Information Systems

Introduction

The need for Information Technology (IT) in the business industry has shifted into an environment that is more outward looking in order to compete in the free market. Information Technology is closely related to Information Systems (IS) in their joint support of the organization. They facilitate excellent procedures of the whole organization and strengthen its competitiveness.

As a discipline, Information systems has been making positive contributions to wide range of organizations, especially in this era of digital transformation where information can be accessed and distributed easily. Information systems helps organization in managing data as an asset, either collected or presented by information systems, which are possible to be implemented for problem solving and management decisions making.

The Information Systems Study Program was founded in response to the progressive demand for skilled human resources in the field of information systems. The scope of study in the Program includes Information Systems: information systems development including information systems analysis, design and implementation (programming), management information systems, business process analysis and design, enterprise systems, database analysis and design, and information system project management.

Vision

A world class study program that excels in providing high-level Information system education is specialized in business-IT, recognized internationally, and champions innovation.

Mission

The missions of Information Systems are to:

1. Nurturing students and lecturers with creative and value-adding talents in Information System by creating a suitable environment;
2. Educating students in information systems, covering knowledge and skills in analyzing, designing and implementing information systems for improving business processes and to be able to create an innovative and valuable information system solution, through intensive learning process, research activities and collaboration with global industries;
3. Providing integrated knowledge to pursue further studies and create outstanding professionals, entrepreneurs, and leaders for a global community;
4. Providing professional services in Information System with an emphasis on the application of knowledge to society;
5. Fostering the quality of life of Indonesians and the international community through leveraging Information system solutions.

Program Objective

The objectives of the program are to:

1. Equip students with the expertise and solid basic knowledge about system development that will be needed as a professional in the field of information systems, as well as increasing the skills and knowledge of educators in the information systems field;

2. Preparing students with proficiency and in-depth knowledge of innovative information systems related to IT-Business Innovation;

3. Equip students with the ability to use knowledge of applied business applications for specific industrial purposes;

4. Equip the community with expertise and knowledge through the use of information system solutions;

5. Provide education to the public regarding the use and application of information systems.

Student Outcomes

After completing the study, graduates are:

1. Able to analyze a complex computing problem and to apply principles of computing and other relevant disciplines to identify solution;

2. Able to design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline;

3. Able to communicate effectively in a variety of professional contexts;

4. Able to recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles;

5. Able to function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline;

6. Able to support the delivery, use, and management of information systems within an information systems environment.

Prospective Career of the Graduates

Graduates will have the necessary skills to work as:

1. System Analyst
2. Business Analyst
3. Business Process Analyst
4. Digital Business Specialist
5. Enterprise Resource Planning (ERP) Specialist
6. Software Architect
7. Information Security Analyst
8. System Designer
9. Database Administrator
10. Database Analyst
11. Data Scientist
12. User Experience Designer
13. IT/IS Consultant
14. Application Developer
15. Web-Developer/Web-Designer
16. IT Development Project Leader
17. Software Quality Assurance Tester
18. IT User Liaison
19. IT/IS Researcher
20. Entrepreneur

Curriculum

The Information Systems Study Program curriculum is designed by refering to the curriculum recommended by Association for Computing Machinery (ACM) and Association for Information Systems (AIS) for model curriculum and guidelines for undergraduate degree program in Information Systems. In addition, the curriculum has been influenced by foreign universities with the reputation of qualified Information Systems Study Programs.

The curriculum for the next four years, will prominently consists of:

1. Information Systems, Business Process, Supply Chain Management, and Enterprise Systems.
2. Database, Information and Knowledge Management.
3. User Experience, Information Systems Analysis and Design.

4. Programming, Information Systems Project Management, Testing, and Implementation.
5. Financial Accounting, Research Methodology, and Entrepreneurship.
6. Character Building and Language (Indonesian and English).
7. Concentration Subjects: Strategic Information System, Business Intelligence, Digital Technology, Applied Database, and Applied Enterprise Resource Planning (ERP).
8. Minor Program
9. Free Electives

