INFORMATION TECHNOLOGY (BS) ONLINE

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 online has two concentrations:

- Standard
- Web Development

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>Requirement</th>
<th>Quarter Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberal Studies Requirements</td>
<td>80</td>
</tr>
<tr>
<td>Major Requirements</td>
<td>28</td>
</tr>
<tr>
<td>Concentration Requirements</td>
<td>84</td>
</tr>
<tr>
<td>Total hours required</td>
<td>192</td>
</tr>
</tbody>
</table>

Learning Outcomes

- 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.

First Year Program

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chicago Quarter</td>
<td></td>
</tr>
<tr>
<td>LSP 110 or LSP 111</td>
<td>DISCOVER CHICAGO or EXPLORE CHICAGO</td>
</tr>
</tbody>
</table>

Focal Point

LSP 112 FOCAL POINT SEMINAR 4
Writing
WRD 103 COMPOSITION AND Rhetoric I 1 4
WRD 104 COMPOSITION AND Rhetoric II 1 4
Quantitative Reasoning
Not Required
Sophomore Year
Race, Power, and Resistance
LSP 200 SEMINAR ON RACE, POWER, AND RESISTANCE 4
Junior Year
Experiential Learning
Required 2 4
Senior Year
Capstone
Required 1, 3 4

1 Students must earn a C- or better in this course.
2 IT 394 required for Standard and Web Development concentrations.
3 IT 395 required for Standard and Web Development concentrations; FILM 398 required for Media Engineering concentration.

Learning Domains

Arts and Literature (AL) (https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/arts-and-literature/)
- 3 Courses Required

Historical Inquiry (HI) (https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/historical-inquiry/)
- 2 Courses Required

- Not Required

Philosophical Inquiry (PI) (https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/philosophical-inquiry/)
- 2 Courses Required (See note below)

Religious Dimensions (RD) (https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/religious-dimensions/)
- 2 Courses Required (See note below)

Scientific Inquiry (SI) (https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/scientific-inquiry/)
- 1 Lab Course Required

Social, Cultural, and Behavioral Inquiry (SCBI) (https://catalog.depaul.edu/undergraduate-core/liberal-studies-program/liberal-studies-learning-domains/social-cultural-and-behavioral-inquiry/)
- 3 Courses Required
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>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 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 313</td>
<td>ADVANCED APPLICATION DEVELOPMENT</td>
<td>4</td>
</tr>
<tr>
<td>UXD 210</td>
<td>INTRODUCTION TO USER EXPERIENCE DESIGN</td>
<td>4</td>
</tr>
</tbody>
</table>

Concentration Requirements

Students must also complete the requirements from one of the following concentrations: Media Engineering, Standard, or Web Development.

Degree Requirements

Students in this degree must meet the following requirements:

- Complete a minimum of 192 credit hours
- 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) Online (https://catalog.depaul.edu/programs/information-technology-online-bs/standard-concentration-information-technology-online-bs/)
- Web Development Concentration, Information Technology (BS) Online (https://catalog.depaul.edu/programs/information-technology-online-bs/web-development-concentration-information-technology-online-bs/)