

2013

Master of Science

- **Engineering Business Management** Part-time/Full-time 
- **Supply Chain and Logistics Management** Part-time/Full-time 

Postgraduate Award

- **Engineering Business Management** Part-time
- **Supply Chain and Logistics Management** Part-time

Kuan BeeLan

*Graduate, Class of 2010
Master of Science in Engineering
Business Management
The University of Warwick, UK*



"I liked the group/team exercises. It allowed us to discuss and share our knowledge." (2010)

Colin Liu
Project HSE Manager
EMAS Offshore Construction & Production
Graduate, Class of 2009
Master of Science in Engineering Business Management
The University of Warwick, UK



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WELCOME MESSAGE



Welcome to the WMG MSc programme brochure – thank you for taking the time to look at what we have to offer! I am very proud to be a part of this programme and the others that WMG offers in the UK and in our other centres around the world – and I hope you would be as well, should you decide to join us.

In today's challenging business environment keeping up to date with the latest technology and management theories and techniques is essential for motivated and ambitious staff to enhance their own careers and contribute to the success of their companies. WMG's MSc in Engineering Business Management and MSc in Supply Chain and Logistics Management are ideal means for good graduates and managers to develop their professionalism in this way.

As you will see from other sections of this brochure, WMG has long been established as a leader in research and postgraduate education – extending far beyond our early roots in the manufacturing industry. Our wide range of courses (two of which are currently offered in Singapore) draw upon our experience in manufacturing industry and other related sectors. Recently WMG has expanded into the Cyber Security and Digital Healthcare sectors, drawing on our knowledge of the management of engineering industries to apply the philosophies and techniques more widely.

The taught elements of the courses are delivered in intensive blocks of study by Warwick faculty who travel to Singapore for that purpose, the modules are assessed by assignments designed to apply the learning from the module to the participant's industrial context and the research project (which contributes 50% of the credit for the MSc) is proposed by the participant and supervised jointly by in-company experts (who ensure company relevance of the research) and staff from SIMTech (who ensure academic relevance and quality). In this way, the programme has successfully contributed to blue chip and small-medium sized enterprise advancement through participants transferring knowledge and applying their learning to their companies. The range of modules available and the self-definition of the project element means that this programme has the flexibility to be tailored to individual needs.

As one of our alumni says “The way the course is taught encourages you to constantly explore concepts and ideas. It makes you challenge your own thinking and focus on developing real working solutions. The great thing was how it combined technical and business subjects.”

WMG has been offering similar programmes in the UK since the early 1980s and through various collaborative partners around the world since 1990; to enhance the flexibility of their individual programme, participants have the opportunity to augment their study by undertaking modules at one or more of these other centres of operation should there be modules not offered at present in Singapore or business needs mean the participant is based elsewhere for a time.

If you would like to see more of WMG and interact with other people who do, then perhaps you would like to visit our MSc Facebook page at <http://www.facebook.com/wmgmasters>

Should you decide to join the WMG family, I look forward to meeting you and supporting you through your study.

Eur Ing Dr Amanda Dowd, BSc, PhD, CEng, FIET
Academic Director of Graduate Studies (WMG)

THE UNIVERSITY OF WARWICK



Aerial view of The University of Warwick



Established in 1961, The University of Warwick is one of the UK's leading research universities, with an acknowledged reputation for excellence in research and teaching, for innovation and for links with business and industry.

Warwick has consistently maintained its position in the top 10 of UK league tables, offering courses with high academic content that are stimulating and challenging.

The University of Warwick has won royal recognition for the work of WMG (formerly Warwick Manufacturing Group) and received the award of a Queen's Anniversary Prize for Higher and Further Education in 2009.

About WMG

WMG is UK's leading academic manufacturing team with exceptionally strong links to companies world-wide and a part of The University of Warwick. WMG provides training to over 1,500 postgraduates, in the UK and through centres in China, India, Thailand, South Africa and Malaysia.

WMG has pioneered an international model for working with industry, commerce and public sectors. The Group's strength is to provide companies with the opportunity to gain a competitive edge by understanding a company's strategy and working in partnership with them to find innovative solutions through multi-disciplinary research. WMG's research teams comprise a range of specialists including engineers, physical scientists, material scientists, mathematicians, designers, IT specialists, social scientists, economists and knowledge transfer experts.

The Group occupies a unique position between academia and industry; all of its research projects are dedicated to finding solutions to real world problems, and participants benefit from its first-hand understanding of the issues facing modern industry.

SINGAPORE INSTITUTE OF MANUFACTURING TECHNOLOGY

The Singapore Institute of Manufacturing Technology (SIMTech) is one of the research institutes of the Agency for Science, Technology and Research (A*STAR). Established in 1993, its mission is to develop high value manufacturing technology and human capital to enhance the competitiveness of Singapore's manufacturing industry.

It collaborates with multi-national and local companies in the precision engineering, electronics, semiconductor, medical technology, aerospace, automotive, marine, logistics and other sectors.



SIMTech Building

SINGAPORE INSTITUTE OF MANAGEMENT (SIM GROUP)



Our Vision

To be the Centre of Leadership and Management Excellence; and the Embodiment of Lifelong Learning.

Our Mission

- Spearhead management thought leadership
- Be the preferred strategic partner of corporations in maximising return on human capital
- Be the choice provider of continuing education to individuals
- Transform SIM into a regional brand

Our Purpose

- To open doors in life through education opportunities
- To support SIM Group's social mission

Our Core Values

- Trust and Respect for the Individual
- Teamwork
- Open and Timely Communication
- Performance Excellence
- Spirit of Innovative Adventure

Our Culture

An open culture where staff trust and respect each other; embrace change and seek ways to innovate; learn and work together as a team.

