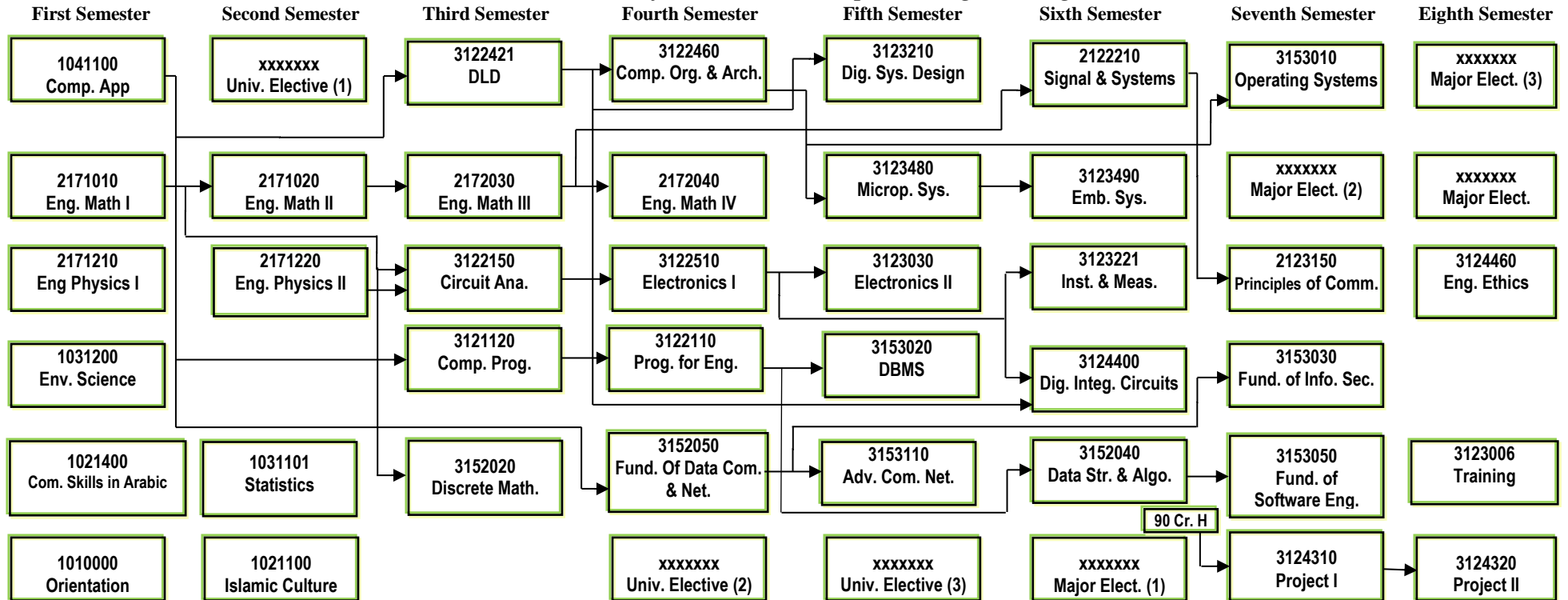




جامعة عجمان  
AJMAN UNIVERSITY

**Ajman University**  
**College of Information Technology**

*Bachelor of Science in Computer Engineering*



University Electives (Choose Only 3), Students (with ID 2013 and above) have to take one from each basket.

**Basket (1)**

- 1141100 Economic Concepts
- 1141200 Entrepreneurship Development
- 1151600 Emirates Society (English)
- 1151300 General Psychology (English)
- 1071100 Critical Thinking (English)
- 1041300 Information Literacy
- 1191400 Media Culture
- 1071500 Family System
- 1191100 English Communication Skills
- 1191200 Intro to Comm Sociology
- 1191300 Information Society

**Basket (2)**

- 1201150 Legal Culture
- 1121400 Introduction to Art
- 1071300 Introduction to Digital Photography
- 1091100 Introduction to Aesthetics (English)
- 1091200 French Language
- 1151500 The Art of Expression and Writing
- 1181100 Principles of Ethics
- 1121100 Principles of Architecture & Art

**Basket (3)**

- 1121300 Modern Technology & Society
- 1021201 Miraculousness of Koran & Sunna
- 1031300 Research Methodology (English)
- 1151100 History of Science in Islam
- 1151200 Scientific Pioneering
- 1181200 General Biology
- 1181300 Oral Health
- 1151700 Education Technology
- 1171100 General Chemistry
- 1171200 F. of Human Nutrition (English)
- 1171300 First Aid (English)
- 1171500 Applications of Remote Sensing
- 1071200 Technical Writing
- 1081200 Physics

**Major Electives (Choose Only 4)**

**Course Code-Course Name-(Prerequisites)**

- |  |   |
|--|---|
| 2124340 Digital Signal Processing (2122210)            | 3154060 Computer Modeling and Simulation (70 Cr. H) |
| 3124300 Selected Topics in CE (70 Cr. H)               | 3154110 Network Design and Implementation (3153110) |
| 3124530 Parallel Processing (3122460)                  | 3154120 Wireless and Mobile Computing (3153120)     |
| 3124700 Fuzzy Logic and Neural Networks (70 Cr. H)     | 3154150 Network Management (3153110)                |
| 3152060 Human Computer Interaction (3122110)           | 3154160 Data Compression (3153030)                  |
| 3153040 Fundamentals of Web Systems (3121120)          | 3154170 Distributed Systems (3153110)               |
| 3153070 Information Tech. Project Management (3153050) | 3154290 Mobile Applications (3153010), (3153020)    |
| 3153120 Network Security (3153030)                     | 3153090 Cloud Computing (3153020)                   |