# Bachelor of Information Technology (Honours) Data Communications & Networking - March 2014 Intake

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### Core Courses

- Mathematical Techniques I (3 CH)  
- Mathematical Techniques II (3 CH)  
- Probability & Statistics (4 CH)  
- Internal Computing (3 CH)  
- Computer Programming I (3 CH)  
- Computer Programming II (3 CH)  
- Data Structures & Algorithms (3 CH)  
- Digital Systems (4 CH)  
- Database Systems (3 CH)  
- Object-Oriented Programming (3 CH)  
- Discrete Structures (4 CH)  
- Introduction to Machine Learning (4 CH)  
- Operating Systems (3 CH)  
- Communications & Networking (4 CH)  
- Business and Entrepreneurship in Malaysia (3 CH)  
- Malaysian Language (3 CH)  
- Introduction to Knowledge Management (3 CH)  
- IT Project Management Methods and Tools (3 CH)  
- Ethical Hacking & Security Assessment (3 CH)  
- Information Systems Audit (3 CH)  
- Arts and Humanities (3 CH)  
- Bahasa Kebangsaan A or Foreign Language (3 CH)  
- Co-Curriculum (2 CH)  
- Total Courses (3 CH)  
- Total Credits (126 CH)  

Elective subjects are to be selected from the following list:

- Enterprise Resource Planning
- Management Information System
- CyberLaw and E-Commerce
- Agent Technology
- Introduction to Knowledge Management
- IT Project Management Methods and Tools
- Ethical Hacking & Security Assessment
- Information Systems Audit

### Arts and Humanities Subjects:

Malaysian students with a credit in SPM Bahasa Melayu are to take the following subjects:

1. Hubungan Etnik  
2. Tamadun Islam dan Tamadun Asia  
3. Foreign Language (not native language)  
4. Business and Entrepreneurship in Malaysia  
5. Co-Curriculum

Malaysian students without a credit in SPM Bahasa Melayu are to take the following subjects:

1. Hubungan Etnik  
2. Tamadun Islam dan Tamadun Asia  
3. Bahasa Kebangsaan A  
4. Business and Entrepreneurship in Malaysia  
5. Co-Curriculum

International students are to take the following subjects:

1. Pengajian Malaysia  
2. Bahasa Melayu Komunikasi  
3. Foreign Language (not native language)  
4. Business and Entrepreneurship in Malaysia  
5. Co-Curriculum

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