Course Structure

Sem	Code	Course Name	SCU	Total
1	ACCT6133	Introduction to Financial Accounting	4	20
	ISYS6186	Business Process Fundamental*&**	4	
	ISYS6093	Information System Concept*&**	4	
	COMP6178	Introduction to Programming	2/2	
	LANG6027	Indonesian	2	
	English University Courses I			
	ENGL6128	English in Focus	2	
	ENGL6130	English for Business Presentation	2	
2	ISYS6123	Introduction to Database Systems*&**	2/2	20
	ISYS6126	Enterprise System*&**	4	
	ISYS6338	Testing and System Implementation*&**	2	
	ENTR6509	Entrepreneurship: Ideation	2	
	ISYS6596	User Experience Research and Design**	4/2	
	English University Courses II			
	ENGL6129	English Savvy	2	
	ENGL6131	English for Written Business Communication	2	
3	CHAR6013	Character Building: *Pancasila*	2	22
	ISYS6535	Information Systems Analysis and Design**&***	4/2	
	ISYS6197	Business Application Development	2/2	
	ISYS6256	Information Systems Project Management*&**	4	
	ISYS6478	Research Methods in Information Systems	2	
	ISYS6198	Data and Information Management**	4	
4	CHAR6014	Character Building: *Kewarganegaraan*	2	16
	ISYS6542	Advanced Information System Analysis and Design**&***	4/2	
	Streaming : Business Intelligence			
	ISYS6613	Business Intelligence**	2	
	ISYS6210	Data Visualization*	2	
	ISYS6190	Advance in Data & Information Management	4	
	Streaming : Strategic Information System			
	ISYS6146	Information System Security*	2	
	ISYS6614	IS Strategy, Management and Acquisition**	2	
	ISYS6284	Analytical Information System	4	

Sem	Code	Course Name	SCU	Total
	Streaming : Digital Technology			
	ISYS6211	Web Based Application Development	2/2	
	ISYS6285	Digital and New Media*&**	2	
	ISYS6615	e-Business Design	2	
	Streaming : Applied ERP			
	ISYS6146	Information System Security*	2	
	ISYS6442	Applied ERP: Fundamental	4	
	ISYS6614	IS Strategy, Management and Acquisition**	2	
	Streaming : Applied Database			
	ISYS6613	Business Intelligence**	2	
	ISYS6210	Data Visualization*	2	
	ISYS6567	Applied Database: Database Programming With SQL and PL/SQL	4	
	Minor Program		8	
	Free Electives		8	
5	ENTR6511	Entrepreneurship: Market Validation	2	22
	CHAR6015	Character Building: *Agama*	2	
	ISYS6538	Advanced in Business Application Development**	4/2	
	Streaming: Business Intelligence			
	ISYS6200	Data Warehouse**	4/2	
	ISYS6199	Data & Text Mining	4	
	ISYS6196	Business Analytics*	2	
	Streaming : Strategic Information System			
	ISYS6205	Enterprise Architecture**	4	
	ISYS8066	Business Process Management	4	
	ISYS6202	Social Informatics*	4	
	Streaming : Digital Technology			
	ISYS6187	Business Web Solution**	4	
	ISYS6289	Collaborative Computing*	4	
	ISYS6203	Mobile Applications Development	2/2	
	Streaming : Applied ERP			
	ISYS6205	Enterprise Architecture**	4	
	Elective Courses of Applied ERP Stream****			
	ISYS6443	Applied ERP: Business Process in Sales and Distribution*	4	
	ISYS6444	Applied ERP: Business Process in Procurement	4	
	ISYS6445	Applied ERP: Business Process in Human Capital Management	4	
	ISYS6446	Applied ERP: Business Process in Financial Accounting*	4	

Sem	Code	Course Name	SCU	Total
	Streaming : Applied Database			
	ISYS6201	Data Warehouse and Data Mining**	4	
	ISYS6568	Applied Database: Administration and Recovery	4	
	ISYS6569	Applied Database: Application Development*	4	
	Minor Program		12	
	Free Electives		12	
6	**Enrichment Program I**		20	20
7	**Enrichment Program II**		20	20
8	ISYS6616	Pre-Thesis	2	6
	ISYS6617	Thesis	4	
			TOTAL CREDITS 146 Credits	

*) This course is delivered in English
**) Global Learning System Course
***) Entrepreneurship Embedded
****) Elective Courses of Applied ERP Stream: Students in Applied ERP Stream will choose 2 courses (ISYS6443 and ISYS6444; or ISYS6445 and ISYS6446) from elective course list on 5th semester

Streaming/Minor/Free Electives:
-) For 4th Semester: Students are required to choose streaming or minor program or free electives.
-) For 5th Semester: Students are required to choose streaming or minor program or free electives same with semester 4.

