**Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2015-16***

**NAME:** **B.S. MATHEMATICS - MATT** **DATE:**

**TEACHER CERTIFICATION**

English Composition Placement is:

ACT ENGL score 21 or above
SAT Verbal score 501 or above

Register for ENGL-T122 _____

ACT ENGL score 20 or below
SAT Verbal score 500 or below

Register for ENGL-A100 _____

Is Math Placement Exam required?
_____ NO
_____ YES

Math Placement is:
_____ A092
_____ A117
_____ A118
_____ A257

## COMMON CURRICULUM - 50 Credits

| INTRODUCTORY COMMON CURRICULUM (ICC) | Crs. | Grd. |
|---|---|---|
| First-Year Seminar T121 | 3 | ____ |
| Engl T122: Critical Reading and Writing | 3 | ____ |
| Math A257: Calculus I | 4 | ____ |
| Hist T122: Global Hist I *or* Hist T124: Global Hist II* | 3 | ____ |
| *Choice here determines Hist ACC course | | |
| Phil T122: Philosophy of Human Person | 3 | ____ |
| Rels T122: Relig. & World *or* Rels-T124: Christianity & Soc | 3 | ____ |
| Scie I: Phys-A101/A103, Intro Mechanics / Lab | 4 + 1 | ____ |
| | **24** | |

| ADVANCED COMMON CURRICULUM (ACC) | | |
|---|---|---|
| Writing About Literature | 3 | ____ |
| Hist ACC | 3 | ____ |
| * If T122 previously taken, take Modern; if T124 taken, take Emerging World | | |
| Foundational Ethics** | 3 | ____ |
| **must take Ethics in Philosophy or Religious Studies | | |
| Phil ACC or Rels ACC*** | 3 | ____ |
| ***If Ethics in Philosophy take Rels ACC; if Ethics in Religion take Phil ACC | | |
| Creative Arts | 3 | ____ |
| Social Science Teac-A100 | 3 | ____ |
| Scie II: Phys-A102/A104, Electromag & Relativity / Lab | 4 + 1 | ____ |
| | **23** | |

**LANGUAGE** Placement level _____

| | | |
|---|---|---|
| Placement course Cosc-A211 | 3 | ____ |
| | **3** | |

**MAJOR ..... 31 Crs.**

Intro Linear Algebra
A200 _____ 3 ____

Calculus I
A257 (see ICC Math) _____ 0 ____

Calculus II
A258 _____ 4 ____

Calculus III
A259 _____ 3 ____

Intro Differential Equations
A310 _____ 3 ____

Topics in Geometry
A345 _____ 3 ____

Advanced Calculus I
A410 _____ 3 ____

Math
Elective* _____ 3 ____

Math
Elective* _____ 3 ____

Math
Elective* _____ 3 ____

Math
Elective* _____ 3 ____

*A300-A400 level

**Courses used in the major cannot also be used to satisfy requirements for a minor.**

| | |
|---|---|
| Common Curr. | 47 crs. |
| Comm Curr Lang. | 3 crs. |
| Major | 31 crs. |
| Adjunct | 0 crs. |
| Teach Cert | 30 crs. |
| General Elect | 9 crs. |
| **Total** | **120 Crs.** |

**ADJUNCT ..... 0 Crs.**

Intro to Programming I
Cosc A211 (see ICC Lang) __ 0 ____

**Teacher Certification ..... 30 Crs.**

Multicultural Education
Teac-A100 See ACC 0 ____

Educational Psychology
Psyc-A250 _____ 3 ____

Adolescent Psychology
Psyc-A255 _____ 3 ____

Reading in the Content Area
Teac-A310 _____ 3 ____

The Learner with Special Needs
Teac-A210 _____ 3 ____

Classroom Management/Organization
Teac-A343 _____ 3 ____

Secondary Methods I
(General Pedagogy)
Teac-A300 _____ 3 ____

Secondary Methods II
(Pedagogy to Specific Field)
Teac-A303 _____ 3 ____

Student Teaching
Teac-A410 _____ 9 ____

**GENERAL ELECTIVES ..... 9 Crs.**

_____ 3 ____

_____ 3 ____

_____ 3 ____

**REQUIREMENTS ACROSS THE CURRICULUM (RAC)**

Catholic Studies _____

Diversity _____

Pre-Modern* _____
(*May not be ICC course)

**Use space for comments or for Minor Check-off.**

GPA: Must achieve 2.0 in Major and Loyola cumulative.

Math-A092 will not be used in total hours needed for degree.

***Note: Common Curriculum requirements are governed by the catalog year that a student is admitted.**