BSc (ISM) Programme Student Handbook

(For students admitted from AY2011-12 and onwards)

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OVERVIEW

The SMU School of Information Systems (SIS) undergraduate curriculum leads to the award of the degree of Bachelor of Science in Information Systems Management. SIS was created to extend SMU's mission into the realm of business-focused information technology.

SMU MISSION

- To produce broad-based, creative and entrepreneurial leaders for the knowledge-based economy
- To generate leading edge research with global impact
- Commitment to an interactive, participative and technologically-enabled learning experience

DISTINCTIVE FEATURES OF SIS

- A focus on business process innovation and transformation through the architecture, design and delivery of enterprise information systems
- Integration of business and technology analysis in a sector context
- New learning models
- A learning contract with key stakeholders (students, faculty, external partners)
- Research that links theory and practical impact
- A strategic partnership with Carnegie Mellon University in education and research

LEARNING AND SKILL OUTCOMES FOR SIS STUDENTS

The SIS undergraduate programme emphasizes on the following skills:

- Integration of business & technology in a sector context
- IT architecture, design and development skills
- Project management skills
- Learning-to-learn skills
- Collaboration (or teams) skills
- Change management skills for enterprise systems
- Skills for working across countries, cultures and borders
- Communication skills

At the same time, the curriculum offers a broad-based and liberal education that provides student with a broader perspective of the work environment and the world at large. In order to accomplish this objective, the curriculum is structured into 4 sections:

	Course Units	Period of Study
Information Systems		
Foundations	5*	Year 1 to 2
Advanced Topics	6	Year 2 to 3
IS Project	1	Year 3 to 4
IS Depth Elective	4	Year 3 to 4
Core Courses		
SMU Foundation Courses	3**	Year 1 only
SMU University Core	6	Year 1 to 4
Business Oriented Electives		
Compulsory	2	Year 1 to 3
Electives	4	Year 2 to 4
University Electives		
General Education (GE)	3***	Year 1 to 4
Global & Regional Studies (GRS)	2	Year 1 to 4
Internship Programme		Year 1 to 4
Community Service		Year 1 to 4
Total Required	**36**	

** Students with prior background may apply to sit in for waiver tests for some modules to qualify for exemptions*

*** Up to three courses may be exempted for individuals with prior background. Academic Writing Course is applicable for students admitted in AY2008-09 and onwards.*

**** Up to 2 courses may be exempted for individuals with prior background. Students need to complete a compulsory GE – Computational Thinking.*

The curriculum consists of 36 course units and a 12-week internship programme (10 weeks business attachment and 2 weeks community service). All areas of the curricular requirements are pursued simultaneously throughout the 4 years.

ACADEMIC INTEGRITY

All acts of academic dishonesty (including, but not limited to, plagiarism, cheating, fabrication, facilitation of acts of academic dishonesty by others, unauthorized possession of exam questions, or tampering with the academic work of other students) are serious offences.

All work (whether oral or written) submitted for purposes of assessment must be the student's own work. Penalties for violation of the policy range from zero marks for the component assessment to expulsion, depending on the nature of the offense.

When in doubt, students should consult the instructors of the course. Details on the SMU Code of Academic Integrity may be accessed at http://www.smuscd.org/resources.html.

CURRICULUM

INFORMATION SYSTEMS – 16 COURSES

Foundations

1 Seminar on IS Management
2 IS Software Foundations
3 Object Oriented Application Development
4 Data Management
5 Software Engineering

Advanced Topics

1 Enterprise Integration
2 Information Security and Trust
3 Architectural Analysis
4 Process Modelling & Solutions Blueprinting
5 Enterprise Web Solutions
6 Usability Engineering

IS Project and Electives

1 IS Application Project
2 IS Depth Elective 1 (Any IS Technology Depth Elective)
3 IS Depth Elective 2 (Any IS Technology Depth Elective)
4 IS Depth Elective 3 (Any IS Technology or IS Management Depth Elective)
5 IS Depth Elective 4 (Any IS Technology or IS Management Depth Elective)

