Why a Bachelor’s degree in Information Technology Management?

National University’s BS in Information Technology Management degree is designed to meet the increasing demand for technology expertise in consulting, marketing and sales support, customer services and support, information and library science and general management. This program is designed to provide students with understanding of basic information technology management concepts and practical technology skills. Graduates are prepared for positions in the area of (1) Information Desktop Management and Administration, (2) Database Management Systems (DBMS) Development, Administration and Support, (3) Network Management and Support.

Career Opportunities for Information Technology:
- Database Administrator
- Computer Specialist
- Computer and Information Scientists
- Network Systems and Data Communication Analysts
## National University General Education Requirements

### AREA A: ENGLISH COMMUNICATION
- **ENGL 100**
- **ENGL 103**
- **JOUR 100, SPCH 130 OR SPCH 120**

### AREA B: MATHEMATICAL CONCEPTS AND QUANTITATIVE REASONING
- Mathematical Concepts and Quantitative Reasoning **MATH 110A, 114, 115, 170, 190, 220, 240; MATH 112 OR PSYC 210**

### AREA C: INFORMATION LITERACY
- **LIB 100 AND ENGL 103**

### AREA D: ARTS, LANGUAGE AND HUMANITIES
- **ART 100; MUS 100 AND 105; TH 101**
- **HIST 245, 246; PHIL 100; ENGL 102; CIS 180, 182, 280**
- **SPAN 101, 102, 201, 202; SL 101, 102; CHIN 101**

### AREA E: SOCIAL AND BEHAVIORAL SCIENCES
- **ANTH 100; ECON 201 OR 201M, ECON 202 OR 202M; POL 101, 201; HIST 102, 103; PSYC 101; SOC 101**

### AREA F: PHYSICAL AND BIOLOGICAL SCIENCES
- **Biol 200 AND 201; BIOL 120; CHEM 100 OR 110; CHEM 111 AND 112; GEOL 101; PHYS 101 AND 102; A & P 200+201; A & P 200+121; MIRC 200**

### AREA G: LIFELONG LEARNING AND SELF-DEVELOPMENT
- **COH 100 Personal Health**
- **HED 100**

### AREA A-G: GENERAL EDUCATION
- Can choose one of the following courses: **ACCT 101, 102; CD 110**

## Lower Division Major Preparation

### LOWER DIVISION MAJOR PREPARATION
- **ITM 200 Computer Hardware and Software**
- **CIS 58B**
### GENERAL EDUCATION UPPER DIVISION DIVERSITY (300 OR 400 LEVEL)

<table>
<thead>
<tr>
<th>CERRITOS COLLEGE EQUIVALENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEED</td>
</tr>
</tbody>
</table>

**PLEASE SEE AN ADMISSIONS ADVISOR**

**NO EQUIVALENT COURSE**

### UPPER DIVISION REQUIREMENTS FOR THE MAJOR

**Minimum 63 quarter units required; 14 courses**

<table>
<thead>
<tr>
<th>Course Title</th>
<th>CERRITOS COLLEGE EQUIVALENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITM 320 Information Technology Management</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 340 IT Clients Using MS Windows</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 345 IT Servers Using Linux</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 350 Desktop Application Support</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 420 Local Area Networks</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 430 Wide Area Networks</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 434 Wireless LAN Administration</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 435 Wireless LAN Security</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 440 Database Concepts and Data Model</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 450 DB Processing and Administration</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 470 Information Security Management</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 475 Information Security Technology</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 490A Info Technology Project I</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
<tr>
<td>ITM 490B Info Technology Project II</td>
<td>NO EQUIVALENT COURSE</td>
</tr>
</tbody>
</table>

**Upper Division Major Elective**

**Minimum 9 quarter units required; 2 courses—Students can choose any approved upper-division degree related elective from Technology and Media.**

- NO EQUIVALENT COURSE
- NO EQUIVALENT COURSE

### ESTIMATION OF TOTAL UNITS:

<table>
<thead>
<tr>
<th>Category</th>
<th>Units (Semester Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Division General Education</td>
<td>70.5 (47)</td>
</tr>
<tr>
<td>Lower Division Major Preparation</td>
<td>18 (12)</td>
</tr>
<tr>
<td>Upper Division (National Residency Requirement)</td>
<td>45 (28)</td>
</tr>
<tr>
<td>Upper Division GE Diversity</td>
<td>4.5 (3)</td>
</tr>
<tr>
<td>Open Electives</td>
<td>@33 (22)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>180</strong></td>
</tr>
</tbody>
</table>
1. **APPLICATION**
   - Download an application from [http://www.nu.edu/Admissions/ApplyOnline.html](http://www.nu.edu/Admissions/ApplyOnline.html)
   - The application fee is $60, but can be waived if the student was referred to the program by another NU student.
   - Application deadlines:
     *Cohort based; Contact the Admissions Advisor*

2. **GPA**
   - An average 2.0 GPA is required

3. **TRANSCRIPTS**
   - Students need to submit OFFICIAL transcripts from every college attended. Official transcripts can be delivered to the National University, Long Beach Online Information Center 7557 Carson St. Long Beach, 90808 or contact the Admissions Advisor.

4. **ADDITIONAL MATERIALS**
   - No additional material needed.

5. **COST**
   - $326 per quarter unit

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**CONTACT INFORMATION**

Lori Mattingly  
Admissions Advisor  
(562) 377-1965  
Imattingly@nu.edu

Financial Aid Questions:  
Caitlin Hirsch  
(562) 377-1963  
chirsch@nu.edu

Veteran’s Affairs Office:  
(858) 541-7970

National University – Long Beach  
Online Information Center  
7557 Carson St.  
Long Beach, CA 90808  
(562) 377-1960 Admissions Information  
LongBeach@nu.edu