

# COMPUTING (BAPS)

The Bachelor of Arts in Professional Studies with a Major in Computing is a joint degree program between the School of Continuing and Professional Studies (SCPS) and the Jarvis College of Computing and Digital Media (CDM) at DePaul. The program builds knowledge and skills in computing and technology-based systems for application in a range of organizational settings. Students examine their prior and current work-based experience in light of theory and principles. This program helps students integrate liberal arts learning with an emphasis on agile and critical thinking with a professional specialization.

This major advances students' foundational knowledge in a range of computing areas. Students may pursue concentrations in Computer Science, Information Systems, Information Technology, Network Technology, and Security. With a range of elective courses offered in the major, students may specialize further in areas of particular interest to them.

This major is designed for working adult students and provides:

- Flexible scheduling including online options available
- Financial Aid, flexible payment options, and **special adult student tuition pricing**
- Acceleration and affordability through transfer credit and prior learning assessment (PLA) credit
- Opportunities to combine bachelor's and master's programs and apply graduate courses to both programs
- Individualized program planning, course selection and advising assistance provided
- Enhanced career opportunities through professional portfolio development, and career placement services instruction from industry practitioners, and wide-ranging Career Services support
- Degree granted by DePaul University, with its excellent academic reputation and the opportunity to join its prestigious and extensive alumni network

Program Requirements	Quarter Hours
Core Requirements	78
Major Requirements	22
Concentration Requirements	varies by concentration
Open Electives	varies by concentration
<b>Total hours required</b>	<b>192 hours</b>

## Learning Outcomes

Students will be able to:

- Design a technology-based solution to a problem in an organization.
- Plan the implementation of a technology-based system customized to an organization.
- Analyze a technology-based system in an organization and recommend improvements.
- Investigate problems using qualitative and quantitative methods.
- Apply ethical principles in contest.
- Apply various methods of communication in multiple settings.
- Analyze and apply different liberal arts perspectives.

## College Core (78 credits, 20 credits in residence):

### Lifelong Learning Requirements (32 credits, 16 credits in residence):

Course	Title	Quarter Hours
LL 201	REFLECTIVE LEARNING <sup>1</sup>	2
or RPL 101	PRIOR LEARNING ASSESSMENT	
LL 305	ACTIVE CITIZENS: MAKING A DIFFERENCE IN THE COMMUNITY, WORKPLACE WORLD	
LL 261	ESSAY WRITING	4
LL 270	CRITICAL THINKING	4
LL 290	RESEARCH WRITING <sup>1</sup>	4
LL 301	RESEARCH METHODS <sup>1</sup>	6
LL 302	EXPERIENTIAL LEARNING PRACTICUM <sup>1</sup>	4
MAT 130	FUNCTIONS AND MATHEMATICAL MODELS	4

### Liberal Learning Requirements (46 credits, 4 credits in residence):

- Liberal Arts in Action Requirement: CCA 281, CCH 281, CCS 281 or courses with LA1 designation, 6 credits
- CORE CURRICULUM ARTS & IDEAS, courses with the CCA, AL, PI, or RD requirement designations, 12 credits
- CORE CURRICULUM HUMAN COMMUNITY, courses with the CCH, SCBI, or HI requirement designations, 12 credits
- CORE CURRICULUM SCIENTIFIC WORLD, courses with the CCSW, SI, SILB, or SISK requirement designations, 12 credits
- IN 307 INTEGRATIVE LEARNING, 4 credits <sup>1</sup>

<sup>1</sup> Must be completed in residence.

## Major Requirements

At least 40 credit hours must be completed in residence (at DePaul) taken from the following categories: Professional Studies Core, Computing Core, Computing Concentration, and Computing Electives including FA 199 and at least 20 of those 40 credits must be taken from CDM (the Jarvis College of Computing and Digital Media at DePaul). See "Concentration Requirements" for further details about the Computing Concentration and Computing Elective requirements.

### Professional Studies Core (14 credits, 2 credits in residence)

Course	Title	Quarter Hours
CAREER ASSESSMENT AND PLANNING		
FA 199	CAREER ASSESSMENT AND PLANNING <sup>1</sup>	2
PROFESSIONAL COMMUNICATIONS		
DCM 330	PROFESSIONAL COMMUNICATION IN THE WORKPLACE	4
ETHICS OR SOCIAL JUSTICE, courses with the PSES requirement designation. Choose one of the following:		
DCM 317	ETHICS IN THE PROFESSIONS	2
DCM 318	SOCIAL JUSTICE IN THE PROFESSIONS	2

CREATIVITY OR INNOVATION, courses with the PSCI requirement designation. Choose one of the following:

CCA 170	CREATIVITY AND ENTREPRENEURSHIP	2
DCM 319	CREATIVITY AND INNOVATIVE THINKING	2

GLOBAL PERSPECTIVES, courses with the PSGP requirement designation. Choose one of the following:

CCH 283	GLOBAL PERSPECTIVES OF WORK & FAMILY	4
CCH 300	GLOBALIZATION AND PROFESSIONAL PRACTICE	4

<sup>1</sup> Must be completed in residence.

## Computing Core (8 credits)

Course	Title	Quarter Hours
IT 223	DATA ANALYSIS	4
IT 263	APPLIED NETWORKS AND SECURITY	4

Students in the The Bachelor of Arts in Professional Studies with a Major in Computing are to choose one of the following Concentrations:

- Computer Science Concentration, Computing (BAPS) (<https://catalog.depaul.edu/programs/computing-baps/computer-science-concentration-computing-baps/>)
- Information Systems Concentration, Computing (BAPS) (<https://catalog.depaul.edu/programs/computing-baps/information-systems-concentration-computing-baps/>)
- Information Technology Concentration, Computing (BAPS) (<https://catalog.depaul.edu/programs/computing-baps/information-technology-concentration-computing-baps/>)
- Network Technology Concentration, Computing (BAPS) (<https://catalog.depaul.edu/programs/computing-baps/network-technology-concentration-computing-baps/>)
- Security Concentration, Computing (BAPS) (<https://catalog.depaul.edu/programs/computing-baps/security-concentration-computing-baps/>)