Our Commitment

To our Members

We care for our members, recognise their importance, and strive to raise the prestige of their membership.

To our Customers

We value our customers and commit ourselves to actively improve our services and products.

To our Employees

We care for our people by creating a conducive work environment, helping them to balance family and work commitments, recognising their contributions, and developing them to their full potential.

To our Community

We honour our social obligations and pledge to be a good corporate citizen by always acting professionally and ethically in all matters.

Our Quality Policy

We are dedicated to continuously improve our services and to consistently exceed the expectations of our customers.

The Singapore Institute of Management (SIM Group) is the leading provider of higher education and professional training in Singapore, reputed for its dedication to lifelong learning and high standards and quality. Founded in 1964 under the initiation of Economic Development Board to support Singapore's economic development, we are today a diverse and vibrant organisation with a wide range of programmes and services.

We are also a membership-based organisation with more than 38,000 individual and corporate members. Our extensive range of membership programmes, activities and resources provide an important nexus for students and members to network and learn.

The SIM Group offers its core services through three educational brands:

SIM University (UniSIM)

SIM University is the only university in Singapore dedicated to working adults, allowing them to pursue lifelong learning and higher education while balancing career, family and social responsibilities. It adopts a flexible and practice-focused learning approach and offers more than 50 academic programmes in various disciplines. It has an enrolment of more than 12,000 students. Eligible Singaporeans and Permanent Residents taking SIM University's undergraduate programmes enjoy a government subsidy of up to 55% of tuition fees. The SIM University Education Fund has been a Singapore 'Institution of a Public Character' (IPC) since September 2005.

SIM Global Education

Students can choose from a wide range of high-quality overseas degree programmes made available through SIM's partnership with established international universities and institutions from the United Kingdom, United States, Australia and Switzerland. Most of the students are full-time students, but SIM Global Education also offers part-time programmes that cater to working adults. Offering over 50 academic programmes, its enrolment stands at 21,500, with about 2,500 foreign students.

SIM Professional Development

About 11,300 professionals benefit annually from the vast selection of short executive training programmes offered by SIM Professional Development. Its customised in-company training programmes help companies optimise effectiveness in various fields of management and human resource development.

MASTER OF SCIENCE IN ENGINEERING BUSINESS MANAGEMENT

PART-TIME/ FULL-TIME 

This programme is a 3-party collaboration with The University of Warwick, SIM Global Education and Singapore Institute of Manufacturing Technology (SIMTech).

Programme Overview

The Master of Science in Engineering Business Management (EBM) programme will enhance or launch your career as a professional manager in the engineering, manufacturing and process-based industry. Designed to develop abilities to manage and lead, the programme gives you a broad understanding of manufacturing and engineering business-based functions in such organisations.

The MSc programme provides the opportunity for you to learn:

- The processes and technologies used by engineering and technology-based businesses
- The management and operational requirements of a business
- The use of analytical tools and techniques
- A methodical approach to problem-solving and decision-making
- How to improve internal and external operations
- How to research, analyse and evaluate complex business information

Award Criteria

Participants will be required to successfully complete nine modules with at least two modules from the Business category and five modules from the Operations and Technology categories. The remaining two modules may be from any category.

In addition, participants will also be required to complete a major project centred on a genuine business issue, which includes an oral examination.

| Modules | EBM |
|--|-----------------------|
| Business <ul style="list-style-type: none"> ▪ Financial Analysis and Control Systems ▪ Business Strategy and Strategic Management ▪ Organisations, People and Performance ▪ Management of Change | At least two modules |
| Operations <ul style="list-style-type: none"> ▪ Innovation ▪ Logistics and Operations Management ▪ Project Planning, Management and Control ▪ Supply Chain Management ▪ Procurement and Inventory Management ▪ Quality Management and Techniques | At least five modules |
| Technology <ul style="list-style-type: none"> ▪ Materials Engineering ▪ Manufacturing Process Technology | |
| MSc Dissertation <small>(Project)</small> The individual MSc Dissertation is worth 50% of the credit for your degree and as such will take approximately 900 hours of your effort. The topic of your MSc Dissertation should be based on a genuine issue within your business and will therefore deliver real business benefits. The MSc Dissertation will be related to the management of: companies in the engineering sector, the engineering function within a non-engineering company, or the supply chain within the engineering sector. It will address aspects such as operational, financial, human resourcing or strategic management issues. If the focus of the MSc Dissertation is outside the above industrial spectrum, it must contain considerable comparative analysis of practices in the engineering sector. | Compulsory |

MASTER OF SCIENCE IN SUPPLY CHAIN AND LOGISTICS MANAGEMENT

PART-TIME/ FULL-TIME 

This programme is a 3-party collaboration with The University of Warwick, SIM Global Education and Singapore Institute of Manufacturing Technology (SIMTech).

Programme Overview

The Master of Science in Supply Chain and Logistics Management (SCLM) programme will provide the tools and techniques to evaluate, manage and improve service, operational and supply chain processes and conduct market analysis. It also aims to provide a basic understanding of markets, product and process development and financial management.

The programme supports the further development of people in logistics, purchasing and supply chain in manufacturing-based enterprises, as well as support service organisations. It is essentially about developing change agents and leaders who can engineer and manage effective supply chains and lead integration in technology-based organisations.

