Bachelor of Arts in Professional Studies with a Major in Computing (BAPS-C) Computer Science Concentration, DePaul School of Continuing and Professional Studies

192 quarter hours, 60 hours in residence **Core Requirements Major Requirements** (78 credits, 20 total in residence) (66 credits, 40 in residence from Professional Studies Core and Computing requirements including FA 199 and at least 20 credits from CDM) Professional Studies Core Lifelong Learning **Computing Electives** (32 credits, 16 in residence, specified) (14 credits, 2 in residence) (16 credits, select from below) □ FA 199: Career Assessment & Planning LL 201: Reflective Learning or 2 credits. RR. Any combination of 200-level or higher **RPL 101: Prior Learning Assessment** School of Computing courses from from CSC. 2 credits. RR. DCM 330: Professional Communications in the CSEC, DSC, ECT, GAM, IS, UXD, IT, and NET categories Workplace - 4 credits. LL 305: Active Citizens or equivalent **Computing Elective.** 4 credits 4 credits. DCM 317: Ethics in the Professions or DCM 318: Social Justice in the Professions - 2 credits. **Computing Elective.** 4 credits □ MAT 130: Pre-Calculus - 4 credits. CCA 170: Creativity + Entrepreneurship or DCM Currently on campus only. 319: Creativity and Innovative Thinking, 2 credts **Computing Elective.** 4 credits LL 261: Essay Writing - 4 credits. CCH 283: Global Perspectives of Work and Family or CCH 300: Globalization & Professional **Computing Elective.** 4 credits Practice 4 credits. LL 270: Critical Thinking - 4 credits. **Computing Core** (8 credits, as listed below) LL 290: Research Writing - 4 credits. **Open Electives - 48 Credits** □ IT 223: Data Analysis I -4 credits. RR. PR=LL261 + LL270. **Open Elective.** 4 credits LL 301: Research Methods 6 credits. □ IT 263: Applied Networks & Security - 4 credits. RR. PR=LL290. **Open Elective.** 4 credits **Computer Science Concentration** LL 302: Experiential Learning (28 credits, as listed below) **Open Elective.** 4 credits Practicum 4 credits, RR, PR=LL261+ LL270. □ MAT 140: Discrete Mathematics I - 4 credits. Liberal Learning **Open Elective.** 4 credits Currently online once a year. (46 credits, 4 in residence, specified) □ Liberal Arts in Action (CCA 281, CCH **Open Elective.** 4 credits 281, CCS 281) or LA1 Desg. 6 credits. CSC 243: Python for Programmers - 4 credits. **Open Elective.** 4 credits CSC 300: Data Structures I - 4 credits. **Core Curriculum Arts and Ideas Open Elective.** 4 credits (CCA), 12 credits. **Open Elective.** 4 credits **CSC 301: Data Structures II -** 4 credits. **Open Elective.** 4 credits **Core Curriculum Human Community** (CCH), 12 credits. CSC 373: Computer Systems I - 4 credits. **Open Elective.** 4 credits **CSC 374: Computer Systems II -** 4 credits. **Open Elective.** 4 credits Core Curriculum Scientific World (CCSW), 12 credits. Open Elective. 4 credits CSC 394: Software Projects (Capstone) - 4 credits. Please Note: The Computer Science □ Integrative Learning: IN 307 concentration has a pre-requisite of one course (4 credits, RR). in JAVA or C++, which can be transferred as a Scientific World, Computing or Open Elective. A second option is to take CSC 241 at DePaul and PR=LL 301 Research Methods place it as described above and then take CSC 242 as a substitute for CSC 243 in the concentration

Bachelor of Arts in Professional Studies with a Major in Computing Information Technology Concentration, DePaul School of Continuing and Professional Studies

