

**Degree Program Course List (DPCL) of major requirements for students entering Loyola or transferring into the major in 2015-16\***  
**B.S. MATHEMATICS - MATT DATE:**

**NAME:**

**UHP CURRICULUM: MATH TEACHER CERTIFICATION - 51 Credits**

HONORS CORE CURRICULUM	Crs.	Grade
First-Year Seminar H121	3	
Ignatian Colloquium H193 or H194	1	
Social Justice Seminar H396	3	
Honors Ethics H215	3	
<b>Subtotal</b>	<b>10</b>	

**MATH/ NATURAL SCIENCE REQUIREMENTS**

Mathematics A257 or H257 Calculus I	4	
Physics A101/A103 Intro Mechanics I/Lab	4 + 1	
Physics A102/A104 Electromag & Relativity/Lab	4 + 1	
<b>Subtotal</b>	<b>14</b>	

**HONORS DISCIPLINARY REQUIREMENTS\* (H295)\*\***

History		
Philosophy		
Religious Studies		
Literature		
Social Science TEAC-A100	3	
Creative Arts		
<b>Subtotal</b>	<b>12</b>	

**ADVANCED HONORS/ACC (H295 or U-Z courses)**

English	3	
History	3	
Phil OR Relis	3	
<b>Subtotal</b>	<b>9</b>	

**ADDITIONAL REQUIREMENTS (H295, U-Z, AP or transfer credits)**

Elective	3	
<b>Subtotal</b>	<b>3</b>	

**LANGUAGE Placement Level**

Cosc A211	3	
<b>Subtotal</b>	<b>3</b>	

**HONORS THESIS/CREDITS IN THE MAJOR**

<b>Subtotal</b>	<b>(6)</b>
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\*FYS, Social Justice Seminar, and Ethics may fulfill up to 6 crs. (or two disciplines) as determined by the UHP.

\*\*The UHP reserves the right to determine which discipline an H295 course satisfies due to the inherent interdisciplinary nature of most H295 courses.

**TEACHER CERTIFICATION**

**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.
<b>Total .....</b>	<b>120 Crs.</b>

**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

**GENERALECTIVES ..... 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.