English University Courses:
-) For 1st Semester: English University Courses I, students with Binus University English Proficiency Test score less than 500 will take English in Focus, and student with test score greater than or equal to 500 will take English for Business Presentation.
-) For 2nd Semester: English University Courses II, students with Binus University English Proficiency Test score less than 500 will take English Savvy, and students with test score greater than or equal to 500 will take English for Written Business Communication.
-) Students should pass English Savvy with a minimum Grade is C.

Minor Scheme

Minor Program	Semester 4	Semester 5
Minor @ Binus Kemanggisan		
Digital Ecosystem	v	v
Human Capital in Digital Workplace	v	v
Sustainable Development	v	v
Cross Cultural Communication	v	v
Interactive & Users Experience Design	v	v
Minor @ Binus Alam Sutera		
Digital Business	v	v
Minor @ Binus Bekasi		
Virtual Services	v	v
Culinary	v	v
Minor @ Binus Malang		
Digital Technopreneur	-	-
Minor @ Binus Bandung		
DesignPreneur	-	-

1. Minor Program: Digital Ecosystem

Course		SCU
COMP6683	Introduction to Artificial Intelligence	2/2
COMM6501	Narative Development	4
ISYS6549	Digital Innovation	4
COMP6684	Current Trends in Technology	4
DSGN6834	Visual Identity	4
	Total SCU	**20**

2. Minor Program: Human Capital in Digital Workplace

Course		SCU
PSYC6174	Psychology in The Workplace	4
MGMT6349	Digital Workplace Strategy	4
ISYS6551	Digital Workplace and Technology	4
LAWS6157	Legal Aspects in Digital Workplace	4
PSYC6175	Human Resources Development	4
	Total SCU	**20**

3. Minor Program: Sustainable Development

Course		SCU
ARCH6119	Introduction to Sustainable Development	2
DSGN6835	Engineering Material	4
ISYE6154	Sustainable Design and Manufacture	4
ISYE6155	Occupational, Health, Safety, and Administration in Engineering	2
CPEN6217	Digital for Sustainable Development	4
CIVL6118	Engineering Economic	4
	Total SCU	**20**

4. Minor Program: Cross Cultural Communication

Course		SCU
CHIN6132	Chinese Conversation in Daily Activities	4
COMM6502	Communication in Diversity	2
INTR6135	Comparative Politics	4
BUSS6170	Asian Business Ethics	4
CHIN6133	Chinese Conversation in Daily Works	2
CHIN6134	Chinese Conversation in Business Communication	4
	Total SCU	**20**

5. Minor Program: Interactive & Users Experience Design

Course		SCU
PSYC6176	Psychology and User Experience	4
ISYS6553	User-Centered Research and Evaluation	4
DSGN6836	Fundamental of Interface Design	4
ISYS6554	Core Principles: Interactive Design	4
DSGN6837	Digital Design Production	4
	Total SCU	**20**

6. Minor Program: Digital Business

Course		SCU
ISYS6559	Business Models and Technology Innovation	4
ISYS6557	Business Data Management	4
ISYS6558	Strategic Digital Business Analysis	4
STAT6149	Practical Statistics for Data and Business Analysis	4
MGMT6352	Digital Strategy	4
	Total SCU	**20**

7. Minor Program: Virtual Services

Course		SCU
ISYS6561	Fundamental of Virtual Services	2
ACCT6350	Virtual Financial Services	4
ISYS6562	Virtual Market Place	4
MGMT6354	Virtual Operation and Supply Chain	4
HTMN6082	Virtual Hospitality Management	4
ISYS6563	Seminar on Virtual Services	2
	Total SCU	**20**

8. Minor Program: Culinary

Course		SCU
HTMN6078	Advanced in Pastry and Bakery	4
HTMN6050	Culinary Business Event	2/2
HTMN6048	Western and French Cuisine	2/4
HTMN6046	Authentic Indonesian Cuisine	2/4
	Total SCU	**20**

Appendix: Free Electives (4th Semester & 5th Semester)

