SUTD-SMU Dual Degree Programme in Technology and Management

25 February 2014
Background

• 17 Oct 2011, SMU and SUTD signed an MOU to provide a framework of cooperation in areas of mutual interest, including course development, collaborative teaching and research and student exchange

• Under the MOU, 5 elective courses will be developed by SMU and delivered in SUTD.

• Furthermore, high-achieving SUTD students will qualify for advanced placement in SMU’s Master of Science in Management and Master of Science in Innovation Programme.
Dual Degree Programme

• Building on these collaborations, SUTD and SMU will offer an undergraduate SUTD-SMU Dual Degree Programme (DDP) in Technology and Management starting academic year 2014.

• Students will pursue an engineering degree from SUTD and a business management degree from SMU for an interdisciplinary learning experience.

• Students graduate with **two degrees:**
  – Bachelor of Engineering from SUTD
  – Bachelor of Business Management from SMU
SUTD and SMU similar in many ways

• Modelled after American schools, but adapted for Singapore.
• Share same spirit of innovation and entrepreneurship.
• Inculcate multi-disciplinary approach to solving problems.
• Expose students to real world through “outside-the-classroom” learning.
SUTD and SMU similar in many ways

• Compulsory internship and community service requirements.
• International exposure through exchanges, study missions, internships, competitions, etc.
• Apply multi-modal assessment methods comprising written exams, project work, assignments.

=> Both universities are aligned in pedagogical approach.
Value Proposition

• This four-year programme will produce graduates who are highly effective in an increasingly complex globalised world, and who will be technology and management-savvy leaders, innovators and entrepreneurs, equipped with skills from crafting a design to strategising for success.

• ‘Design’ is integrated into the curriculum, a differentiating feature from other dual degrees in Singapore and the region.

• An iconic programme that will attract scholars who wish to pursue careers that leverage a broad-based education experience integrating technology, design and business.
Programme structure

• Duration: 11 terms over 4 years + 1 internship, in both SUTD and SMU campuses, allowing students to interact more widely and belong to both communities.

• Students must fulfil the credit requirements of both degree programmes. They will complete between 50 – 53 courses, including up to six co-developed courses by SMU and SUTD, based on the pillar (specialisation):
  - Engineering Product Development
  - Engineering Systems and Design
  - Information Systems Technology and Design

• Students take SUTD and SMU courses throughout the academic years at both campuses – an integrated, interdisciplinary and multi-cultural learning experience.

• Rigorous curriculum that combines the best of both universities.
# Academic Calendar (11 terms)

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IAP – Independent Activity Period
OR – Orientation
BK - Break
Note: SMU/SUTD Mutually Recognised Credits are spread out and taught over the 4 years
*Information is subject to change
Programme structure

Students will:
• Stay at SUTD hostel in first three terms (equivalent to one year period).

• Acquire business and engineering knowledge before going on an internship.

• Fulfil non-academic requirements such as SUTD’s UPOP* and SMU’s Finishing Touch – career preparation programmes.

• Complete a seamless three-term capstone (involving SUTD and SMU) with emphasis on technology and business.

*UPOP: Undergraduate Practice Opportunity Programme
Unique features

- Compulsory internship that is meaningful: 16 weeks
- Compulsory community service: 80 hours
- Opportunity to participate in overseas exchange with SUTD
- Other overseas opportunities include community service, competitions and learning trips
Intake & Scholarship

• Inaugural intake: Up to 45 Singaporean students.

• Scholarship for deserving Singaporean students, covering full tuition fees and allowance for the following:
  - Overseas internship
  - Overseas community service/competition/study trip
  - Laptop
  - Books
  - Stipend
Career Prospects

• Students will enjoy the career services and advice of both universities.

• Mr Loh Chin Hua, CEO of Keppel Corporation, said: “The Dual Degree Programme offers a unique blend of technical knowledge and management rigour, which will give graduates entering the workforce the added advantage of multidisciplinary perspectives and competencies. Keppel, as a conglomerate with leading businesses globally, welcomes the introduction of the Programme as it can potentially produce a pipeline of well-rounded talents for our offshore & marine, property, as well as infrastructure businesses.”

• Ms Low Sin Leng, Senior Advisor for Sembcorp Development, said: "I expect students graduating from this dual degree programme, which offers a powerful combination: Technology and Design excellence coupled with Business management, will be well sought after by global and local companies with engineering and innovation focus."
Who should apply

• High achievers desiring a unique and rewarding programme.

• Highly motivated students from JCs, Polytechnics, IBs and NUS High School.

• Open to applicants with a genuine interest in technology and business. Applicants must have outstanding academic results and demonstrate strong communication skills and leadership potential.

• Shortlisted applicants will be interviewed by a joint committee comprising faculty from SUTD and SMU.
Admission information

• Applicants apply directly to SUTD. The short-listing and selection process will be managed jointly by SUTD and SMU.

• Application date: Now open
• Closing date: 1 April 2014

• Information Sessions:
  – 1 & 2 Mar 2014, 12noon, SMU Open House
  – 8 & 9 Mar 2014, 12noon, SUTD Open House

• Website: www.sutd.edu.sg
• Enquiries: admissions@sutd.edu.sg
SUTD-SMU Dual Degree Programme in Technology and Management

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