See list of IS Depth Electives at http://www.sis.smu.edu.sg/programme/BSc/electives.asp

The application project and electives enable the SMU Information Systems Management students to develop the additional depth and experience required to become Business IT professionals. The students can use the project and electives to realize their own version of our "3 Pillars Strategy" by using these courses to concentrate on how to apply IT solutions to problems within a particular industry sector (e.g. financial services, logistics & supply chain, or healthcare services) or to one of the functional areas of business (e.g. accounting, economics, finance, marketing, operations). The students can also use the project and electives to build up competence in one of our five recommended Business IT professional tracks options: 1) business intelligence and analytics, 2) banking processes and technology, 3) enterprise and systems solutions, 4) service systems and solutions and 5) technopreneurship.

Projects provide students with practical experience to define, design and deploy business solutions. Students apply their knowledge and skills to effectively participate in a team effort to complete a challenging focused IS project such as:

1) **Application development/build** – We expect most students to build something – a working system, prototype or proof of concept. Develop a new application or build upon/integrate existing applications into a new system. The focus here is experience in the life cycle of a system from concept through delivery. They will deliver a working, even if small, system.

2) **Technology demo and evaluation** – Create a demonstration comparing and evaluating the capabilities of similar or competing technologies addressing a business-IT problem. The focus here is a deep understanding and benchmarking of existing technology or applications.

3) **Faculty-directed research** – Students may carry out their projects with a research faculty member. The expected project deliverable could be a survey of the state-of-the-art in a selected research area, or novel solutions and techniques targeted at the academic community. The research interests of SIS faculty members can be found here.

Electives provide students with the opportunity to explore a topic of interest in greater depth. The list of SIS undergraduate electives is shown here.

Advanced electives in the areas of computer science, information technology, information systems or e-commerce taken during an International Exchange can often be approved for use as an IS depth elective. Students should check with the SIS Dean's Office to see if the electives they are considering to take while overseas can be used to fulfill one or both of the depth elective requirements.

In selected cases, electives offered by the other five schools at SMU can be taken as BSc (ISM) management depth electives. For example, the Lee Kong Chian School of Business offers courses on Marketing Information Systems and Development of the Video Game and Entertainment Industries; the School of Accountancy offers a course on Accounting Information Systems; the School of Law offers Intellectual Property Rights, IT and the Law, Trade Secrets and Privacy; the School of Economics offers Applied Regression Methods, and Probability Theory and Applications; and the School of Social Sciences offers Social Networks. SIS students must meet the pre-requisites for these courses specified by the respective schools. Also, there might be availability restrictions that apply for enrolling in these specialised electives.

SMU FOUNDATION REQUIREMENT – 3 COURSES

1 Calculus
2 Introductory Economics
3 Academic Writing Course*

* Academic Writing Course is applicable to intakes from AY2008-09 and onwards.

UNIVERSITY CORE REQUIREMENT – 6 COURSES

1 Analytical Skills & Creative Thinking
2 Business, Government & Society
3 Management Communication
4 Ethics & Social Responsibility
5 Leadership & Team Building
6 Technology & World Change

QUANTITATIVE THINKING FOUNDATIONS – 2 COURSES*

Compulsory Courses

1 Computer as an Analysis Tool
2 Introductory Statistics or Introduction to Statistical Theory
* Computational Thinking (counted as General Education elective)

BUSINESS ORIENTED ELECTIVES – 4 COURSES

Electives

The four electives will broaden and deepen students' understanding of business fundamentals. Students will choose from the list of second major courses but excluding IS technology depth electives under the Advanced Business Technology.

UNIVERSITY ELECTIVES – GENERAL EDUCATION REQUIREMENT – 3 COURSES

Compulsory

Computational Thinking

You need to choose 2 other courses from either Arts or Science.
Note: This list is not exhaustive and is subject to changes. Please refer to OASIS for more GE courses.

