

Curriculum structure and credit hours

1. Information Systems Program Structure

The Bachelor of Science degree in Information Systems requires the completion of 120 credit hours. In addition, the student is required to complete an internship program for 16 weeks (sector normal hours) after completing 90 credit hours. This internship experience is equivalent to three credit hours making the total completion requirement 123 credit hours.

The current Information Systems program contains two concentrations:

- a. Information Systems / Project Management
- b. Information Systems / E-Business Management

Each concentration consists of five courses (15 Credit Hours).

Information Systems Program/Project Management Study Plan

FIRST-YEAR FIRST SEMESTER

Course Code	Course Name	Prerequisite
ARB111	Communication skills in Arabic language	-
ENG104	Advanced English Writing	-
ISL114	Islamic Culture	-
MGT200	Introduction to Management	-
INF212	Information Systems	-

FIRST-YEAR SECOND SEMESTER

Course Code	Course Name	Prerequisite
INT100	Introductory Programming	-
INT101	Calculus for Information Technology	-
STA114	General Statistics	-
EMS112	Emiratis Studies	-
xxxxxxx	University Elective I	-

SECOND-YEAR FIRST SEMESTER

Course Code	Course Name	Prerequisite
ACC200	Principles of Accounting I	-
LED111	Leadership and Team Building	-
INT201	Object Oriented Programming	INT 100
MKT200	Principles of Marketing	MGT 200
INT202	Discrete Mathematics	INT101

SECOND-YEAR SECOND SEMESTER

Course Code	Course Name	Prerequisite
xxxxxxx	University Elective II	-
INT205	Fundamentals of Data Communications and Networking	INT 201
INT206	Fundamentals of Web Systems	INT 201
DAT100	Introduction to Data Analytics	INT100
INT 301	Operating Systems	INT 201

THIRD-YEAR FIRST SEMESTER

Course Code	Course Name	Prerequisite
INN 311	Innovation & Entrepreneurship	60 Cr. Hrs
INS 305	System Analysis and Design	INT 201
INT 302	Database Management Systems	INT 201
INT 303	Fundamentals of Information Security	INT 205
xxxxxxx	Major Elective I	xxxxxxx

THIRD-YEAR SECOND SEMESTER

Course Code	Course Name	Prerequisite
INT 306	Computer Ethics and Professional Practices	INT 303
INT 307	Information Technology Project Management	INS 305
INS 308	Enterprise Systems	INT 302
INT 323	Big Data Analytics & Technologies	INT 302
xxxxxxx	Major Elective II	xxxxxxx

THIRD-YEAR SUMMER SEMESTER

Course Code	Course Name	Prerequisite
INS 408	Information Systems Internship – First 8-week period	90 Cr. Hrs

FOURTH-YEAR FIRST SEMESTER

Course Code	Course Name	Prerequisite
INS 402	Business Intelligence	INT 323
INS 411	IT Services and Operations Management	INS 305
INS 412	Project Planning, Scheduling, and Cost Control	INT 307
INT 430	Artificial Intelligence	INT 302
xxxxxxx	Major Elective III	xxxxxxx

FOURTH-YEAR SECOND SEMESTER

Course Code	Course Name	Prerequisite
INS 404	Information Systems Strategy and Acquisition	INT 307
INS 405	Information Systems Project	90 Cr. Hrs
INS 406	IT Resource Management	INS 305
INS 413	Project Quality and Risk Management	INT 307
xxxxxxx	Major Elective IV	xxxxxxx

FOURTH-YEAR SUMMER SEMESTER

Course Code	Course Name	Prerequisite
INS 408	Information Systems Internship– Second 8-week period	First 8-week period

OR: In case the student has not already taken an 8-week internship program yet.

Course Code	Course Name	Prerequisite
INS 408	Information Systems Internship– 16-week period	90 Cr. Hrs