

Study Plans - English

Major : Computer Sceinces / Diploma Plan Semester : 20142
 Faculty : Oman College of Managment & Technology Section : Computer Sceinces
 Plan Hrs : 66 Plan Type : Major
 Min Semester : 2 Semester(s) Training : Not Found Edition : 4 Study Type: Full Time
 Max Semester : 7 Semester(s) Training Hrs : Thesis Type : Nothing

Category : Faculty Requirement Hrs : (18) Hrs

Group : Compulsory Hrs : (15) Hrs

| course | Course Name | Hrs | Prerequisite Courses | Prerequisit Hrs |
|--------|--|-----|----------------------|-----------------|
| 102106 | Entrepreneurship:Creativity and Innovation | 3 | | |
| 701101 | English Language I | 3 | | |
| 701102 | English Language II | 3 | (701101) | |
| 701103 | English Language III | 3 | (701102) | |
| 701105 | Arabic Language | 3 | | |

Group : Elective Hrs : (3) Hrs

| course | Course Name | Hrs | Prerequisite Courses | Prerequisit Hrs |
|--------|---------------------------------|-----|----------------------|-----------------|
| 701107 | History of Oman | 3 | | |
| 701108 | Arabic Islamic Civilization | 3 | | |
| 701109 | Islamic Culture | 3 | | |
| 701110 | Enviroment & Society | 3 | | |
| 701112 | Omani Society | 3 | | |
| 701113 | Media Culture | 3 | | |
| 701114 | Islamic Economics | 3 | | |
| 701117 | Introduction to Psychology | 3 | | |
| 701118 | Introduction to Library Science | 3 | | |
| 701120 | Physical Education | 3 | | |
| 701122 | Human Rights Issues | 3 | | |

Category : Departement Requirement Hrs : (18) Hrs

Group : Compulsory Hrs : (18) Hrs

| course | Course Name | Hrs | Prerequisite Courses | Prerequisit Hrs |
|--------|------------------------------------|-----|----------------------|-----------------|
| 103202 | Scientific Research Methods | 3 | | |
| 502101 | Calculus I | 3 | | |
| 502103 | Discrete Mathematics | 3 | | |
| 502105 | Programming in a Selected Language | 3 | | |
| 502301 | Object Oriented Programming | 3 | (502105) | |

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Category Departement Requirement

Hrs : (18) Hrs

Group Compulsory

Hrs : (18) Hrs

| course | Course Name | Hrs | Prerequisite Courses | Prerequisite Hrs |
|--------|-----------------------------|-----|----------------------|------------------|
| 502302 | Database Management Systems | 3 | (502301) | |

Category : Supporting Requirement

Hrs : (30) Hrs

Group : Compulsory

Hrs : (24) Hrs

| course | Course Name | Hrs | Prerequisite Courses | Prerequisite Hrs |
|--------|------------------------------------|-----|----------------------|------------------|
| 502201 | Microprocessors and Microcomputers | 3 | (503210) | |
| 502202 | Data Structures | 3 | (502105) | |
| 503201 | Assembly Language Programming | 3 | | |
| 503203 | Applications Software Packages | 3 | | |
| 503210 | Digital Logic Design | 3 | | |
| 503302 | Building Systems Using 4GL | 3 | (502302) | |
| 503401 | Operating Systems | 3 | (502105) | |
| 503416 | Internet Programming | 3 | | |

Group : Elective

Hrs : (6) Hrs

| course | Course Name | Hrs | Prerequisite Courses | Prerequisite Hrs |
|--------|------------------------------|-----|----------------------|------------------|
| 502104 | Probability | 3 | | |
| 502203 | Algorithms Analysis & Design | 3 | (502202) | |
| 503200 | Programming in Java Language | 3 | (502105) | |
| 503202 | Computation Theory | 3 | (502103) | |
| 503205 | System Programming | 3 | (502105) | |
| 503206 | Human Computer Interaction | 3 | | |
| 503207 | Information Technology | 3 | | |
| 503208 | Simulation Techniques | 3 | (502105) | |
| 503209 | File Structures | 3 | (502202) | |