The programme focuses on using enterprise resource planning systems in order to improve the operational functions of a business and develop a broad understanding of strategy development and design. The main objective of the programme is to ensure reliable, cost effective and high quality supply.

Graduates can be expected to be employed in many different manufacturing and service companies including providers of third party logistics, or as specialists in supply chain, planning or logistics.

Award Criteria

Participants will be required to successfully complete nine modules with at least one module from the Direction Motivation and Care of People category, one module from the Business category and five modules from the Operations category. The remaining two modules may be from any category.

In addition, participants will also be required to complete a major project centred on a genuine business issue, which includes an oral examination.

| Modules | SCLM |
|--|-----------------------|
| Direction Motivation and Care of People <ul style="list-style-type: none"> Organisations, People and Performance Management of Change | At least one module |
| Business <ul style="list-style-type: none"> Financial Analysis and Control Systems Business Strategy and Strategic Management | At least one module |
| Operations <ul style="list-style-type: none"> Innovation Logistics and Operations Management Project Planning, Management and Control Supply Chain Management Procurement and Inventory Management Quality Management and Techniques | At least five modules |
| MSc Dissertation (Project) The individual MSc Dissertation is worth 50% of the credit for your degree and as such will take approximately 900 hours of your effort. The topic of your MSc Dissertation should be based on a genuine issue within your business and will therefore deliver real business benefits. The MSc Dissertation should relate to a logistics related topic e.g., purchasing / outsourcing, material/ production control, inventory reduction, material flow, warehousing and distribution, supply chain management or transport planning. | Compulsory |

PROGRAMME STRUCTURE FOR MASTER'S PROGRAMMES



Duration of Programme

| | Part-time | Full-time |
|--------|--------------------|-----------|
| Period | Two to Three Years | One Year |

Candidature Period

| | Part-time | Full-time |
|----------------|-------------|-----------|
| Maximum Period | Three Years | One Year |

Any participant who fails to complete the programme within the maximum allowed period will not be entitled to any recourse or refund.

Mode of Delivery

Lecturers from The University of Warwick will fly in to deliver the same module they teach in the UK, thus ensuring equivalent academic input for our programmes offered in Singapore.

Part-time:

The modules are delivered one at a time, once every two months, over a period of eighteen months. Participants embark on a project upon completion of the sixth module (i.e. at the start of their second year of registration).

The following is an example of the typical schedule for each module.

| Saturday | Sunday | Monday | Tuesday | Thursday | Friday | Saturday |
|----------|---------|-------------|-------------|-------------|-------------|----------|
| 9am-6pm | 1pm-6pm | 6.30pm-10pm | 6.30pm-10pm | 6.30pm-10pm | 6.30pm-10pm | 9am-6pm |

Full-time:

The modules are delivered one at a time per month.

The modules are delivered intensive over five full days in the day and for some modules, over week nights and full day on weekends.

Students will be required to spend part of their time at SIMTech's premises (SIMTech is one of the research institutes of the Agency for Science, Technology and Research (A*STAR) to complete assigned project for their MSc Dissertation. Their project work will be supervised and assessed by SIMTech staff in accordance to the University of Warwick guidelines and standards, and the completed projects are moderated by a senior member of Warwick staff to ensure consistency.

All course materials will be available online from 2014.

Duration of Each Lesson

Class comprises lectures conducted from three to nine hours.

All classes will be conducted at SIM Headquarters, 461 Clementi Road, Singapore 599491 unless otherwise stated.

Minimum Number of Students Required Before a Class Commences

For a class to commence there must be a minimum of 25 participants. In the event that the class cannot commence due to low take up rate, participants will be informed one month prior to class commencement.

Attendance Requirements

100% attendance rate as stipulated by The University of Warwick.

Assessment

There is no formal examination for the modules but each module will have coursework. Coursework will constitute 50% of the credit for the MSc programme. For the part-time MSc programme, coursework is designed to solve company problems for immediate application of concepts and tools.

The project comprises 50% of the credit for the MSc programme. For the part-time MSc programme, project work is supervised by industrialists as well as academic supervisors. For the full-time MSc programme, project work is assigned and supervised by SIMTech.

Participants who are unable to complete the full credit required for the MSc (which is 180 credits) may request for one of the sub-qualifications of Postgraduate Diploma (120 credits), Postgraduate Certificate (60 credits) or Postgraduate Award (30 credits).

Progression

Participants will be allowed to progress through every module after completion of coursework. However, they will need to satisfy and meet the conferral requirements at the end of the programme to graduate.

Award and Graduation

Part-time:

To attain the Master of Science awarded by The University of Warwick, participants must successfully complete all coursework for nine modules and a major project centred on a genuine business issue, which includes an oral examination.

All consultation on the project will be conducted during the programme duration. The onus is on the participants to make progress in his/her own project. However, the MSc project must be completed within three years of commencement of the programme.

Full-time:

To attain the Master of Science awarded by The University of Warwick, students must successfully complete all coursework for nine modules and a major project which includes an oral examination.

Opportunities for Further Study

Graduates can explore pursuing a Doctorate programme with The University of Warwick.

Job Prospect after Graduation

Masters of Science in Engineering Business Management

Graduates can expect to be employed as leaders of business development, manufacturing, quality assurance, human resources or customer service in a wide variety of manufacturing or service organisations, particularly where technology plays a significant part in business success.