Arts

1 Singapore Society
2 Art: East and West
3 History of South East Asia
4 Living Better: Literature and Technology
5 Logic and Reasoning
6 Music: East and West
7 Theatre
8 Understanding Societies

Science

1 Biological Models for Business Applications
2 Environmental Science
3 From Gene to Final Product – An Introduction to Life Sciences
4 Introduction to Physical Science
5 Introduction to Psychology
6 Physics for Managers
7 Science Exploration and Society
8 Social Psychology

UNIVERSITY ELECTIVES – GLOBAL & REGIONAL STUDIES REQUIREMENT – 2 COURSES

You need to choose any 2 from the following:
Note: This list is not exhaustive and is subject to changes. Please refer to OASIS for more GRS courses.

1. *Doing Business in China: Communication and Business Approaches*
2. *Economic Development in Asia*
3. *Global Financial Risk Management*
4. *International Business*

5. *Intellectual Property Rights*
6. *Law & International Business*
7. *Business Study Mission/Country Studies*
8. *Tax Planning*

FINISHING TOUCH PROGRAMME

With effect from Academic Year 2011-12 onwards, all new students will be required to enroll in the "Finishing Touch" under a revamped programme offered by the Office of Career Services (OCS). This will be a series of required Career Preparation & Enrichment workshops as part of the fulfillment of their graduation requirements. More information on this will be furnished as soon as it is available.

INTERNSHIP PROGRAMME

The Internship Programme consists of a 10-week attachment in a business or corporate or public sector organisation and a 2-week attachment at a Voluntary Welfare Organisation (VWO). As the details of the organisations and the time spent in each organisation will be reflected in the transcript, students must ensure that they have fulfilled the full 12 weeks before graduation. **(NOTE: SIS students are not granted internship exemptions.)**

10-Week Attachment

Students can start their internship anytime after completing two full terms of coursework. However, it must be carried out on a full-time basis. As part of the training, students could either source for their own internship(s), or explore opportunities posted via OnTRAC, a 24/7/365 web-based portal. Where internship(s) are self-sourced, students must submit a proposal via OnTRAC II for the Office of Career Services' (OCS) approval prior to beginning the stint. At the end of the internship, the student must submit a report within one month from the last day of the stint. A performance appraisal will also be required of the Supervisor / Reporting Office, under whose supervision the student completed the stint.

*To meet the SIS internship requirement, the internship must be IS related and be of a minimum 10-weeks (**continuous**) duration.*

Internship Poster

As part of the internship requirement, students are required to submit an A3 sized poster (in .zip file and should not exceed 4 MB) which will showcase their experiences during the internship programme. You **MUST** submit this via ***OASIS*** > ***Career and Jobs*** >> ***Participation and Grading*** or your internship will not be graded.

Guidelines and information to include in the poster:
- Company and nature of the internship
- Most challenging aspect of the internship
- Please be careful with sensitive information
- The overall presentation of the exhibits should be cleared by the internship companies.

Detailed information about the poster is found at **OASIS > Resources > SIS Resources > *Internship Posters Guidelines*.**

Note: Students in the same internship company but doing different job roles must do different posters. For a group of students in the same internship company doing the same project, you may submit a single poster (but the quality of the poster done jointly should be excellent).

2-Week (80-hour) Attachment at a Voluntary Welfare Organisation (VWO)

Students can start the VWO attachment anytime after completing two terms during the course of study. Students can opt to be attached to more than one VWO, but not more than 3. Students must put in 80 hours of work in total to be counted as fulfilling the requirement. Students must submit an overall written report through SMU OnTRAC II after having completed the full 80-hour attachment. VWOs providing the attachment will be required to do a performance appraisal for the students.

