

# ROAD MAP TO SUCCESS

## Information Technology (BS)



### JUNIOR 1ST SEMESTER

- Core -Science with Lab
- Core course
- CPS 321 Operating Systems and Computer Architecture
- IT Elective
- BUS 300 Quantitative Methods I

### SENIOR 1ST SEMESTER

- Core course
- 2 IT Elective courses
- MIS 310 Managerial Applications of Object-Oriented Programming I
- Free Elective course

### SENIOR 2ND SEMESTER

- Core course
- IT Elective course
- MIS 312 Software Engineering
- MIS 491 Information Technology Management
- Free Elective course

### JUNIOR 2ND SEMESTER

- 2 Core courses
- CPS 432 Database Management Systems Design
- ITS 420 Information Technology Privacy and Legal Issues
- Free Elective course

### SOPHOMORE 2ND SEMESTER

- Core course
- Free Elective
- IT Elective course
- MIS 220 Applied Networking Design
- Choose One
  - COM 215 Web Design & Production
  - CPS 215 Introduction to Web Design

### SOPHOMORE 1ST SEMESTER

- 2 Core courses
- CPS 222 Introduction to Computer Organization
- ITS 200 Introduction to IT Security
- Free Elective course

### FRESHMAN 1ST SEMESTER

- Math Group A
- 2 Core Courses
- CPS 101 Introduction to Programming
- Choose One
  - BUS 205 Macroeconomics
  - BUS 206 Microeconomics
  - BUS 207 Contemporary Economics

### FRESHMAN 2ND SEMESTER

- 2 Core courses
- MTH 115 Basic Statistics
- CPS 121 Computer Programming
- MIS 110 Introduction to Information Systems



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