

Study Plan of IT Program (139) الخطة الدراسية لقسم تكنولوجيا المعلومات
Study Plan:
1. Level 1
Term 1

| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
|-----|-------------|--|---|---|---|---------|----------------------|
| 1 | UNR101 | Arabic Language I | 2 | - | - | 2 | اللغة العربية (1) |
| 2 | UNR103 | English Language I | 3 | - | - | 3 | اللغة الانجليزية (1) |
| 3 | FSC201 | Mathematics I | 2 | 2 | - | 3 | رياضيات (1) |
| 4 | UNR106 | Introduction to computers | 2 | - | 2 | 3 | مقدمة في الحاسوب |
| 5 | UNR108 | Arabic Israeli conflict | 2 | - | - | 2 | صراع عربي الاسرائيلي |
| 6 | ITE101 | IT Fundamentals | 3 | - | - | 3 | اساسيات الحاسوب |
| 7 | SEE101 | Fundamentals of Computer Programming (1) | 2 | - | 2 | 3 | اساسيات برمجة (1) |
| | | | | | | 19 | |

Term 2

| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
|-----|-------------|--|---|---|---|---------|----------------------|
| 1 | UNR102 | Arabic Language 2 | 2 | - | - | 2 | اللغة العربية (2) |
| 2 | UNR104 | English Language 2 | 3 | - | - | 3 | اللغة الانجليزية (2) |
| 3 | FSC202 | Mathematics (2) | 2 | 2 | - | 3 | رياضيات (2) |
| 4 | SEE102 | Fundamentals of Computer Programming (2) | 2 | - | 2 | 3 | اساسيات برمجة (2) |
| 5 | FSC203 | Probability and statistics | 2 | 2 | - | 3 | احصاء واحتمالات |
| 6 | ITE201 | Fundamentals of Computer Networks | 2 | - | 2 | 3 | اساسيات شبكات |
| 7 | UNR108 | National Education | 2 | - | - | 2 | ثقافة وطنية |
| | | | | | | 19 | |

2. Level 2
Term 1

| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
|-----|-------------|-----------------------------------|---|---|---|---------|----------------------|
| 1 | SEE201 | Fundamentals of database | 2 | - | 2 | 3 | اساسيات قواعد بيانات |
| 2 | SEE102 | Web design | 2 | - | 2 | 3 | برمجة الويب |
| 3 | SEE104 | Object-oriented programming | 2 | - | 2 | 3 | برمجة هدفية |
| 4 | FSC204 | Discrete Mathematics | 2 | 2 | - | 3 | رياضيات متقطعة |
| 5 | ITE301 | Information Security | 2 | - | 2 | 3 | امن المعلومات |
| 6 | FSC102 | Fundamentals of Operating Systems | 2 | - | 2 | 3 | اساسيات نظم تشغيل |
| | | | | | | 21 | |

Term 2

| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
|-----|-------------|-------------------------------|---|---|---|---------|-------------------------|
| 1 | SEE202 | Database Administration | 2 | - | 2 | 3 | ادارة قواعد بيانات |
| 2 | SEE106 | Data Structure and Algorithms | 2 | - | 2 | 3 | هياكل بيانات وخوارزميات |
| 3 | SEE103 | Web Development | 2 | 2 | - | 3 | تطوير الويب |
| 4 | SEE105 | Visual Programming | 2 | - | 2 | 3 | برمجة مرئية |
| 5 | UNR105 | Islamic Culture | 2 | - | - | 2 | ثقافة اسلامية |
| 6 | FSC101 | Communication skills | 3 | - | - | 3 | مهارات الاتصال |
| | | | | | | 20 | |

| 3. Level 3 | | | | | | | |
|------------|-------------|---------------------------------------|---|---|---|---------|--------------------------|
| Term 1 | | | | | | | |
| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
| 1 | FSC106 | Research Methodology | 3 | - | - | 3 | مناهج البحث |
| 2 | SEE303 | Systems Analysis & Design | 3 | - | - | 3 | تحليل نظم |
| 3 | | Multimedia | 3 | | | 3 | وسائط متعددة |
| 4 | ITE103 | IT Project Management | 3 | - | - | 3 | ادارة مشاريع |
| 5 | ITE202 | Network Management | 3 | - | - | 3 | ادارة شبكات |
| 6 | See301 | Fundamental of Software Engineering | 2 | 2 | - | 3 | اساسيات هندسة برمجيات |
| 7 | ITE302 | Information Security Management | 2 | - | 2 | 3 | ادارة امن المعلومات |
| | | | | | | 18 | |
| Term 2 | | | | | | | |
| No | Course Code | Course Name | L | T | P | Cr.Hrs. | |
| 1 | SEE108 | Mobile Applications Development | 2 | - | 2 | 3 | تطوير الهاتف المحمول |
| 2 | ITE203 | System Administration and Maintenance | 2 | - | 2 | 3 | ادارة النظام وصيانته |
| 3 | ITE204 | Enterprise Computing | 2 | - | 2 | 3 | حوسبة الشركات |
| 4 | FSC103 | Human Computer Interaction | 3 | - | - | 3 | تفاعل الانسان مع الحاسوب |
| 5 | FSC104 | E-Business | 3 | - | - | 3 | الاعمال e- |
| 6 | FSC105 | Computer Ethics | 3 | - | - | 3 | أخلاقيات الكمبيوتر |
| | | | | | | 18 | |

| 4. Level 4 | | | | | | | |
|------------|-------------|---------------------------------|---|---|---|---------|-----------------------|
| Term 1 | | | | | | | |
| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
| 1 | ITE206 | Distributed and Cloud Computing | 2 | - | 2 | 3 | توزيع الحوسبة الحسابة |
| 2 | | Routing and Switching | 2 | - | 2 | 3 | التوجيه والتبديل |
| 3 | | Elective Course (1) | 2 | - | 2 | 3 | دورة اختيارية (1) |
| 4 | FSC110 | Graduation Project 1 | - | - | 3 | 3 | مشروع التخرج (1) |
| | | | | | | 12 | |
| Term 2 | | | | | | | |
| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
| 1 | | Internet of Things | 2 | - | 2 | 3 | انترنت الاشياء |
| 2 | | Artificial Intelligent | 2 | - | 2 | 3 | الذكاء الاصطناعي |
| 3 | | Elective Course (2) | 2 | - | 2 | 3 | دورة اختيارية (2) |
| 4 | FSC111 | Graduation Project 2 | - | - | 3 | 3 | مشروع التخرج (2) |
| | | | | | | 12 | |

| 5. Elective Courses: 3 courses(6 hrs) | | | | | | | |
|---------------------------------------|-------------|----------------------|---|---|---|---------|------------------|
| Elective Course 1 (3 hrs) | | | | | | | |
| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
| 1 | SEE204 | Data Mining | 2 | - | 2 | 3 | بيانات التعدين |
| 2 | ITE303 | Cyber Security | 2 | - | 2 | 3 | الامن الالكتروني |
| Elective Course 2 (2 hrs) | | | | | | | |
| No. | Course Code | Course Name | L | T | P | Cr.Hrs. | |
| 1 | SEE205 | Big Data | 2 | - | 2 | 3 | البيانات الكبيرة |
| 2 | SEE107 | Advanced Programming | 2 | - | 2 | 3 | البرمجة المتقدمة |