Degree Program Course List (DPCL) of major requirements for students entering Loyola in 2017-18

NAME: **B.S. MATHEMATICS LIBERAL ARTS - MATL** (CIP 27.0101) **DATE:**

English Composition Placement is:	ALEKS MATH COURSE PLACEMENT
ACT ENGL score 21 or above	76-100, MathA257, Calculus 1
SAT Verbal score 501 or above	_____
Register for ENGL-T122 ____	46-75, MathA118, Pre-Calculus
ACT ENGL score 20 or below	_____
SAT Verbal score 500 or below	0-45, MathA092, Fundamentals of Algebra
Register for ENGL-A100 ____	_____ (not counted in final degree credits)

LOYOLA CORE - 42 Credits

FOUNDATION COURSES Crs/Grade

First-Year Seminar T121 _____ 3_____
Engl T122: Critical Reading and Writing _____ 3_____
Math A257: Calculus I _____ 4_____
Sci I: PhysA101/A103 (Intro Mechanics/Lab)_____ 4/1____
15

KNOWLEDGE-VALUE COURSES

Creative Arts and Cultures_____ 3_____
Hist I: T122/Emerging World *or* T124/Modern*_____ 3_____
Choice determines Hist II course below. Choose opposite periods.
Hist II_____ 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_____
Sci II: (Fulfilled in Adjuncts)_____ 0_____
Writing About Literature _____ 3_____
27

LANGUAGE Placement _____
_____ 3_____
_____ 3_____
6

LANGUAGE: Choose from Spoken A100, A101, A200, A201, or Classical A100, A101, A250, A251-A499. Language above A201 not required. If placement is A201, take A201 + 3 add'l credits General Elective instead.

MAJOR.....31 Crs

Intro Linear Algebra
A200_____3____

Calculus I
A257 (See Core/Foundation)_____0____

Calculus II
A258_____4____

Calculus III
A259_____3____

Intro Differential Equations
A310_____3____

Advanced Calculus I
A410_____3____

Math Elect* _____3____

Math Elect* _____3____

Math Elect* _____3____

Math Elect* _____3____

Math Elect* _____3____

*A300-400 level

ADJUNCT.....8 Crs

Intro to Programming I
Cosc A211_____3____

Sci II: Phys-A102/A104, Electromag & Relativity / Lab _____4/1____

GENERAL ELECTIVES.....33 Crs

_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____3____
_____3

Loyola Core	42 crs
Language	6 crs
Major	31 crs
Adjunct	8 crs
General Elective	33 crs
Total	120 crs

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

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.