192 quarter hours, 60 hours in residence

Core Dominante	192 quarter hours, 60 hours in residence		
Core Requirements (78 credits, 20 total in residence)	Major Requirements (66 credits, 40 in residence from Professional Studies Core and Computing requirements		
	including FA 199 and at lease		
Lifelong Learning	Professional Studies Core	Computing Electives	
(32 credits, 16 in residence, specified)	(14 credits, 2 in residence)	(8 credits, select from below)	
(□ FA 199: Career Assessment & Planning		
LL 201: Reflective Learning or	2 credits	Any combination of 200-level or higher	
RPL 101: Prior Learning Assessment		School of Computing courses from CSC, CSEC,	
2 credits. RR.	DCM 330: Professional Communications in the	DSC, ECT, GAM, IS, UXD, IT, and NET categories	
	Workplace - 4 credits.		
LL 305: Active Citizens or equivalent		Computing Elective. 4 credits	
4 credits.	DCM 317: Ethics in the Professions or DCM 318:		
	Social Justice in the Professions - 2 credits.	Computing Elective. 4 credits	
MAT 130: Functions and	CCA 170: Creativity + Entrepreneurship or DCM		
Mathematical Models- 4 credits.	319: Creativity and Innovative Thinking, 2 credts		
Currently on campus only.			
LL 261: Essay Writing - 4 credits.	CCH 283: Global Perspectives of Work and Family		
LE 201: ESSAY Writing - 4 credits.	or CCH 300: Globalization & Professional Practice 4	Open Electives - 44 Credits	
	credits.		
LL 270: Critical Thinking - 4 credits.		Open Elective. 4 credits	
LI LL 270. Childan Hinking - 4 creats.	Computing Core		
	(8 credits, as listed below)	Open Elective. 4 credits	
LL 290: Research Writing - 4 credits.			
RR. PR=LL261 + LL270.	□ IT 223: Data Analysis I - 4 credits.	Open Elective. 4 credits	
LL 301: Research Methods 6 credits.			
RR. PR=LL290.	IT 263: Applied Networks & Security - 4 credits.	Open Elective. 4 credits	
LL 302: Experiential Learning	Information Technology Concentration	Open Elective. 4 credits	
Practicum - 4 credits.	(40 credits, as listed below)		
RR. PR=LL261 + LL270.		Open Elective. 4 credits	
	□ IT 130: Introductory Computing for the Web -		
Liberal Learning	4 credits	Onen Elective 4 credite	
(46 credits, 4 in residence, specified)		Open Elective. 4 credits	
Liberal Arts in Action (CCA 281, CCH]		
281, CCS 281) or LA1 Desg. 6 credits.	UXD 210: Introduction to User Experience	Open Elective. 4 credits	
	Design - 4 credits.		
		Open Elective. 4 credits	
	□ IT 211: Introduction to Applied Programming - 4 credits.		
Core Curriculum Arts and Ideas	4 creats.	Open Elective. 4 credits	
(CCA), 12 credits.			
	IT 231: Web Development I - 4 credits.		
	☐ IT 238: Interactive Web Scripting - 4 credits.	Open Elective. 4 credits	
Core Curriculum Human Community		Open Elective. 4 credits	
(CCH), 12 credits.	☐ IT 240: Introduction to Databases - 4 credits.		
	☐ IT 280: Team Project Development with Agile-		
Core Curriculum Scientific World	4 credits.		
(CCSW), 12 credits.			
	□ IT 320: Content Management Systems-		
	4 credits.		
☐ Integrative Learning: IN 307	☐ IT 394: Software Projects for Industry Clients		
(4 credits, RR).	(Capstone I) – 4 credits		
	☐ IT 395: Information Technology Capstone		
PR=LL 301 Research Methods	(Capstone II) – 4 credits		

*RR= Residency Requirement, PR = Prerequisite

Bachelor of Arts in Professional Studies with a Major in Computing Information Systems Concentration, DePaul School of Continuing and Professional Studies 192 guarter hours, 60 hours in residence

	192 quarter hours, 60 hours in residence				
Core Requirements	Major Requirements				
(78 credits, 20 total in residence)	(66 credits, 40 in residence from Professional Studies Core and Computing requirements				
	including FA 199 and at leas	including FA 199 and at least 20 credits from CDM)			
Lifelong Learning	Professional Studies Core	Computing Electives			
(32 credits, 16 in residence, specified)	(14 credits, 2 in residence)	(16 credits, select from below)			
LL 201: Reflective Learning or RPL 101: Prior Learning Assessment 2 credits. RR.	FA 199: Career Assessment & Planning Credits, RR.	Any combination of 200-level or higher School of Computing courses from CSC, CSEC, DSC, ECT, GAM, IS, UXD, IT, and NET categories			
LL 305: Active Citizens or equivalent	DCM 330: Professional Communications in the Workplace - 4 credits.	Computing Elective. 4 credits			
☐ MAT 130: Functions and	DCM 317: Ethics in the Professions or DCM 318: Social Justice in the Professions - 2 credits.	Computing Elective. 4 credits			
Mathematical Models- 4 credits. Currently on campus only.	CCA 170: Creativity + Entrepreneurship or DCM 319: Creativity and Innovative Thinking , 2 credts	Computing Elective. 4 credits			
LL 261: Essay Writing - 4 credits.	CCH 283: Global Perspectives of Work and Family or CCH 300: Globalization & Professional	Computing Elective. 4 credits			
U 11 270: Critical Thinking A crodits	Practice 4 credits.	Computing Elective. 4 credits			
LL 270: Critical Thinking - 4 credits.	Computing Core				
LL 290: Research Writing - 4 credits.	Computing Core (8 credits, as listed below)				
RR. PR=LL261 + LL270.	IT 223: Data Analysis I -4 credits.	Open Electives - 48 Credits			
LL 301: Research Methods 6 credits. RR. PR=LL290.	IT 263: Applied Networks & Security - 4 credits.	Open Elective. 4 credits			
□ LL 302: Experiential Learning Practicum 4 credits, RR,PR=LL261+ LL270.		Open Elective. 4 credits			
Liberal Learning	Information Systems Concentration	Open Elective. 4 credits			
(46 credits, 4 in residence, specified)	(28 credits, as listed below)				
☐ Liberal Arts in Action (CCA 281, CCH	IS 201: Introduction to Information Systems - 4 credits.	Open Elective. 4 credits			
281, CCS 281) or LA1 Desg. 6 credits.	☐ IS 215: Analysis and Design Techniques - 4 credits.	Open Elective. 4 credits			
		Open Elective. 4 credits			
Core Curriculum Arts and Ideas (CCA), 12 credits	□ IT 240: Introduction to Databases - 4 credits.				
	□ IS 335: Introduction to Organizational Modeling	Open Elective. 4 credits			
	for Digital Transformation - 4 credits.	Open Elective. 4 credits			
Core Curriculum Human Community (CCH), 12 credits	□ IS 372: Software Project Management - 4 credits.	Open Elective. 4 credits			
	□ IS 373: Introduction to Enterprise Systems - 4 credits.	Open Elective. 4 credits			
Core Curriculum Scientific World		Open Elective. 4 credits			
(CCSW), 12 credits	□ IS 376: Information Systems Project (Capstone) - 4 credits.	Open Elective. 4 credits			
□ Integrative Learning: IN 307 (4 credits, RR).					
PR=LL 301 Research Methods					