No	Course Owner Department	Course Code	Course Name	SCU	Semester
1	Business Creation	ENTR6580	Digital Business Transformation	2	4
2	Business Creation	ENTR6582	Business Strategy	2	4
3	Business Creation	ENTR6494	Managing Growing Business	2	5
4	Business Management	MGMT6399	Fundamentals of Supply Chain Management	2	4
5	Business Management	MGMT6401	Digital Supply Chain Management	2	4
6	Business Management	MKTG6298	Service Marketing Management	2	4
7	Business Management	MGMT6362	Global Supply Chain Services	2	5
8	Business Management	MGMT6365	Current Issue in Service Business and Technology	2	5
9	Business Management	MGMT6400	Supply Chain Strategy	2	5
10	Global Business Management	MKTG6237	Global Strategic Marketing: Asia Pacific Perspective	4	4

No	Course Owner Department	Course Code	Course Name	SCU	Semester
11	International Business Management	BUSS6162	Market Entry Strategy	2	4
12	International Business Management	MGMT6369	Corporate Strategy in International Business	2	4
13	International Business Management	BUSS7009	Export-Import Cost Management	2	5
14	International Business Management	MGMT6370	E-Business for International Business	2	5
15	International Business Management	MGMT7169	Global Supply Chain Management	2	5
16	Management	BUSS6088	Current Issue in Business and Technology	2	4
17	Management	BUSS6109	Business Development	4	4
18	Management	BUSS6171	Business Sustainability	4	4
19	Management	BUSS6173	Managing Innovation and Knowledge	4	4
20	Management	MGMT6276	Leadership & Managing Human Capital in Organization	4	4
21	Management	MGMT6371	Human Resources Analytics	4	4
22	Management	MGMT6374	Analysis on E-Business Investment	4	4
23	Management	MGMT6375	Organizational Learning	4	4
24	Management	BUSS6069	Business Simulation	2	5
25	Management	BUSS6163	Organization Development Strategy	2	5
26	Management	BUSS6194	Business Negotiation Strategy	2	5
27	Management	ISYS8175	E-Business Strategy and Implementation	4	5
28	Management	MGMT6063	Strategic Management	2	5
29	Management	MGMT6297	Operations Management	4	5
30	Management	MGMT6341	Strategic Management	4	5
31	Management	MGMT6412	Customer Relationship Management	2	5
32	Accounting	ACCT7141	Accounting Information System and Internal Control	2/2	4
33	Accounting Bekasi	ACCT6382	Business Process Analysis and Solution	2	4
34	Accounting Bekasi	ACCT6389	Big Data Analytics in Accounting & Finance	2	5
35	Marketing Communication	COMM6435	Global Consumer Behavior	2	4
36	Marketing Communication	COMM6533	Creative Program Design	2/2	4
37	Marketing Communication	COMM6540	Communication & Public Affairs	2	4
38	Marketing Communication	COMM6514	Editing for Creative Program	2/2	5

No	Course Owner Department	Course Code	Course Name	SCU	Semester
39	Marketing Communication	COMM6523	Corporate Event Management	2/2	5
40	Marketing Communication	COMM6538	Media Promotion & Marketing in Creative Broadcasting	2	5
41	Marketing Communication	COMM6539	Media Convergence in Creative Broadcasting	2	5
42	Marketing Communication	COMM6541	Digital Corporate Communication	2/2	5
43	Marketing Communication	COMM6543	Digital Brand Communicaton	2/2	5
44	Tourism	TRSM6208	Tourism Innovation and Product Development	4	5
45	Tourism	TRSM6196	Tourism Community Empowerment	2	5
46	Architecture	ARCH6054	Interior Design Principles	2	4
47	Architecture	ARCH6047	Behavior in Architecture	2	5
48	Architecture	ARCH6128	Multimedia in Design Presentation	4	5
49	Architecture	ARCH6130	Architecture & Social Culture	4	5
50	Architecture	ARCH6132	Leadership Organization Behavior	4	5
51	Civil Engineering	CIVL6015	Geosyntetics Application in Civil Engineering	2	5
52	Civil Engineering	COMP6046	Computer Applications in Construction Management	2	5
53	Computer Engineering	CPEN6232	Cloud Technology Practice	2	5
54	Food Tech	FOOD6073	Current Issues in Food Technology	2	4
55	Industrial Engineering	ISYE6113	Leadership & Organizational Behavior	2	4
56	Business Law	LAWS6110	Cyber Law	2	4
57	Business Law	LAWS6159	Legal Aspect in Business	2	4
58	Business Law	LAWS6171	Business Competition & Consumer Protection Law	2	4
59	Chinese Literature	CHIN6158	Chinese Business in Daily Communication	4	4
60	English Literature	SOCS6021	Social and Digital Media Writing	2	4
61	English Literature	ENGL6244	Social Media Broadcasting	4	5
62	International Relations	INTR6148	Multinational Corporations Global Strategy and Social Responsibility	2/2	4
63	International Relations	INTR8043	International Media and State Role	4	4
64	International Relations	INTR6161	Political Economy of Global Media	2	5
65	International Relations	INTR6162	Multiculturalism and Digital Society	2	5
66	Japanese Literature	JAPN6116	Japanese Corporate Culture and Management (Nihon No Kigyou Bunka to Manejimento)	2	5
67	Primary Teacher Education	EDUC6061	ICT for Distance Learning	2	5