Masters of Science in Supply Chain and Logistics Management

Graduates can expect to be employed in many different manufacturing and service companies including providers of third party logistics as specialists in supply chain, planning or logistics.

POSTGRADUATE AWARD IN ENGINEERING BUSINESS MANAGEMENT

POSTGRADUATE AWARD IN SUPPLY CHAIN AND LOGISTICS MANAGEMENT

PART-TIME

NEW

NEW

Programme Overview

The above programmes offer pathways that would allow professionals to upgrade their knowledge and skills and validate their learning in a post-module assignment. If the post-module assignment is completed, the credits gained during the programme can be built towards one of the above qualifications which may eventually lead to a full Master's degree.

Participants take the same modules as those currently offered in the Master's programmes at SIM Global Education.

The programmes are developed, fully taught and awarded by The University of Warwick, UK.

Award Criteria

Postgraduate Award in Engineering Business Management

Participants for the Postgraduate Award in Engineering Business Management will be required to successfully complete three modules with at least one module from the Direction Motivation and Care of People and Business category combined and one module from the Technology and Operations category combined. The remaining module can be from any category.

Postgraduate Award in Supply Chain and Logistics Management

Participants for the Postgraduate Award in Supply Chain and Logistics Management will be required to successfully complete three modules with at least two modules from Operations category. The remaining module can be from any category.

There are six intakes a year. Participants select three out of the six modules offered in a year at SIM Global Education. However, they must comply with the requirements for the qualification, as shown in the table below.

Postgraduate Award – Three modules

| Modules | Engineering Business Management | Supply Chain and Logistics Management |
|---|---------------------------------|---------------------------------------|
| Direction Motivation and Care of People <ul style="list-style-type: none"> Management of Change Organisations, People and Performance | At least one module | |
| Business <ul style="list-style-type: none"> Financial Analysis and Control Systems Business Strategy and Strategic Management | | |
| Operations <ul style="list-style-type: none"> Innovation Logistics and Operations Management Project Planning, Management and Control Supply Chain Management Procurement and Inventory Management Quality Management and Techniques | At least one module | At least two modules |
| Technology <ul style="list-style-type: none"> Materials Engineering Manufacturing Process Technology | | |

The remaining one module can be from any category.

PROGRAMME STRUCTURE FOR POSTGRADUATE AWARD PROGRAMMES

WARWICK IS ABOUT... REPUTATION, SUCCESS,
OPPORTUNITY, INNOVATION, EXCITEMENT



International Manufacturing Centre

Duration of Programme

The programmes are scheduled to be undertaken on a part-time basis over 12 months.

Candidature Period

The maximum allowed period for a participant to complete the programme is one year.

Any participant who fails to complete the programme within the maximum allowed period will not be entitled to any recourse or refund.

Mode of Delivery

The modules are delivered one at a time, approximately once every two months.

Lecturers from The University of Warwick will come to Singapore to deliver the same module that they teach in the UK, thus ensuring equivalent academic input for our programme offered in Singapore.

Duration of Each lesson

Class comprises lectures that are conducted three to nine hours. All classes are conducted at SIM HQ.

Minimum Number of Students Required Before a Class Commences

For a class to commence there must be a minimum of 25 participants. In the event that the class cannot commence due to low take up rate, participants will be informed one month prior to class commencement.

Attendance Requirement

100% attendance rate as stipulated by The University of Warwick.

Assessment

There is no formal examination for the modules but each module will have assignments designed to solve company problems for immediate application of concepts and tools.

Progression

Graduates from the Postgraduate Award are eligible to apply with credit to the MSc course.

Award and Graduation

To attain the Postgraduate awards by The University of Warwick, participants must fully attend the modules and successfully complete all the associated assignments.

Opportunities for Further Study

Graduates from the Postgraduate Award are eligible to apply with credit to the MSc course.

Job Prospect after Graduation

Postgraduate Award in Engineering Business Management

Graduates can expect to be employed as leaders of business development, manufacturing, quality assurance, human resources or customer service in a wide variety of manufacturing or service organisations, particularly where technology plays a significant part in business success.

Postgraduate Award in Supply Chain and Logistics Management

Graduates can expect to be employed in many different manufacturing and service companies including providers of third party logistics as specialists in supply chain, planning or logistics.

MSC AND POSTGRADUATE AWARD PROGRAMME INFORMATION

Admission Requirements

Qualifications in business, engineering, IT or scientific discipline. Candidates with good honours degrees in other disciplines who can show proof of satisfactory numeracy may also be considered.

| |
|---|
| Master of Science in Engineering Business Management Master of Science in Supply Chain and Logistics Management |
| Part-time MSc Programmes <ul style="list-style-type: none">▪ Bachelor's degree (2nd Class Honours degree or its equivalent), OR▪ 3rd Class Honours, Pass or Ordinary degree with two years of relevant post-qualification industrial experience in the engineering or logistics industry▪ Advanced Diploma and five years of relevant post-qualification industrial experience in the engineering or logistics industry▪ Participants with other qualifications can be assessed on individual merits |
| Full-time MSc Programmes <ul style="list-style-type: none">▪ Bachelor's degree (2nd Class Honours degree or its equivalent)▪ Participants with other qualifications can be assessed on individual merits. |
| Postgraduate Award Programmes |
| Postgraduate Award in Engineering Business Management Postgraduate Award in Supply Chain and Logistics Management <ul style="list-style-type: none">▪ Bachelor's degree, OR▪ Advanced Diploma and two years of relevant post-qualification industrial experience in the engineering, manufacturing or logistics industry.▪ Participants who do not meet any of the above qualifications will be reviewed on a case-by-case basis, but must at least have five years relevant work experience and must be company- sponsored. |

English Proficiency Requirement

Participants whose entry qualification was not attained in the English medium are required to meet one of the following English language proficiency requirements:

- TOEFL 92 (iBT) with broadly consistent scores in each of the four elements in the test; or
- IELTS 6.5 overall (with at least 6.0 in each band); or
- Pearson Test in English (Academic) with a minimum score of 62 (with at least 59 in each of the four component scores).

