Bachelor of Arts in Decision Analytics (BADA), DePaul School of Continuing and Professional Studies

192 quarter hours, 60 hours in residence

Core Requirements

(78 credits, 20 in residence)

Lifelong Learning

(32 credits, 16 in residence, specified)

☐ **LL 201 Reflective Learning or RPL 101: Prior Learning Assessment** 2 credits, RR

☐ **LL 305 Active Citizens** 4 credits

☐ **LL 205 Quantitative Reasoning or LL 206: Advanced Math** 4 credits

☐ **LL 261 Essay Writing** 4 credits

☐ **LL 270 Critical Thinking** 4 credits

☐ **LL 290 Research Writing** 4 credits, RR PR=LL261 + LL270

☐ **LL 301 Research Methods** 6 credits, RR. PR=LL 290

☐ **LL 302 Experiential Learning Practicum** 4 credits, RR, PR=LL261+ LL270

Liberal Learning

(46 credits, 4 in residence, specified)

☐ **Liberal Arts in Action (CCA 281, CCH 281, CCS 281) or LA1 Desg.** 6 credits.

Core Curriculum Arts & Ideas (CCA) (12 credits)

Core Curriculum Human Community (CCH) (12 credits)

Core Curriculum Scientific World (CCSW) (12 credits)

☐ **IN 307 Integrative Learning** (4 credits, RR)

PR=LL 301 Research Methods

Major Requirements

(68 credits, 40 in residence, 8 specified, 32 unspecified – select from any of the following areas: the Professional Studies Core, Decision Analytics Major, or General or Computing concetrations)

Professional Studies Core

(20 credits, 8 in residence, specified)

☐ **FA 199: Career Assessment & Planning** 2 credits, RR.

☐ **DCM 330: Professional Communications in the Workplace** 4 credits.

☐ **DCM 317: Ethics in the Professions or DCM 318: Social Justice in the Professions** 2 credits.

☐ **DCM 319: Creativity and Innovative Thinking or CCA 170: Creativity + Entrepreneurship,** 2 credts

☐ **CCH 300: Globalization & Professional Practice, CCH 283: Global PerspectivesPerspectives of Work and Family, or CCH 239: Business, Technology and Our Global Future** 4 credits.**)**

☐ **LL 303 Capstone Project 6** credits, RR, PR= LL 300 or LL 301 or DCM 309

Decision Analytics Major Core

(24 credits)

☐ **MAT 130: Pre-Calculus** 4 credits.

☐ **DA 200 Data Analytics** 4 credits

☐ **DA 233 Applied Information Management** 4 credits

☐ **DSC 323 Data Analysis and Regression** 4 credits

☐ **IT 223 Data Analysis** 4 credits

☐ **IT 240: Introduction to Databases** 4 credits.

Open Electives

(46 credits)

General Concentration

(24 credits, select from below)

☐ **MAT 137 Business Statistics** 4 credits
☐ **MKT 202 Quan. Meth. in Mrking** 2 credits
☐ **MKT 301 Princ. of Marketing** 4 credits
☐ **MKT 305 Intro. to Marketing Res.** 4 credits
☐ **MKT 310 Consumer Behavior** 4 credits
☐ **MKT 315 Strategic Tool for Markets** 4 credits
☐ **DA 150 Analytics in Action Seminars** -2 credits
☐ **DA 220 Data Mining** 4 credits
☐ **DA 240 Text Analytics** 2 credits
☐ **DA 340: Accelerating Org. Intell.** 2 credits.
☐ **CSC 241: Intro to Computer Science I** 4 credits,
☐ **CSC 242: Intro to Computer Science II** 4 credits,
☐ **CSC 352: Database Programming** 4 credits,
☐ **DSC 324: Advanced Data Analysis** 4 credits,
☐ **DSC 341: Introduction to Data Mining** 4 credits

Computing Concentration

(24 credits, select from below)

Requried Computing Concentration Courses (20 credits)

☐ **CSC 241: Intro to Computer Science I** 4 credits,
☐ **CSC 242: Intro to Computer Science II** 4 credits,
☐ **CSC 352: Database Programming** 4 credits,
☐ **DSC 324: Advanced Data Analysis** 4 credits,
☐ **DSC 341: Introduction to Data Mining** 4 credits

Computing Concentration Elective - 4 credits
Choose one of the following:

☐ **MAT 137 Business Statistics** 4 credits
☐ **MKT 202 Quan. Meth. in Mrking** 2 credits
☐ **MKT 301 Princ. of Marketing** 4 credits
☐ **DA 150 Analytics in Action Seminars** -2 credits
☐ **DA 220 Data Mining** 4 credits
☐ **DA 240 Text Analytics** 4 credits
☐ **DA 340: Accelerating Org. Intell.** 2 credits.

*RR= Residency Requirement, PR = Prerequisite

10/20/20