SECOND MAJORS

All SIS students are strongly encouraged to pursue a second major either with SIS or in a non-IS concentration in one of the other schools of SMU.

Offered by Lee Kong Chian School of Business

- Corporate Communications
- Finance – with tracks in (1) Wealth Management, (2) International Trading, (3) Investment Banking and (4) Financial Risk Analysis
- Management – with track in Entrepreneurship
- Marketing
- Operations Management
- Organisational Behaviour & Human Resources
- Quantitative Finance

Offered by School of Accountancy

- Accounting

Offered by School of Economics

- Actuarial Science – with tracks in (1) Actuarial Analyst and (2) Risk Analyst
- Applied Statistics
- Economics – with track in Quantitative Economics

Offered by School of Information Systems

- Advanced Business Technology without track
- Advanced Business Technology with tracks in
  - *Business Intelligence & Analytics*
  - *Banking Processes & Technology*
  - *Enterprise Systems & Solutions*
  - *Service Systems & Solutions*
  - *Technopreneurship Track*
- Information Systems Management

Offered by School of Law

- Law

Offered by School of Social Sciences

- Political Science*
- Psychology*
- Sociology*

**with tracks in (1) Public Policy, Development & Management (PDM) and (2) Culture, Organisations & Behaviour (COB)*

All students MUST declare their First as well as Second Major (if any) within their first four (4) regular terms of study (inclusive of term on leave of absence and/or international exchange) via ***OASIS > Study >> Enrolments & Withdrawals***.

For details on the second major requirements, please refer to ***OASIS > Study >> Advisement and Curriculum***. Alternatively, please refer to our wiki for useful FAQs and curriculum planning templates to assist in planning for academic progression:
https://wiki.smu.edu.sg/sis/Second_Major

TRACKS IN THE INFORMATION SYSTEMS PROGRAMME

Business Intelligence & Analytics Track

The Business Intelligence & Analytics (BIA) is a track under the Advanced Business Technology second major.

Today's business organizations produce gigantic amount of data. These data come from multiple sources such as databases, key performance indicators, e-mails, documents, web information, etc.

How do business managers make sense of the flood of these various types of data and information? How do they transform these information inputs into intelligence that support better decision making?

In this track, you will learn and experience the concepts, technologies and applications that are used to gather and analyze data and information with respect to enterprise operations. This helps the enterprise to have a more comprehensive knowledge of the various factors that affect its business such as metrics on sales, business processes, etc., and thus make informed decisions.

All BSc (ISM) students who declared Advanced Business Technology as a second major are eligible to be awarded with Business Intelligence & Analytics Track upon graduation if they declared this track and fulfilled the requirements.

It is highly recommended that students doing the Business Intelligence & Analytics Track have a good background in statistics. For example, students may do the statistics courses as part of IS Management Depth Electives.

To fulfil the BIA track, students need to complete the following courses:

- Computer as an Analysis Tool
- 5 compulsory IS Technology Depth Electives:
    - Advanced Data Management
    - Data Mining and Business Analytics
    - Data Warehousing and Business Analytics
    - Geospatial Analytics for Business Intelligence
    - Search Engine Technologies
- 1 compulsory IS Management Depth Elective:
    - Visual Analytics for Business Intelligence
- Any 1 IS Technology or IS Management Depth Elective

The list of ISMDE and ISTDE courses can be found from
http://www.sis.smu.edu.sg/programme/BSc/electives.asp

Note:
Students with special interest in data mining and the use of statistical methods for business intelligence are strongly encouraged to take these two statistics courses offered by the School of Economics

- Applied Statistical Methods
- Probability Theory and Applications

These 2 courses can be counted towards your Business Oriented Electives **OR** towards your IS Management Depth Electives.

SIS Faculty Advisor for Business Intelligence & Analytics Track: KAM Tin Seong

Banking Processes & Technology Track

The Financial Services Industry is among the early adopters of IT, achieving cost efficiencies and increased revenues through new opportunities enabled by IT. The Banking Processes & Technology (BPT) is a track under the Advanced Business Technology second major. This track enables students to appreciate how IT is effectively used to support the banking and financial markets industry.