Bachelor of Arts in Professional Studies with a Major in Computing Network Technology Concentration, DePaul School of Continuing and Professional Studies

192 quarter hours, 60 hours in residence

	192 quarter hours, 60 hours in residence	•	
Core Requirements	Major Requirements		
(78 credits, 20 total in residence)	(66 credits, 40 in residence from Professional Studies Core and Computing requirements		
	including FA 199 and at least 20 credits from CDM)		
Lifelong Learning (32 credits, 16 in residence, specified)	Professional Studies Core (14 credits, 2 in residence)	Computing and Open Electives (8 credits, select from below)	
LL 201: Reflective Learning or	FA 199: Career Assessment & Planning		
RPL 101: Prior Learning Assessment	2 credits, RR.	Any combination of 200-level or higher	
2 credits. RR.		School of Computing courses from CSC, CSEC,	
	DCM 330: Professional Communications in the	DSC, ECT, GAM, IS, UXD, IT, and NET categories	
LL 305: Active Citizens or equivalent	Workplace - 4 credits.		
4 credits.		Computing Elective. 4 credits	
	DCM 317: Ethics in the Professions or DCM 318: Social Justice in the Professions- 2 credits.		
MAT 130: Functions and Mathematical Mandala, A and disc	Social Justice III the Professions- 2 creatis.	Computing Elective. 4 credits	
Mathematical Models- 4 credits. Currently on campus only.	CCA 170: Creativity + Entrepreneurship or DCM		
	319: Creativity and Innovative Thinking , 2 credts		
LL 261: Essay Writing - 4 credits.	515. Creativity and innovative finitking, 2 creats		
	CCH 283: Global Perspectives of Work and	On an Electione AA Condite	
	Family or CCH 300: Globalization & Professional	Open Electives - 44 Credits	
LL 270: Critical Thinking - 4 credits.	Practice 4 credits.	Onen Flective A credits	
		Open Elective. 4 credits	
LL 290: Research Writing - 4 credits.		Open Elective. 4 credits	
RR. PR=LL261 + LL270.			
LL 301: Research Methods 6 credits.	Computing Core	Open Elective. 4 credits	
RR. PR=LL290.	(8 credits, as listed below)		
	(a credits, as listed below)	Open Elective. 4 credits	
LL 302: Experiential Learning	□ IT 223: Data Analysis I -4 credits.		
Practicum 4 credits. RR,PR=LL261+LL270.			
	□ IT 263: Applied Networks & Security - 4 credits.	Open Elective. 4 credits	
Liberal Learning	Network Technology Concentration	Open Elective. 4 credits	
(46 credits, 4 in residence, specified)	(40 credits, as listed below)		
Liberal Arts in Action (CCA 281, CCH	CSC 241: Intro to Computer Sci. or CSC 243:	Open Elective. 4 credits	
281, CCS 281) or LA1 Desg. 6 credits.	Python for Programmers - 4 credits.		
		Open Elective. 4 credits	
	NET 311: Computers in Telecommunications		
	Systems - 4 credits.		
Core Curriculum Arts and Ideas		Open Elective. 4 credits	
(CCA), 12 credits.	NET 362: Principles of Data Communications -		
	4 credits	Open Elective. 4 credits	
	NET 363: Introduction to Local Area Networks -	Open Elective. 4 credits	
Core Curriculum Human Community	4 credits.]	
(CCH), 12 credits.		Open Elective. 4 credits	
	□ NET 365: Network Interconnection Technologies		
	4 credits		
Core Curriculum Scientific World	NET 372: WAN Services - 4 credits		
(CCSW), 12 credits.			
	NET 376 - Network Project - 4 credits		
	■ NET 377 - Fundamentals of Network Security - 4		
☐ Integrative Learning: IN 307	credits		
(4 credits, RR).			
	CSEC 378: Host Based Security - 4 credits		
	- Cole 576. Host based Security - 4 credits		
PR=LL 301 Research Methods	□ NET 379: Telecommunication and Network		
	Security Practicum - 4 credits.		
	uicito		