No	Course Owner Department	Course Code	Course Name	SCU	Semester
68	Psychology	PSYC6130	Human Performance Technology	4	4
69	Psychology	PSYC6123	Educational Psychology	2	5
70	Cyber Security	COMP6582	Computer Security	2	4
71	Cyber Security	COMP6646	Computer Forensic	2	5
72	Game Application & Technology	GAME6082	Game Animation	2	4
73	Mobile Application & Technology	MOBI6057	Wearable Technology	2	5
74	Mobile Application & Technology	MOBI6059	Mobile Programming	2	5
75	Statistics	RSCH6483	Research Methodology in Data Science	2	5
76	Statistics	STAT6158	Data Management and Organization	2	5
77	Computer Science	COMP6231	Human and Computer Interaction	2/2	4
78	Computer Science	COMP6745	Machine Learning	2	4
79	Computer Science	COMP7084	Multimedia Systems	2/1	4
80	Computer Science	COMP6176	Human and Computer Interaction	2/2	5
81	Computer Science	COMP6578	Information Visualization	2	5
82	Computer Science	COMP6586	Embedded Systems	2	5
83	Computer Science	COMP6144	Web Programming	2/1	5
84	Animation	DSGN6692	Character Animation	4	4
85	Animation	DSGN6693	Motion Graphic	4	4
86	Animation	DSGN6694	Visual Effect (VFX)	4	4
87	Animation	DSGN6689	Concept Art & Production Design	2	5
88	Animation	DSGN6690	Animation Storytelling	2	5
89	Creative Advertising	DSGN6671	Creative Writing for Commercials	4	4
90	Creative Advertising	MDIA6046	Audio Visual (Pre Production and Production)	4	4
91	New Media	DSGN6743	Digital Graphic Reproduction	4	4
92	Interior Design	DSGN6608	Interior Design and culture	2	4
93	Interior Design	DSGN6611	Business in Interior Design	2	4
94	Business Information Technology	ISYS6574	Information Retrieval	4	4
95	Business Information Technology	ISYS6577	Machine Learning & Foundations	2	4
96	Business Information Technology	ISYS6606	Smart Application	2	4
97	Business Information Technology	ISYS6579	Knowledge-Based AI: Cognitive Systems	4	5
98	Information Systems	BUSS6043	Introduction to E-Business	4	4

No	Course Owner Department	Course Code	Course Name	SCU	Semester
99	Information Systems Accounting & Audit	ISYS6608	IT Service & Risk Management	2	5
100	Information Systems Audit	ISYS6050	Information System Audit Fundamental	4	5

Enrichment Program I (6th Semester) & Enrichment Program II (7th Semester):

-) *Student will take one of enrichment program tracks (off campus). See enrichment appendix for the tracks detail*

Enrichment Track Scheme

Track	Semester 6						Semester 7						
	IN	RS	EN	CD	SA	etc	IN	RS	EN	CD	SA	FS	etc
1			v						v				
2				v			v						
3			v					v					
4				v						v			
5					v		v						
6				v				v					
7				v						v			
8		v						v					
9		v					v						
10	v						v						
11	v							v					
12	v									v			
13	v										v		
14	v											v	
15		v										v	
16				v								v	
17					v							v	

Note:

IN	: Internship	SA	: Study Abroad
RS	: Research	FS	: Further Study
EN	: Entrepreneurship	etc	: Study Program Special Purposes
CD	: Community Development		

Description:

Student will take one of enrichment program tracks

Enrichment Internship Track

Code	Course Name	SCU	Total
Enrichment Program I			
ISYS6215	Experience in Industry	8	20
COMM6553	Business & Professional Communication	8	
ISYS6192	Requirement and Solution for Information Systems	4	
Enrichment Program II			
ISYS6347	Professional Program in Industry	8	20
BUSS6199	Business Ethic and Social Responsibility	8	
ISYS6193	Design and Evaluation for Information Systems	4	

