fees: S\$40,000 inclusive of GST
 - Scholarship opportunities available for outstanding students
- Admission Criteria
 - A good Bachelor's degree preferably in Computer Science, Information Systems, IT, Engineering or Science
 - At least 2 years of IT and/or operations related work experience in Banking, or other segments of the financial services industry
 - Professionals with strong IT and/or operations work experience in other industries are also encouraged to apply
 - GMAT*
 - At least 2 referee letters
 - Admission interviews will be conducted for short-listed candidates
- Admission Structure
 - Annual intake basis: 22 (Y1), 25 (Y2), 32 (Y3), max of 50.

GMAT

- GMAT is a must for application into any SMU Masters programme.
- Applicants must apply with valid GMAT (within the last 5 years) or a registered GMAT date.
- Conditional acceptance may be granted to applicants with registered GMAT date.
- GMAT score must be submitted before matriculating into the programme.
- There is no exemption from GMAT; GRE may be used as an alternative.

You can apply prior to taking the GMAT.
Check the next available date at: **www.gmat.com**

Scholarship Opportunities

	Finance Scholarship Programme (FSP)		MITB Scholarship	SAS Scholarship
	Company Sponsored Track	Individual Track		
Overview	<ul style="list-style-type: none"> • MITB is a FSP approved programme • FSP is supported by Financial Sector Development Fund (FSDF) • FSP is administered by MAS 		<ul style="list-style-type: none"> • Offered by the MITB Programme 	<ul style="list-style-type: none"> • Offered by SAS Institute Pte Ltd
General Description	<ul style="list-style-type: none"> • Open to Singapore-based financial institutions who may wish to sponsor fresh graduates and/or staff for the MITB programme • Scholarship applicants must be <u>accepted</u> into MITB programme 	<ul style="list-style-type: none"> • Open to fresh graduates, as well as working professionals who need not be from the financial industry • Scholarship applicants must have <u>applied</u> to the MITB programme 	<ul style="list-style-type: none"> • Up to four scholarships will be awarded every year • Scholarship applicants must be <u>accepted</u> into MITB programme 	<ul style="list-style-type: none"> • Up to four scholarships will be awarded for three consecutive intakes commencing Academic Year 2008-2009 • Scholarship applicants must be <u>accepted</u> into MITB programme
		<ul style="list-style-type: none"> • Part-time and full-time MITB students who are Singapore citizens or permanent residents may apply for either track of FSP scholarship 		<ul style="list-style-type: none"> • Part-time and full-time MITB students of any nationality may apply

Scholarship Opportunities

	Finance Scholarship Programme (FSP)		MITB Scholarship	SAS Scholarship
	Company Sponsored Track	Individual Track		
Funding Support	<ul style="list-style-type: none"> The scholarship will co-fund up to 70% of qualifying expenses incurred by the scholars during the course of studies 		<ul style="list-style-type: none"> Each MITB scholarship is valued at between S\$5,000 - S\$10,000 	<ul style="list-style-type: none"> Each SAS scholarship is valued at S\$10,000
Scholarship Application Deadline	<ul style="list-style-type: none"> Scholarship application to be submitted at least two months <u>before</u> start of Masters programme (August) 	<ul style="list-style-type: none"> FSP is open for applications from November to January (deadline: end January) and from May to July (deadline: end July) Late applications may be considered on a case-by-case basis but outcome of the applications would likely be available only after the start of Masters programme 	<ul style="list-style-type: none"> Suitable applicants are identified during the MITB interview process 	<ul style="list-style-type: none"> Suitable applicants are identified during the MITB interview process

Scholarship Opportunities

	Finance Scholarship Programme (FSP)		MITB Scholarship	SAS Scholarship
	Company Sponsored Track	Individual Track		
Minimum Service Period / Bond	<ul style="list-style-type: none"> Scholarship recipients are expected to serve a minimum 2-year period in a job position related to their area of specialisation 	<ul style="list-style-type: none"> Scholarship recipients are expected to fulfil a 2-year service with a Singapore-based financial institution in a job position related to their area of specialisation 	<ul style="list-style-type: none"> No bond is required of the scholarship recipients 	<ul style="list-style-type: none"> No bond is required of the scholarship recipients

Outstanding Student Award

- For each graduation batch, the MITB programme will present 2 outstanding student awards of at least S\$3,000
- Recipients will be determined purely based on merit
 - Part-time students: the first 4 terms' results; and
 - Full-time students: the first 2 terms' results
- Recipients must not be a recipient of other scholarship, sponsorship or award

Important Dates

Application	<ul style="list-style-type: none">• Open from January 2010 for August 2010 intake• Official application deadline: 31 May 2010 (Contact the MITB office after 31 May 2010)
Interviews & Shortlisting	<ul style="list-style-type: none">• 1 February 2010 - 31 May 2010
Offer Letters	<ul style="list-style-type: none">• May 2010
Acceptance	<ul style="list-style-type: none">• May - June 2010
Matriculation & Orientation	<ul style="list-style-type: none">• 3 August 2010
Seminars	<ul style="list-style-type: none">• From August 2010 onwards
Academic Year 2010 Term 1	<ul style="list-style-type: none">• 16 August 2010

Recent Seminars

information for

› Prospective Students

› Undergraduate

› Postgraduate

› Academics & Professionals

› Partners & Community

› Alumni

› Introduction

› About the Programme

- Programme Structure
- Course Description
- SMU Unified Banking Process Framework
- Capstone Project with Industry
- Learning Outcomes

› Admission, Scholarships & Awards

- Admission, Application & Fees

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MITB

Master of IT in Business (Financial Services)



Seminars

MITB Seminars

The School of Information Systems relentlessly creates opportunities for students to interact with renowned personalities and knowledge experts from the industry, and to listen to their viewpoints and perspectives.

Scroll down for a list of upcoming and past Seminars catered to the MITB programme.

[2010](#) | [2009](#) | [2008](#) | [2007](#)

June 16, 2010, 19:00 - 21:30, Seminar Room 3.1, School of Information Systems
My Experience with Algorithmic Trading

Dr. Helmut H.

Type to search

Apply to MITB

- › Admission Requirements
- › Application Procedures
- › Scholarships & Awards
- › New Applicant | Existing Applicant

Testimonials

Information on upcoming and past seminars can be found at:
http://www.sis.smu.edu.sg/programme/Masters/seminars_10.asp

The Asian Banker Summit 2010



MITB Students' Involvement

- Analysis and short-listing of nominations for 13 categories of Technology Implementation Awards
- Conference write-ups, Tweets
- Conference participation

Follow on Information

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