Other Requirements

These are required to be submitted with the application:

- Two satisfactory academic/industrial referees, and
- A letter of academic interest and your objectives in undertaking post graduate study

An interview by the Programme Director and/or Programme Faculty may be required as part of the admission process. Applicants not meeting the formal academic requirements will be considered on a case-by-case basis.

Applicants who have a work permit or employment pass can be considered for admission.

GENERAL INFORMATION

Intake Information

| | Master of Science in Engineering Business Management/ Master of Science in Supply Chain and Logistics Management (Part-time) | | Master of Science in Engineering Business Management/ Master of Science in Supply Chain and Logistics Management (Full-time) | | Postgraduate Award in Engineering Business Management/ Postgraduate Award in Supply Chain and Logistics Management (Part-time) | |
|----------------------------------|---|--------------------------------|---|--------------------------------|---|--------------------------------|
| Application Closing Dates | Month of New Intake | Minimum Completion Date | Month of New Intake | Minimum Completion Date | Month of New Intake | Minimum Completion Date |
| 1 Feb 2013 | | | Apr 2013 | Mar 2014 | | |
| 1 Aug 2013 | | | Oct 2013 | Sep 2014 | | |
| Dec 2012 | Jan 2013 | Dec 2014 | | | Jan 2013 | Dec 2013 |
| Feb 2013 | Mar 2013 | Feb 2015 | | | Mar 2013 | Feb 2014 |
| Apr 2013 | May 2013 | Apr 2015 | | | May 2013 | Apr 2014 |
| Jun 2013 | Jul 2013 | Jun 2015 | | | Jul 2013 | Jun 2014 |
| Aug 2013 | Sept 2013 | Aug 2015 | | | Sept 2013 | Aug 2014 |
| Oct 2013 | Nov 2013 | Oct 2015 | | | Nov 2013 | Oct 2014 |

Fees

| | Master's Programmes Part-time | Master's Programmes Full-time | Postgraduate Award Programmes |
|---|--|--|--|
| Programme Fee | S\$32,100.00 | S\$32,100.00 | S\$9,630.00 |
| Per module payable before module commencement | S\$3,210.00 | | S\$3,210.00 |
| Programme fee will be payable in 3 instalments : April Intake - Before programme commencement, July 2013 and November 2013 October Intake - Before programme commencement, January 2014, May 2014 | | S\$10,700.00 per instalment | |
| Per module repeat fee/Additional module | S\$3,210.00 | S\$3,210.00 | S\$3,210.00 |

All fees quoted are inclusive of 7% GST and exclude textbooks.

Updated as at 14 January 2013

Study Loans

Students may obtain study loans from these banks and institutions under a course financing scheme (subject to approval).

All loan enquiries and applications are to be dealt with the banks and institutions directly. For more information, please call:

Maybank
Tel: 1800 629 2265
Website: www.maybank2u.com.sg

POSB
Tel: 6333 0033
Website: www.posb.com.sg

RHB Bank Berhad
Tel: 1800 323 0100
Website: www.rhbbank.com.sg

Interest-free Instalment Plans

When you charge above S\$500 to your Citibank or OCBC Visa/MasterCard, you can enjoy interest-free instalments of six or twelve months. Terms and conditions apply.

For more information, please call:
Citibank
Tel: 1800 225 5225
Website: www.citibank.com.sg/educationloan

OCBC
Tel: 1800 363 3333
Website: www.ocbc.com.sg

WHY WARWICK?

Programme Highlights

- 3-way participation: University + Organisation + Participant
- Combine academic excellence with industrial experience
- Developed with industry to address their needs
- Application-based assignments and projects
- Global experience and inputs

Benefits to Businesses

- On the job (in-company) assignments & project
- Approach business issue as you would with an external consultant
- Immediate application of both concepts and tools

THE WMG FACULTY

The staff who deliver the MSc programmes are WMG Faculty and Associates, well-experienced in education, research and industry. They share their experience and knowledge with participants on the programmes through interactive lectures, role play exercises and other activities aimed at making the learning experience enjoyable as well as educational. These staff are used to interacting with a range of cultures as they deliver the same modules in Singapore as they do in the UK (approximately 60 nationalities are represented on our UK full-time MSc programme) and in our other international centres.



SIM - The University of Warwick Graduation Ceremony, 23 September 2011

MODULE OUTLINE

■ Business Strategy and Strategic Management

The primary purposes of this module are to build on the strategic planning and implementation elements of the MSc programme and to enable participants to understand how they can contribute to the development and/or implementation of their company's business and operational strategies.

■ Financial Analysis and Control Systems

This module provides an understanding of basic accounting principles, terminology and techniques; so that in their work, participants can interpret financial reports and appropriate management accounting practices, and contribute to departmental financial planning and control.

