



Bachelor of Science in Information System Pathway CENTRAL TEXAS COLLEGE

To earn a bachelor’s degree from National University students must complete a minimum of 180 quarter units. Requirements include but are not limited to the university’s general education program (to include upper division and cultural diversity), the preparatory courses listed below, major core coursework and any additional courses necessary to fulfill overall program requirements.

The table below maps National University’s Foundation Information System courses to equivalencies identified at **CENTRAL TEXAS COLLEGE**.

Click [here](#) for NU and Community Colleges Articulation Agreement.

| REQUIREMENTS FOR THE MAJOR (10 courses; 45 quarter units) | |
|--|--|
| CIS 301 Mgmt. Information Systems | |
| CIS 310 Technology Project Management | |
| CIS 320 Systems Analysis & Integration | |
| CIS 350 Database Management Systems | |
| CIS 421 Enterprise Architecture | |
| CIS 422 IT Infrastructure | |
| CIS 423 IS Strategy, Mgt & Acquisition | |
| CSC 350 Computer Ethics | |
| CIS 420A Information Systems Project I | |
| CIS 420B Information Systems Project II | |
| UPPER-DIVISION ELECTIVES (3 courses; 13.5 quarter units) | |
| Select 3 upper-division courses from the following list | |
| CIS 430 Web/EB Design & Development | CIS 455 Wide Area Network |
| CIS 460 Human Factor /Ergonomic Design | CIS 474 Information Systems Security |
| CIS 434 Wireless LAN Administration | CIS 475 IS Security Technology |
| CIS 454 Local Area Network | |
| Students must complete core courses (Except CIS420A and CIS420B) and upper division electives before taking four courses (18 quarter units) in one of the two concentrations: Information Management or Business Management. | |
| Concentration in Business Management | Concentration in Information Management |
| MGT 309 Prin. of Mgmt. & Organizations | Students will choose four upper-division undergraduate courses from the Department of Engineering and Computing programs to create their own specialized concentration. This concentration requires prior approval from the Academic Program Director. |
| BIM 400 Info Mgmt. in Organizations | |
| MGT 483 E-Business | |
| AND Select 1 upper-division undergraduate business course | |

Note: These requirements are subject to change. Please see the [National University’s Online General Catalog](#) for official record of requirements for the year you are admitted.