Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2020-21: NOT AN OFFICIAL RECORD - FOR ADVISING USE ONLY

NAME: **B.S. COMPUTER SCIENCE - COSC** (CIP 11.0701) **DATE:**

English Composition Placement:

ACT ENGL score 21 or above
SATR-EBRW score 500 or above
Register for ENGL-T122 _____

ACT ENGL score 20 or below
SATR-EBRW score 499 or below
Register for ENGL-A100 _____

Mathematics Placement:

See current Bulletin for Criteria, and see Academic Progress Report/U-Achieve for LUPL scores.

_____ Register MathA257/Calculus I
_____ Register MathA118/Pre-Calculus
_____ Register MathA110 & A111

LOYOLA CORE - 40 Credits

FOUNDATION COURSES Crs/Grade

First-Year Seminar T121 _____ 3_____
Engl T122: Critical Reading & Writing _____ 3_____
Math A257: Calculus I _____ 4_____
Scie T129: Investigating Nature_____ 3_____
13

KNOWLEDGE-VALUE COURSES

Creative Arts and Cultures_____ 3_____
Hist I_____ 3_____
Hist II _____ 3_____
Phil I: Reasoning _____ 3_____
Phil II: Knowledge & Morality_____ 3_____
Rels I: Christian Traditions _____ 3_____
Rels II: World Religions _____ 3_____
Social Science _____ 3_____
Scie II: __(Fulfilled in Adjuncts)_____ 0_N/A_
Writing About Literature _____ 3_____
27

MAJOR.....39 Crs

Computer Science.....36 Crs

Intro to Programming I
Cosc A211_____3____
Intro to Programming II
Cosc A212_____3____
Object-Oriented Programming
Cosc A217_____3____
Intro to Relational Databases
Cosc A270_____3____
Computer Organization
Cosc A315_____3____
Data Structures
Cosc A317_____3____
Languages and Paradigms
Cosc A361 _____3____
Operating Systems
Cosc A365 _____3____
Software Engineering
Cosc A451 _____3____
Cosc Elect* _____3____
Cosc Elect* _____3____
Cosc Elect* _____3____

Practical Experience.....3 Crs

Internship I_____3____

ADJUNCT.....10 Crs

Intro to Linear Algebra
MATH A200_____3_____
Calculus II
MATH A258_____4_____

Choose one from the following:

MATH A204, Discrete Math Structures
MATH A260, Statistical Inference
MATH A271, Applied Scientific Computing
PHIL A206, Intro to Symbolic Logic
_____3____

GENERAL ELECTIVES.....31 Crs

_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____1____

Use your Academic Progress Report (LORA > Student Records menu > *Academic Progress Report)* to keep this document updated.

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.....40 crs
Major.....39 crs
Adjuncts.....10 crs
General Elective.....31 crs
Total.....120 crs

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

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

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.