**Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2018-19: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY**

# B.S. COMPUTER INFORMATION SYSTEMS - Management Science Track - CISM (CIP 11.0101)

**NAME:** _____ **CWID:** _____ **DATE:** _____

| English Composition Placement is: | ALEKS Math Course Placement |
|---|---|
| ACT ENGL score 21 or above | 61-100, MATH A116, Survey of Calculus |
| SAT Verbal score 501 or above | _____ |
| Register for ENGL-T122 _____ | 46-60, MATH A115, Intro to Finite Math |
| ACT ENGL score 20 or below | _____ |
| SAT Verbal score 500 or below | 0-45, MATH A092, Fundamentals of Algebra |
| Register for ENGL A100 _____ | *(not counted in final degree credits)* _____ |

## LOYOLA CORE – 39 Credits

| **FOUNDATION COURSES** | | Crs/Grade |
|---|---|---|
| First-Year Seminar T121 | 3 | |
| ENGL T122: Critical Reading & Writing | 3 | |
| MATH A116: Survey of Calculus | 3 | |
| SCIE T129: Investigating Nature | 3 | |
| | **12** | |
| **KNOWLEDGE-VALUE COURSES** | | |
| Creative Arts & Cultures | 3 | |
| Hist I and II: Choose either T122 + Hist-Q OR T124 + Hist-P | | |
| Hist I* (*either* T122 or T124) | 3 | |
| Hist II (Hist-P or Hist-Q) | 3 | |
| *If T122 taken above, take HIST-Q###; if T124 above, take HIST-P### | | |
| Phil I: Reasoning | 3 | |
| Phil II: Knowledge & Morality | 3 | |
| Rels I: Christian Theology | 3 | |
| Rels II: World Religions | 3 | |
| Social Science | 3 | |
| Scie II: | (Fulfilled in Adjuncts) | |
| Writing About Literature | 3 | |
| | **26** | |

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| **MAJOR** | **39 Credits** |
|---|---|
| **Computer Science Core:** | **21 Credits** |
| Information Systems Theory | |
| COSC A208 or MGT B250 | 3 |
| Intro to Programming I | |
| COSC A211 | 3 |
| Intro to Programming II | |
| COSC A212 | 3 |
| Intro to Relational Databases | |
| COSC A270 | 3 |
| COSC Elect* | |
| | 3 |
| COSC Elect* | |
| | 3 |
| COSC Elect* | |
| | 3 |
| **Management Science Track:** | **15 Credits** |
| Business Statistics | |
| DECS B205 | 3 |
| Business Decision Modeling | |
| DECS B305 | 3 |
| Decision Support Systems | |
| DECS B310 | 3 |
| Prod. & Operations Mgt. | |
| DECS B325 | 3 |
| Managerial Decision Making | |
| DECS B375 | 3 |
| **Practical Experience** | **3 Credits** |
| Internship | |
| | 3 |

| **ADJUNCT** | **3 Credits** |
|---|---|
| Choose one from the following: | |
| MATH A200, Intro Linear Algebra | |
| MATH A204, Discrete Math Structures | |
| MATH A260, Statistical Inference | |
| MATH A271, Applied Scientific Computing | |
| PHIL A206, Intro to Symbolic Logic | |
| | 3 |
| **GENERAL ELECTIVES** | **39 Credits** |
| | 3 |
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| | 0 |
| | 0 |

Notes:

***COSC Electives**

Choose from:

COSC-A2##, A3##, A4##, or Y200

See your Academic Progress Report for your requirements, options, & degree-progress. See the Bulletin for course-descriptions. See LORA for course-availability by Semester.

| | |
|---|---|
| Loyola Core | 39 crs |
| Major | 39 crs |
| Adjunct | 3 crs |
| General Elective | 39 crs |
| Total | 120 crs |

Loyola Core requirements are governed by the catalog year that a student is admitted. See Bulletin & Bulletin Archives.

The last 30 credit hours of the degree must be completed at Loyola Univ. N.O.

GPA: Must achieve 2.0 in Major, Minor (if declared), and Loyola Cumulative.

Courses used in the major cannot also be used to satisfy requirements for a minor: Non-major courses WILL be applied to minors as appropriate.