INFORMATION TECHNOLOGY (IT) INNOVATION, BACHELOR OF SCIENCE

The IT Innovation (ITIN) program involves the study of entrepreneurship as it relates to IT and an individual field of interest. Courses in this degree program are listed in the catalog as IT Innovation (ITIN).

Why major in IT Innovation?

- To have flexibility in designing your own curriculum
- To be able to take more courses that are aligned with your career goals
- To be prepared to be an entrepreneur (an ambitious leader who combines his/her ideas with labor and capital to create and market new goods or services)
- To be prepared to be an intrapreneur (using entrepreneurial skills as an employee within an established organization)
- To have a degree that appeals to a wide variety of potential employers

The IT Innovation degree has three simple but distinguishing features:

1. You pick 33 credit hours from anywhere on campus that line up with your career goals.
2. You participate in seminars, workshops, and conferences on entrepreneurship.
3. You take a solid core of IT courses, plus a two-semester senior capstone course where:
   - You have an idea for a new IT product or service.
   - You document your idea's technical and market feasibility.
   - You carry your idea through to prototype stage.

Student Groups

UNO’s IT Innovation students are invited to join the Information Technology Innovation Group (IT Inc.)


Writing in the Discipline

All UNO students are required to take a writing in the discipline course within their major. IT Innovation degree students must take CIST 3000.

Requirements

A minimum of 120 credit hours is required for a Bachelor of Science degree in IT Innovation (BITI). Thirty of the last 36 hours must be University of Nebraska at Omaha courses. Registering for courses without having taken the stated prerequisites could result in administrative withdrawal.

To obtain a BITI, a student must fulfill the University, College and Departmental requirements. Some courses may satisfy requirements in more than one area, but credit is awarded only once, thereby reducing the total number of credit hours for the degree to 120. (This total does not include prerequisites.)

6-8 hours of Mathematics courses (The total credit hours of Mathematics courses will vary depending on if a student selects 3 hours of MATH 1930 Calculus for Managerial Life and Social Sciences or 5 hours of MATH 1950 Calculus I)

Total Credits 120

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<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td></td>
<td>Prerequisite / Electives</td>
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<td></td>
<td>Select one of the following:</td>
<td>3-4</td>
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<tr>
<td>CSCI 1200</td>
<td>COMPUTER SCIENCE PRINCIPLES</td>
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<tr>
<td>&amp; CSCI 1204</td>
<td>and COMPUTER SCIENCE PRINCIPLES LABORATORY</td>
<td>3</td>
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<tr>
<td>CIST 1300</td>
<td>INTRODUCTION TO WEB DEVELOPMENT</td>
<td>3</td>
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College of IS&T Courses for ITIN Majors

- ITIN 1010 ACTIVATING INNOVATION IN SOCIETY
- ITIN 1110 INTRODUCTION TO IT INNOVATION
- CYBR 1100 INTRODUCTION TO INFORMATION SECURITY
- CIST 1400 INTRODUCTION TO COMPUTER SCIENCE I
- CSCI 1620 INTRODUCTION TO COMPUTER SCIENCE II
- CSCI 2240 INTRODUCTION TO C PROGRAMMING
- CIST 2100 ORGANIZATIONS, APPLICATIONS AND TECHNOLOGY
- ITIN 2220 APPLIED IT INNOVATION
- ITIN 2990 IT INNOVATION SYMPOSIUM
- CIST 2500 INTRODUCTION TO APPLIED STATISTICS FOR IS&T
- CIST 3110 INFORMATION TECHNOLOGY ETHICS
- ITIN 3330 PRODUCT DESIGN AND DEVELOPMENT
- ISQA 3310 MANAGING THE DATABASE ENVIRONMENT
- ITIN 4440 AGILE DEVELOPMENT METHODS
- ITIN 4980 INFORMATION TECHNOLOGY INNOVATION CAPSTONE PROJECT I
- ITIN 4990 INFORMATION TECHNOLOGY INNOVATION CAPSTONE PROJECT PART II

Area of Emphasis

Approval of ITIN Undergraduate Program Committee members required prior to enrollment in courses

Total Credits 84-85

1. NOTE: CSCI 1200 and CSCI 1204 count toward the Natural and Physical Sciences requirement.
2. NOTE: CYBR 1100 counts toward the Global Diversity requirement.
3. NOTE: CIST 2100 and ITIN 1010 counts toward the Social Sciences requirement.
4. NOTE: CIST 3110 counts toward the Humanities requirement.
5. ITIN 2990 (Students need to take a total of 3 credits over the course of three terms)

Minor Offered

- ITIN Minor (http://catalog.unomaha.edu/undergraduate/college-information-science-technology/school-interdisciplinary-informatics-si2/itin-minor)