■ Innovation

Many organisations are finding that in order to succeed in increasingly competitive markets they need people who can manage innovation. Although useful insights abound within literature, the body of knowledge on the subject remains disjointed and the adoption of the appropriate skills within industry has been slow. This module aims to help participants develop new skills and knowledge about innovation that will enhance their ability to contribute to the long term competitiveness of businesses.

■ Logistics and Operations Management

Effective logistics management is a critical factor in improving corporate profitability. The module introduces the concept of logistics and provides a comprehensive framework of tools to improve logistics and operations management performance.

■ Management of Change

Critical to successful organisations and the achievement of continued high standards of operation, is the ability of managers to introduce successful change that yields benefits. In recent years most companies have, with varying degrees of success, introduced new initiatives in areas such as Total Quality, Planning and Control and Continuous Improvement. More recently Business Process Re-Engineering (BPR) has been a favoured vehicle for achieving step change improvements in customer service and business efficiency.

Whatever the approach and however big or small the desired change, successful and outstanding results are only achieved when managers have a clear understanding of how individuals are motivated and how groups of people work as a team and react to one another. This module will provide participants with this knowledge.

■ Organisations, People and Performance

This module introduces engineers and technical people to the 'people' aspects of an organisation. The emphasis is on increasing the participant's knowledge and understanding of strategic human resource issues that affect operations on a daily basis.

Organisational, behavioural and management concepts will be explored with the objective of providing participants with a theoretical foundation sufficient to evaluate the Human Resource Strategies of their own organisation.

Module delivery is interactive and draws upon the participant's organisational experience as much as possible.

"All of the lecturers with their deep knowledge of industrial practice, offered their real-life experiences and learnings. This enabled us to be kept updated with current news & developments." (2008)

Brian Chong
Corporate Marketing Manager
Corporate Marketing
NatSteel Holdings Pte Ltd
Graduate, Class of 2010
Master of Science in Engineering Business Management
The University of Warwick, UK



MODULE OUTLINE

■ Procurement and Inventory Management

This module puts emphasis on the design and management of processes and control systems of the inbound supply chain. The content that is covered in this module includes procurement processes and strategies, risk pooling and multi-stage inventory control systems, value of collaboration and streamlined information and financial flow in supply chains, supplier relationship management as well as elementary and advanced methods for analysis and planning.

■ Project Planning, Management and Control

This module treats the management of “projects” in the widest context of a business activity with specific limited objectives and timescale, and encompasses both product development and “change” projects. It provides an appreciation of the issues and current techniques for successful project planning and control, including the selection and motivation of project teams.

■ Quality Management and Techniques

This module treats quality and reliability as an integral part of all functions of both manufacturing and service organisations. It shows how philosophies, systems, legal aspects, employee involvement and techniques should all contribute to improving quality, reliability and safety and reducing costs.

■ Supply Chain Management

This module covers a wide range of topics in supply chain strategies, design, planning, operations and development. Emphasis has been mainly on the perspective of integrated supply process. Releasing value in business through relationship management, cost reduction and lean supply have been the key considerations. The module also provides real world cases of supply chain management, which illustrate ways of achieving enduring competitiveness.

■ Materials Engineering

This module provides a practical understanding of the processing/structure/property relationships and costs of commonly used metals and polymer materials by reviewing the range available, their properties and broad areas of application. Participants will understand the interface between materials technology and other engineering functions.

■ Manufacturing Process Technology

This module provides an appreciation of the application capabilities and limitation of primary and secondary manufacturing processes. Participants will gain the capability to recognise key drivers for process selection and applying basic principles to the solution of shape/property/cost problems and understand the influence on engineering properties of different processes.

■ MSc Dissertation

The individual MSc Dissertation is worth 50% of the credit for your degree and as such will take approximately 900 hours of your effort. The topic of your MSc Dissertation should be based on a genuine issue within your business and will therefore deliver real business benefits.

The proposed MSc Dissertation for the MSc in Engineering Business Management should be related to:

- The management of the companies in the engineering sector
- The engineering function within a non-engineering company
- The supply chain within the engineering sector.

The scope of the MSc Dissertation needs to address aspects such as operations, financial, human resource or strategic management issues. Where the MSc Dissertation is of a technical nature, there must be clear evidence of business benefit from this technology. In cases where the focus of the MSc Dissertation is outside the above industrial spectrum, it must contain considerable comparative analysis of practices in the engineering sector. Participants have to pass both the oral and dissertation components of the MSc Dissertation.

The proposed MSc Dissertation for the MSc in Supply Chain and Logistics Management should relate to a logistics related topic eg purchasing/outsourcing, material/production control, inventory reduction, material flow, warehousing and distribution, supply chain management or transport planning.

Modules to be offered will be at the discretion of SIM and The University of Warwick.



The University of Warwick Overview

APPLICATION & ADMISSION



How to Apply

Application Forms

To apply for SIM's academic programmes, please use the enclosed application form (if available) or download a copy of the application form from SIM GE's website, www.simge.edu.sg

Supporting Documents

By the application closing date, you must:

1. Have attained the minimum qualification required for the programme, and
2. Submit the following documents:
 - Completed application form with passport-size photograph(s)
 - Certified true copies of all qualifications and supporting documents, including result transcripts. Please bring along the original documents for verification at SIM's Student Recruitment Centre, Level 2.
 - Certified copy of identification
 - One copy of NRIC for Singaporeans and Singapore PR; or Birth Certificate, Passport, and an appropriate Pass indicating the FIN number (if available) for international applicants.
 - For an international applicant, you must include the Student's Pass application form. Your Student's Pass application is subjected to Singapore Immigration & Checkpoints Authority's approval

All applications must be addressed to:

Admissions Department
Singapore Institute of Management Pte Ltd
SIM Headquarters
461 Clementi Road
Singapore 599491

All documents (notarised and translated to English) submitted to SIM will NOT be returned. Photocopies of the documents (notarised and translated to English) are to be prepared before submission to SIM.