Bachelor of Arts in Professional Studies with a Major in Computing Security Concentration, DePaul School of Continuing and Professional Studies

192 quarter hours, 60 hours in residence

	192 quarter hours, 60 hours in residence	
Core Requirements	Major Requ	
(78 credits, 20 total in residence)	(70 credits, 40 in residence from Professional Studies Core and Computing requirements including FA 199 and at least 20 credits from CDM)	
Lifelong Learning (32 credits, 16 in residence, specified)	Professional Studies Core (14 credits, 2 in residence)	Open Electives (40 credits, select from below)
(52 creatis, 10 in residence, specified)	□ FA 199: Career Assessment & Planning	
LL 201: Reflective Learning or	2 credits, RR.	Open Electives - 40 Credits
RPL 101: Prior Learning Assessment		open licenves - 40 cicults
2 credits. RR.	DCM 330: Professional Communications in the	Open Elective. 4 credits
	Workplace - 4 credits.	
LL 305: Active Citizens or equivalent		Open Elective. 4 credits
4 credits.	DCM 317: Ethics in the Professions or DCM 318:	
MAT 130: Functions and	Social Justice in the Professions - 2 credits.	Open Elective. 4 credits
Mathematical Models- 4 credits.	CCA 170: Creativity + Entrepreneurship or DCM 319: Creativity and Innovative Thinking , 2 credts	
Currently on campus only.	515. Creativity and innovative finitking, 2 creats	Open Elective. 4 credits
	□ CCH 283: Global Perspectives of Work and	
LL 261: Essay Writing - 4 credits.	Family or CCH 300: Globalization & Professional	
	Practice 4 credits.	Open Elective. 4 credits
LL 270: Critical Thinking - 4 credits.	Computing Core	Open Elective. 4 credits
	(8 credits, as listed below)	
LL 290: Research Writing - 4 credits.	□ IT 223: Data Analysis I -4 credits.	Open Elective. 4 credits
RR. PR=LL261 + LL270.		
	☐ IT 263: Applied Networks & Security - 4 credits.	Open Elective. 4 credits
LL 301: Research Methods 6 credits.		
RR. PR=LL290.	Security Concentration	Open Elective. 4 credits
	(52 credits, as listed below)	
LL 302: Experiential Learning Practicum 4 credits. RR.PR=LL261+ LL270.	CSEC 228: Legal, Ethics and Social Issues in	Open Elective. 4 credits
	Information Security - 4 credits.	
Liberal Learning	CSC 233: Codes and Ciphers - 4 credits	Open Elective. 4 credits
(46 credits, 4 in residence, specified)		
Liberal Arts in Action (CCA 281, CCH	CSC 243: Python for Programmers - 4 credits	Open Elective. 4 credits
281, CCS 281) or LA1 Desg. 6 credits.		
	NET 311: Computers in Telecommunications	
	Systems - 4 credits	
Core Curriculum Arts and Ideas		Please Note: The Security concentration has a
(CCA), 12 credits.	CSEC 340: Fundamentals of Information Assurance - 4 Credits.	pre-requisite of one course in JAVA or C++,
		which can be transferred as a Scientific World or Open Elective. A second option is to take CSC
	□ NET 363: Introduction to Local Area Networks -	241 at DePaul and place it as a Scientific World
	4 credits.	or Open Elective and then take CSC 242 as a
Core Curriculum Human Community	NET 365: Network Interconnection Technologies	substitute for CSC 243 in the concentration.
(CCH), 12 credits.	- 4 credits.	
	NET 377: Fundamentals of Network Security -	
Core Curriculum Scientific World	4 credits.	
(CCSW), 12 credits.	CSEC 378: Host Based Security - 4 credits.	
	□ NET 379: Telecommunication and Network Security Practicum - 4 credits.	
	CSEC 388: Security Testing and Assessment - 4	
□ Integrative Learning: IN 207	credits	
□ Integrative Learning: IN 307 (4 credits, RR).		
	CSEC 394 and CSEC 395- Information Systems	
	Security Engineering I and II - 8 credits.	
PR=LL 301 Research Methods		