In this track, students will learn about banking environment and architecture. It provides an understanding of the various IT solutions to support banking products and processes spanning the front to back office.

All BSc (ISM) students who declared Advanced Business Technology as a second major are eligible to be awarded with Banking Processes & Technology Track upon graduation if they declared this track and fulfilled the requirements.

To fulfil the BPT track, students need to complete the following courses:

- Computer as an Analysis Tool
- 5 IS Technology Depth Electives, 2 of which must be from the following:
    - Retail Banking Processes and Technology
    - Financial Markets Processes and Technology
- Any 1 IS Management Depth Elective
- Any 1 IS Technology or IS Management Depth Elective

The list of ISMDE and ISTDE courses can be found from
http://www.sis.smu.edu.sg/programme/BSc/electives.asp

Note:
Students with special interest in banking processes, operations and technology solutions are strongly encouraged take some of the courses in finance that are offered by the Lee Kong Chian School of Business. These courses can be counted towards their Business Oriented Electives.

SIS Faculty Advisor for Banking Processes and Technology Track: TBA

Enterprise Systems & Solutions Track

Enterprise Systems & Solutions (ESS) is a track under the Advanced Business Technology second major.

Enterprise systems support core business processes of firms such as financial accounting and control, procurement, fulfilment, production planning, supply chain, customer relationship management, and human capital management. Traditionally, organizations used one or more stand alone packaged applications or home-grown "spaghetti systems" to support these processes. However, more recently, organizations are developing innovative solutions by adapting these core processes to make them more flexible and be agile. Organizations are composing processes on the "fly" by reusing parts of the existing core internal processes and external processes. Additionally, organizations are leveraging the cloud computing paradigm to move applications to the "cloud" and thus reduce infrastructure resources and enhance agility in meeting the demands of the business.

The enterprise systems and solutions (ESS) track focuses on getting students hands-on experience in using enterprise systems and composing business solutions, and leveraging the cloud computing solutions to enhance business value.

All BSc (ISM) students who declared Advanced Business Technology as a second major are eligible to be awarded with Enterprise Systems & Solutions Track upon graduation if they declared this track and fulfilled the requirements.

To fulfil the ESS track, students need to complete the following courses:

- Computer as an Analysis Tool
- 5 IS Technology Depth Electives, 2 of which must be from the following:
    - Enterprise Business Solutions
    - Cloud Computing and SaaS Solutions
- Any 1 of the following IS Management Depth Elective
    - Supply Chain Processes and Technology
    - Enterprise Information Systems
- Any 1 IS Technology or IS Management Depth Elective

The list of ISMDE and ISTDE courses can be found from
http://www.sis.smu.edu.sg/programme/BSc/electives.asp

SIS Faculty Advisor for the Enterprise Systems & Solutions Track: Venky SHANKARARAMAN

Service Systems & Solutions Track

Service Systems & Solutions (SSS) is a track under the Advanced Business Technology second major.

Businesses today are increasingly service-oriented. Industry needs professionals who are equipped with integrative multi-disciplinary skills to view services from multiple perspectives and tackle complex problems arising from the challenge to deliver high-value quality services.

This track brings together concepts in analytics, computation and information systems to deliver service-oriented processes and solutions that impact the service economy. We aim to develop IT professionals who can design, execute, analyse and evolve service innovations in major sectors of the service economy. More specifically, you will understand business strategies and operations from the perspective of service flows and eco-systems, and apply cutting-edge decision technologies (methods and tools) that will be incorporated as essential logic in software applications.

All BSc (ISM) students who declared Advanced Business Technology as a second major are eligible to be awarded with Service Systems & Solutions Track upon graduation if they declared this track and fulfilled the requirements.