Application Fees and Payment

An application fee is payable for each application form that is submitted. This fee (inclusive of 7% GST) is non-refundable and non-transferable. The fee will be refunded fully only if the intake does not commence.

| | Hard copy application |
|--------------------------|-----------------------|
| Local applicants | S\$85.60 |
| International applicants | S\$267.50* |

* This does not include all fees related to Student's Pass application

Application fees can be paid at the Payment Counters located at Student Recruitment & Payment Office at SIM HQ or via cheques/bank drafts. Cheques/bank drafts should be crossed and made payable to **"Singapore Institute of Management Pte Ltd"** with your name, personal identification or passport number and programme title indicated on the back of the cheque. Post-dated cheques will not be accepted.

Application Outcome

All applicants will be informed of their application outcome in writing at least one month before course commencement. Verbal offers of admission will not be made nor accepted. The Admissions Committee selects students for admission into the programme based on individual merits. Possession of one or more of the qualifications listed does not guarantee automatic entry to the programme.

SIM and our university partners reserve the right to withdraw an offer of admission and cancel the enrolment of any person where such an offer was made on the basis of incomplete or inaccurate information supplied by the applicant or a certifying authority.

Acceptance

To confirm the acceptance of offer, successful applicants will have to adhere to the following before the stipulated deadline:

- Submit a copy of the duly completed and signed Form 12 in accordance to the Private Education Act
- Submit a copy of duly completed and signed PEI-student contract
- Submit all other required documents to SIM
- Make payment to SIM

Fee Payment

Payment to Singapore Institute of Management Pte Ltd

The modes of payment available are cash, cheque, Nets, cash card, Visa/MasterCard and/or Cashier/Money/Postal order. We accept up to four different modes of payment combination. All payments are to be in Singapore dollars.

For cheque payment, the cheque must be crossed, and made payable to **"Singapore Institute of Management Pte Ltd"**. It should not be post-dated.

For Nets payment, the daily limit is S\$2,000 or S\$3,000, depending on the bank and your personal limit.

For credit card payment, the limit is subjected to your available balance at the point of payment. We accept Visa and MasterCard only.

Private Education Act

Under the new Private Education Act, legislated in December 2009, a Council for Private Education (CPE) was set up to regulate the private education industry in Singapore. All Private Education Institutions (PEIs) are required to comply with the regulations under the Act in order to continue operations.

Following are the requirements which Singapore Institute of Management Pte Ltd (SIM PL) has put in place:-

PEI-Student Contract

CPE, in aiming to enhance the confidence of students and their parents in the quality of education in Singapore, has stipulated that all PEIs must sign a PEI-Student Contract with students. The contract sets out the terms and conditions governing the relationship between the student and PEI. SIM PL will honour all terms and conditions in the contract and in all communication materials.

Students may request for a copy of the PEI-Student Contract from SIM PL or view it on the CPE website (www.cpe.gov.sg).

Cooling-Off Period

There will be a cooling-off period of 7 working days after signing the PEI-Student Contract. Students have the right to cancel the contract within the 7 working days and be entitled to the Maximum Refund amount stipulated under Clause 2.4 of the PEI-Student Contract (less any course fees consumed by the Student if the withdrawal date is later than the course commencement date). After the cooling-off period, SIM PL's refund policy will apply.

Fee Protection Scheme

SIM PL adopts a Fee Protection Scheme (FPS) to protect the paid fees of both local and international students. The FPS serves to protect the student's fees in the event that the PEI is unable to continue operations due to insolvency, and/or regulatory closure. In addition, the FPS protects the student if the PEI fails to pay penalties or return fees to the student arising from judgments made against it by the Singapore courts.

The FPS is compulsory for all students and is available in 2 forms, either Escrow or Insurance Protection Scheme. For more information, visit www1.simge.edu.sg/edustrust.

SIM PL has appointed Lonpac Insurance Bhd as the FPS insurance provider. Under the FPS insurance scheme, students' fees are insured by Lonpac Insurance Bhd. In case of events, as stated above, students will be able to claim their paid fees from Lonpac Insurance Bhd.

SIM PL has also appointed Hong Kong and Shanghai Banking Corporation Limited (HSBC) as the FPS escrow provider. Under the FPS escrow scheme, students will pay their fees directly to HSBC. HSBC will act as the custodian of students' fees and will only disburse the fees to SIM PL on a fixed schedule. Again, in case of events as stated above, students will be able to retrieve their unconsumed fees from HSBC.

More details of the FPS can also be found in the FPS Instruction Manual, available at www.cpe.gov.sg

Medical Insurance

SIM PL has in place a group medical insurance scheme for all its students. This medical insurance scheme will have a minimum coverage as follows:- an annual coverage limit of S\$20,000 per student, covers up to B2 ward in government

and restructured hospitals and provides for 24 hours coverage in Singapore and overseas (if student is involved in SIM PL-related activities) throughout the course duration.

