INFORMATION TECHNOLOGY (BS)

The BS in Information Technology focuses on preparing graduates who are able to configure software to meet the needs of organizations. Students acquire skills related to the selection, creation, application, integration and administration of computing technologies. This degree prepares you to become skilled in problem solving and programming, networks and communications systems, databases, Internet and Web technologies, security and project management, and have a strong grasp of business concepts and technical communications.

The BS in Information Technology has two concentrations:

- Standard Concentration
- Web Development Concentration

The BS in Information Technology can be completed online by transfer students if they meet the following requirements:

- Have a minimum of 45 quarter/30 semester hours of transfer credit
- Have a minimum cumulative 2.0 GPA
- Be in good standing at the last school they attended

Note - The lab science requirement and the pre-calculus prerequisite for the Data Analysis (IT 223) requirement are not available online at DePaul and will need to be completed on campus or transferred in from another institution.

For more information on this option and a sample schedule please see www.cdm.depaul.edu (http://www.cdm.depaul.edu).

Program Requirements

<table>
<thead>
<tr>
<th>Section</th>
<th>Quarter Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberal Studies Requirements</td>
<td>76</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>96</td>
</tr>
<tr>
<td>Open Electives</td>
<td>20</td>
</tr>
<tr>
<td>Total hours required</td>
<td>192</td>
</tr>
</tbody>
</table>

Learning Outcomes

Students will be able to:

- Design an application using principles of user-centered design.
- Construct a web application using best practices.
- Write computer programs that interact with software systems such as file systems, databases, web servers, and browsers.
- Participate in the design, implementation, and management of a software development project or activity.
- Communicate orally and in written form, their recommendations to instructors, clients, and other students.

Liberal Studies Requirements

Honors program requirements can be found in the individual Colleges & Schools section of the University Catalog. Select the appropriate college or school, followed by Undergraduate Academics and scroll down.

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Year Program</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chicago Quarter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSP 110</td>
<td>DISCOVER CHICAGO</td>
<td>4</td>
</tr>
<tr>
<td>or LSP 111</td>
<td>or EXPLORE CHICAGO</td>
<td></td>
</tr>
<tr>
<td>Focal Point</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSP 112</td>
<td>FOCAL POINT SEMINAR</td>
<td>4</td>
</tr>
<tr>
<td>Writing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WRD 103</td>
<td>COMPOSITION AND RHETORIC I 1</td>
<td>4</td>
</tr>
<tr>
<td>WRD 104</td>
<td>COMPOSITION AND RHETORIC II 1</td>
<td>4</td>
</tr>
<tr>
<td>Quantitative Reasoning &amp; Technological Literacy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not Required</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sophomore Year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multiculturalism in the US</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LSP 200</td>
<td>SEMINAR ON MULTICULTURALISM IN THE UNITED STATES</td>
<td>4</td>
</tr>
<tr>
<td>Junior Year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Experiential Learning</td>
<td>Required</td>
<td>4</td>
</tr>
<tr>
<td>Senior Year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Capstone</td>
<td>Required 1</td>
<td>4</td>
</tr>
</tbody>
</table>

Notes

Students must take one of the following ethics courses: CSC 208 (PI), PHL 248/MGT 248 (PI) or REL 228/MGT 228 (RD).
Specified required courses within Liberal Studies may have grade minimums (e.g. C- or better). Please consult your advisor or your college and major requirements.

Courses offered in the student's primary major cannot be taken to fulfill LSP Domain requirements. If students double major, LSP Domain courses may double count for both LSP credit and the second major. Students who choose to take an experiential learning course offered by the major may count it either as a general elective or the Experiential Learning requirement.

In meeting learning domain requirements, no more than one course that is outside the student's major and is cross-listed with a course within the student's major, can be applied to count for LSP domain credit. This policy does not apply to those who are pursuing a double major or earning BFA or BM degrees.

**Major Requirements**

**Course Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Quarter Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISM 210</td>
<td>INTRODUCTION TO HUMAN-COMPUTER INTERACTION</td>
<td>4</td>
</tr>
<tr>
<td>IT 130</td>
<td>INTRODUCTORY COMPUTING FOR THE WEB</td>
<td>4</td>
</tr>
<tr>
<td>IT 211</td>
<td>INTRODUCTION TO APPLIED PROGRAMMING</td>
<td>4</td>
</tr>
<tr>
<td>IT 212</td>
<td>APPLIED OO PROGRAMMING</td>
<td>4</td>
</tr>
<tr>
<td>IT 223</td>
<td>DATA ANALYSIS</td>
<td>4</td>
</tr>
<tr>
<td>IT 231</td>
<td>WEB DEVELOPMENT I</td>
<td>4</td>
</tr>
<tr>
<td>IT 238</td>
<td>INTERACTIVE WEB SCRIPTING</td>
<td>4</td>
</tr>
<tr>
<td>IT 240</td>
<td>INTRODUCTION TO DATABASES</td>
<td>4</td>
</tr>
<tr>
<td>IT 263</td>
<td>APPLIED NETWORKS AND SECURITY</td>
<td>4</td>
</tr>
<tr>
<td>IT 280</td>
<td>TEAM PROJECT DEVELOPMENT WITH AGILE</td>
<td>4</td>
</tr>
<tr>
<td>IT 313</td>
<td>ADVANCED APPLICATION DEVELOPMENT</td>
<td>4</td>
</tr>
<tr>
<td>IT 320</td>
<td>CONTENT MANAGEMENT SYSTEMS</td>
<td>4</td>
</tr>
<tr>
<td>IT 330</td>
<td>USER INTERFACE DEVELOPMENT FOR INTERACTIVE SYSTEMS</td>
<td>4</td>
</tr>
<tr>
<td>IT 373</td>
<td>SYSTEM CONCEPTS</td>
<td>4</td>
</tr>
<tr>
<td>IT 394</td>
<td>SOFTWARE PROJECTS FOR COMMUNITY CLIENTS I</td>
<td>4</td>
</tr>
<tr>
<td>IT 395</td>
<td>SOFTWARE PROJECTS FOR COMMUNITY CLIENTS II</td>
<td>4</td>
</tr>
<tr>
<td>ORGC 201</td>
<td>BUSINESS AND PROFESSIONAL COMMUNICATION</td>
<td>4</td>
</tr>
</tbody>
</table>

1  IT 394 is the first of a two course sequence (8 credit hours). It counts for both the capstone and the Junior Year Experiential Learning. The second course in the sequence is IT 395. Both quarters must be completed to receive any credit.

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**Degree Requirements**

Students in this degree must meet the following requirements:

- Complete a minimum of 192 credit hours (generally 48 courses)
- Earn a grade of C- or higher in WRD 103, WRD 104, and all Major and Minor courses
- Earn a grade of D or higher in all other Liberal Studies and Open Elective courses
- Maintain a cumulative GPA of 2.0 or higher

**Concentration Requirements**

Concentrations, tracks and specializations provide focus to the major. In addition to any college core requirements, liberal studies requirements and major requirements, students are required to choose one of the following:

- Standard Concentration, Information Technology (BS) (https://catalog.depaul.edu/programs/information-technology-bs/standard-concentration-information-technology-bs/)
- Web Development Concentration, Information Technology (BS) (https://catalog.depaul.edu/programs/information-technology-bs/web-development-concentration-information-technology-bs/)