It is highly recommended that students doing this track have a good background in mathematics. Students are encouraged to take courses in Operations Management offered by the Lee Kong Chian School of Business. These courses can be counted towards the Business Oriented Electives.

To fulfil the SSS track, students need to complete the following courses:

- Computer as an Analysis Tool
- 5 IS Technology Depth Electives, 2 of which must be from the following:
    - Enterprise Adaptive Decision Support
    - Intelligent Business Gaming
- Any 1 IS Management Depth Elective
- Any 1 IS Technology or IS Management Depth Elective

The list of ISMDE and ISTDE courses can be found from
http://www.sis.smu.edu.sg/programme/BSc/electives.asp

Note:
IS Management Depth Electives that are strongly aligned with the Service Systems and Solutions Track are:

- Supply Chain Processes and Technology Solutions
- Enterprise Information Systems

Students with special interest in service systems and solutions are strongly encouraged to take some of the Operations Management courses offered by the Lee Kong Chian School of Business. These courses can be counted towards your Business Oriented Electives.

SIS Faculty Advisor for the Service Systems & Solutions Track: MA Nang Laik

Technopreneurship Track

Technopreneurship is a track under the Advanced Business Technology second major.

This track will equip students who are interested in technology-based entrepreneurship with the skills to start technology-based, business innovation-centered companies. These skills include:

- Business innovation methodologies
- Identifying technology based business innovations for global markets
- Building new businesses that are technology based
- Understanding the use of external resources in building a business innovation.
- Planning the growth of the business.

The track will provide students with an opportunity to develop their own technology-based business innovation.

This track will prepare SIS students and "IS second major" students from other schools interested in pursuing a technology-based business innovation leading to technology-based entrepreneurship career path. The track emphasizes immersive experiences such as a Technopreneurship Study Mission, a related internship, and requires students to identify and develop their own technology-based business innovation. The track is offered in collaboration with the SMU Institute of Innovation and Entrepreneurship (IIE). For suitable projects, IIE shall be able to help students start a company based on their innovations and raise funds from government agencies such as SPRING or from private sources.

All students who declared Advanced Business Technology as a second major are eligible to be awarded with Technopreneurship Track upon graduation if they declared this track and fulfilled the requirements.

To fulfil the Technopreneurship Track, students need to complete the following courses:

- Computer as an Analysis Tool
- Any 5 IS Technology Depth Electives

- 3 compulsory IS Management Depth Electives
  - IT and Business Innovation
  - Technopreneurship
  - Technopreneurship Study Mission

The list of ISTDE courses can be found from
http://www.sis.smu.edu.sg/programme/BSc/electives.asp

Students doing the Technopreneurship Track should additionally satisfy the following:

- Do a related internship in the area of Technopreneurship
- Work on their proof of concept for the IS480 project

Faculty Advisor for Technopreneurship Track: Arcot Desai NARASIMHALU

Notes: Technopreneurship Study Mission's requirements for students

All students are required to follow the rules and regulations when enrolling in Technopreneurship Study Mission (and other BSM courses) in SMU.

1. Freshmen are not allowed to enrol in Technopreneurship Study Mission.
2. Students who are undertaking a Technopreneurship Study Mission in regular Term 2 should not enrol for Term 3A (or 3B) courses, if the trip overlaps with Term 3A (or 3B). Term 3 courses are conducted on a very intensive basis and therefore, it is critical for students to attend every single class. Students who choose to enrol for classes, knowing full well that they will miss classes will NOT be granted any special exemptions or excuse for the missed classes. They will be liable for any grade penalty imposed on missed classes. The instructor is also not obliged to entertain requests for consultation, or coaching for such missed lessons, or make-up for any missed assignments/assessments.
3. Students who have filed for graduation must not sign up for Technopreneurship Study Mission in subsequent terms, even if the intention is to take it for audit. The university is unable to reverse your graduation filing record, as it will have downstream impacts on resource planning and statutory reporting. Once graduation has been filed, no further enrollments will be recorded.
4. Students who are in their final term of course work are strongly advised against enrolling in Technopreneurship Study Mission, as the TSM grade will not be available by the official grade release date. Therefore, students who choose to do so will miss the graduation cut-off date and will have to delay their graduation by a term. The university cannot wait for your grade and delay everyone else's graduation.