For more information on medical insurance, visit www1.simge.edu.sg/medicalinsurance

Refund Policy – Withdrawal and Change of Course

| Percentage of aggregate amount of the course fees and miscellaneous fees paid | Receipt of original fully completed hardcopy Student Request Form with relevant supporting documentary proof |
|---|--|
| 95% Refund | ▪ (“Maximum Refund”) More than 14 days before the course commencement date |
| 75% Refund | ▪ Within 14 days before the course commencement date OR within 7 days after the course commencement date |
| No refund | ▪ More than 7 days after the course commencement date |

Notes:

1. Application fee for courses is non-refundable and non-transferable.
2. All requests for refunds arising from withdrawal and change of course must be accompanied with an original fully completed hardcopy **Student Request Form** (downloadable from the SIM GE website and the Students' Portal) with relevant supporting documentary proof.
3. Refunds (if any) will be processed within 7 working days of receipt of the original fully completed hardcopy Student Request Form with relevant supporting documentary proof. Forms that are received after 12.00 noon would be considered as submission on the next working day.
4. Approval for change of course will be granted on a case-by-case basis and subject to each individual meeting the course admission requirements.
5. Transferring to another institution is deemed as a withdrawal from SIM PL. As such, for international students who transfer to another institution, their International Student's Pass will be cancelled. These students will have to submit their Passport and International Student's Pass at the Student Services Centre (SIM HQ Extension) within 3 working days of the transfer. Attendance record and other relevant documentation to facilitate the transfer will be provided upon request.
6. International students who wish to change to another course offered by SIM will also need to submit their Student's Pass application to Immigration and Checkpoints Authority of Singapore (ICA) for approval.
7. For new applicants, in the event that the Student's Pass application is not approved by ICA, the applicant will receive a full refund of the course fee.
8. Course fees must be paid in full before the course commencement date.

Confidentiality

SIM PL is committed to maintaining the confidentiality of the student's personal information and undertakes not to divulge any of the student's personal information to any third party without the prior written consent of the student SUBJECT TO the obligation of SIM PL to disclose to any Singapore government authority any information relating to the student in compliance with the law and/or to the organisation conferring/awarding the qualification.

VIBES — WHY STUDY AT SIM GLOBAL EDUCATION

SIM Campus Development Master Plan (Artist Impression)



VIBES@SIM — The promise of a holistic learning experience that ensures success

At SIM GE, we know that it takes more than classroom excellence to inspire our students to succeed. Our approach towards an all-rounded and holistic education experience is captured in **VIBES@SIM**.

Vibrancy of Student Life

Brace yourself for an exciting campus life beyond the classroom. With round-the-year student activities from more than 70 student clubs, SIM offers you ample opportunities to pursue your extra-curricular interests in arts, culture, and sports and develop personal skills in communication and leadership. At the same time, we help you to build community bonds and networks that will benefit you later in life.

Infrastructure + Technology

SIM GE ensures that the student-centric campuses are outfitted with the latest in technology and facilities to enhance your learning experience. SIM campuses are enabled with high-speed wireless Internet access and the latest in technology connecting you to a wealth of information and online services.

SIM HQ at Clementi

The SIM Headquarters along Clementi Road is SIM's main and largest campus. To cater to our fast-growing student population, SIM has embarked on a \$300 million Campus Development Master Plan to more than double our main campus over two phases to be completed in 2014. Current facilities include over 130 lecture theatres, tutorial and seminar rooms, as well as computer laboratories, a multi-purpose hall seating 1,600, a student lounge, study spaces with open courtyard, a student hub with cyber stations and a management library. The main campus currently houses the Tay Eng Soon Library, Singapore's largest and most comprehensive management library.

SIM Global Education Campus

The SIM Global Education Campus is a comprehensive lifestyle campus combining residential, sporting and recreational

facilities for both local and foreign students. The 4.5 hectare hostel provides accommodation for up to 428 students and has tennis and futsal courts, gym, outdoor yoga pad and fitness area, as well as a student's lounge and dance studio. Themed short-stay studio apartments are also available for parents.

Blend of Culture

With a blend of 40 nationalities from across the globe, SIM GE's remarkable global mix of cultural diversities continues to grow. Providing an excellent platform for cultural exchange and knowledge sharing, a diverse student population is your gateway to understanding how the world thinks and relates. Experience a world-class education and a global mindset in a location that is the epicentre of buzzing Asia.

Education Options

SIM GE offers over 50 full-time and part-time academic programmes through more than 10 partner universities at master's, bachelor's, graduate diploma and diploma levels – in areas such as applied science, arts, business, communication, design, finance, information technology, hospitality, management, nursing, social sciences and more.

Stability

A 48-year-old heritage... over 115,000-strong alumni... student enrolment of over 33,500 and more than 1,600 top-notch faculty, the SIM Group is the premier organisation for higher education and lifelong learning in Singapore and the region.

Committed to the welfare of every student, SIM GE extends support to all its students, from financial assistance schemes to counselling services and structured processes for grievance resolution. SIM GE also provides a 24-hour medical insurance coverage for all its students both in Singapore, and overseas (if students are involved in SIM-related activities) throughout the course duration.

Information on student support services is available at www1.simge.edu.sg/support

Singapore Institute of Management Pte Ltd

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Singapore 599491

Tel: +65 6248 9746

Fax: +65 6462 9411

Email: study@sim.edu.sg

www.simge.edu.sg

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*This brochure contains key information, accurate as at time of print on 10 September 2012.
For the most updated and complete programme information, refer to our website at www.simge.edu.sg
SIM, The University of Warwick and SIMTech reserve the right to change the information, including fees, herein at any time.*

Members of The SIM Group



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