Enrichment Entrepreneurship Track

Code	Course Name	SCU	Total
Enrichment Program I			
ENTR6949	New Venture Initiation in Information Systems	8	20
ENTR6596	Product Development Process for Information Technology Business	8	
ENTR6950	EES in New Information Systems Business I	4	
Enrichment Program II			
ENTR6951	Product Launching in Information Systems	8	20
ENTR6597	Business Development for Information Technology Business	8	
ENTR6952	EES in New Information Systems Business II	4	

Enrichment Research Track

Code	Course Name	SCU	Total
Enrichment Program I			
RSCH6275	Research Experience	8	20
RSCH6510	Scientific Writing in Information Systems Research	8	
RSCH6460	EES in Information Systems Research	4	
Enrichment Program II			
RSCH6412	Information Systems Research Experience	8	20
RSCH6511	Scientific Writing in Information Systems	8	
RSCH6414	Global Employability and Entrepreneurial Skills in Information Systems Research	4	

Enrichment Community Development Track

Code	Course Name	SCU	Total
Enrichment Program I			
CMDV6156	Community Outreach Project Implementation	8	20
CMDV6289	Community Outreach Project Design in Information Systems	8	
CMDV6259	Employability and Entrepreneurial Skills in Information Systems Community	4	
Enrichment Program II			
CMDV6260	Community Development Project Implementation	8	20
CMDV6290	Community Development Project Design in Information Systems	8	
CMDV6262	Employability and Entrepreneurial Skills in Information Systems Community Development	4	

Enrichment Study Abroad Track

Code	Course Name	SCU	Total
Elective courses list for study abroad*			
Enrichment Program I/II			
GLOB6005	Elective Course for Study Abroad 1	4	
GLOB6006	Elective Course for Study Abroad 2	4	
GLOB6007	Elective Course for Study Abroad 3	4	
GLOB6008	Elective Course for Study Abroad 4	4	
GLOB6009	Elective Course for Study Abroad 5	2	
GLOB6010	Elective Course for Study Abroad 6	2	20
GLOB6011	Elective Course for Study Abroad 7	2	
GLOB6012	Elective Course for Study Abroad 8	2	
GLOB6013	Elective Course for Study Abroad 9	2	
GLOB6014	Elective Course for Study Abroad 10	2	
GLOB6015	Elective Course for Study Abroad 11	2	
GLOB6016	Elective Course for Study Abroad 12	2	
GLOB6251	Elective Course for Study Abroad 29	4	

*) Transferred courses will be transferred based on credit transfer policies on study program with total of 20 credits.

Enrichment Further Study Track

Code	Course Name	SCU	Total
Enrichment Program II			
ISYS6654	Service Oriented analysis and design	4	
ISYS6655	Change Management for Enterprise	4	
ISYS6656	Digital Transformation Management	4	20
ISYS6657	Data Analytics for Research	4	
ISYS6660	Visualization and Descriptive Analytics	4	

Student should pass all of these quality controlled courses as listed below:

No	Course Code	Course Name	Minimal Grade
1.	CHAR6013	Character Building: *Pancasila*	B
2.	ENTR6511	Entrepreneurship: Market Validation	C
3.	ISYS6126	Enterprise System	C
4.	ISYS6535	Information Systems Analysis and Design*	C
5.	ISYS6198	Data and Information Management*	C
6.	ISYS6256	Information Systems Project Management	C
Streaming : Business Intelligence			
7.	ISYS6613	Business Intelligence*	C
8.	ISYS6200	Data Warehouse	C
Streaming : Strategic Information System			
7.	ISYS6614	IS Strategy, Management and Acquisition	C

No	Course Code	Course Name	Minimal Grade
8.	ISYS6205	Enterprise Archtecture	C
Streaming : Digital Technology			
7.	ISYS6615	e-Business Design*	C
8.	ISYS6187	Business Web Solution	C
Streaming : Applied ERP			
7.	ISYS6614	IS Strategy, Management and Acquisition	C
8.	ISYS6205	Enterprise Archtecture*	C
Streaming : Applied Database			
7.	ISYS6613	Business Intelligence*	C
8.	ISYS6201	Data Warehouse and Data Mining	C

*) Tutorial & Multipaper