DOUBLE DEGREE PROGRAMME

The double degree programme gives students an invaluable edge in the global economy and an unrivalled versatility and flexibility in career options. Under the double degree programme, a student can graduate in four years with two degree in:

- Information Systems Management & Business Management
- Information Systems Management & Accountancy
- Information Systems Management & Economics
- Information Systems Management & Social Sciences

Students may apply for a double degree programme only at the end of year 1 or year 2 (after release of examination results), before the start of the first term of the next academic year. Please refer to ***OASIS*** > ***Study*** > ***Academic Calendar*** >> ***Critical Dates*** for the application period. For information on the criteria for applying for a double degree programme as well as the related policies, please refer to ***OASIS*** > ***Study*** > ***Regulations & Policies*** > ***SMU Undergraduate Regulations & Procedures*** >> ***Double Degree Programme***. Note: Applications will be subjected to the Deans' approval. Being eligible to apply does not mean that your application will be approved.

To graduate with a double degree in the following combinations, the student must complete all the requirements of both degrees:

DOUBLE DEGREE	REMARKS	NOS.
BSc (ISM) & BBM	**Students admitted in AY2011-12 onwards** • All courses listed under the BS(ISM) programme • BBM 10 Business Core courses (5 can be fulfilled under BOE) • BBM 5 Business Major courses *(1 could be fulfilled under ISDE for certain majors. Please see BBM Handbook for list of majors)* • 1 Business Capstone **TOTAL NUMBER OF COURSES**	 36 5 4 1 **46**
BSc (ISM) & BAcc	**Students admitted in AY2011-12 onwards** • All the courses listed in the BSc (ISM) programme • BAcc 8 Business Subjects (5 can be fulfilled under BOE, including STAT101) • BAcc 8 Accounting Core courses (1 under ISDE – AIS) • BAcc 2 Accounting Related (1 for IS101 and 1 for IS 102) • BAcc 2 Accounting Options **TOTAL NUMBER OF COURSES**	 36 3 7 0 2 **48**
BSc (ISM) & BSc (Econ)	**Students admitted in AY2011-12 onwards** • All the courses listed in the BSc (ISM) programme • BSc (Econ) 11Economics Major BSc (Econ) (4 can be fulfilled under BOE) • 9 Economics Major Related (2 can be fulfilled under BOE, 3 under IS Foundations and 4 under ISDE) **TOTAL NUMBER OF COURSES**	 36 7 0 **43**
BSc (ISM) & BSocSc	**Students admitted in AY2011-12 onwards** • All the courses listed in the BSc (ISM) programme • BSocSc 5 Social Science Core courses (4 can be fulfilled under BOE, including STATS) • BSocSc 7 Social Science Major courses • BSocSc 7 Social Science Major-Related courses (3 can be fulfilled under IS Foundation, 1 under IS Advanced Topics and 1 under ISDE, 1 under BOE) • BSocSc Capstone Seminar **TOTAL NUMBER OF COURSES**	 36 1 7 1 1 **46**

DOUBLE DEGREE	REMARKS	NOS.
BSc (ISM) & LLB	**Students admitted in AY2011-12 onwards** • All the courses listed in the BSc (ISM) programme • LLB 18 Law Core (4 can be fulfilled under BOE) • LLB 8 Law Electives (1 can be fulfilled under ISDE, 1 under GRS) • LLB 5 Law-Related Courses (2 can be fulfilled under GE, 1 under GRS) **TOTAL NUMBER OF COURSES**	 36 14 6 3 **59**