

## University of the Incarnate Word Unofficial Degree Plan, Catalog 20\_\_-20\_\_

**Degree:** Bachelor of Science                      **Major:** Mathematics                      **Minor:** \_\_\_\_\_

A minimum of 120 hours is required for graduation. At least 36 hours must be upper division (3000-4000). Core Prep or ESLI courses will not be included in the 120 required hours. Students must complete minimum of 165 hours for second degree. It is the student's responsibility to ensure that all requirements are fulfilled as stated in the catalog. An approved substitution form must be submitted to change the placement or requirement listed on this plan.

University Core Curriculum (Hrs)	Earned	Req	Comments
<b>Rhetoric (6):</b> ENGL 1311L/1311 ENGL 1312			
<b>Wellness Development (3):</b> DWHP 1200 (3200 transfer) (2) PE Activity Course (1)			F15
<b>Philosophy and Religion (9):</b> PHIL 1381/1381H (3) RELS (3): 1310, 1327H, 1340, 1345, 1355, 1360, 1370, 1375, 1399, 2320, 2329, 2330, 2335, 2345, 3300 RELS/adv PHIL (3)			
<b>Literature and The Arts (6):</b> ENGL 2310 (3) Fine Arts (3) _____ (Art, Art History, Dance, Music, Theater)			
<b>Mathematics and Sciences w/Lab (7):</b> MATH (3): 1304, 1306, 2303 SCIENCE w/ LAB (4): Bio, Chem, Ensc, Phys, Geol, Meteor			
<b>History and Social Science (6):</b> HIST (3): 1311, 1312, 1321,, 1322 SOCIAL SCIENCE (3): ANTH 1311, ECON 2301, GOVT 1315/1316/4310H, PSYC 1301, SOCI 1311/4310H , ECON 2301,			
<b>Modern Language (6):</b> Arab, ASL, Chin, Fren, Germ, Hebr, Ital, Japn, Port, Span			
<b>Computer Literacy (3) **</b>			
<b>Community Service (45 Clock)</b> (Min 30 hours off-campus)			
<b>TOTAL HRS REQUIRED:</b>			

Required Courses (24 Hours)	Earned	Req	Comments
MATH 2312: Calculus I			
MATH 2313: Calculus II			
MATH 2314: Differential Equat.			
MATH 2322: Linear Algebra			
MATH 3314: Calculus III			
MATH 3320: Found. High Math			
MATH 3325: Abstract Algebra			
MATH 3350: Intro Real Analysis			

**Math Elective Courses (24 Hours total, incl. 12 Advanced)**

MATH2303 Intro Prob & Stat			
MATH 3331: Found. Prob & Stat			
MATH 3332: Found. Stat Infer			
MATH 3333: App. of Stat. Meth.			
MATH 3335: Geometry & Proof			
MATH 3340: History of Math			
MATH 3355: Numerical Analysis			
MATH 3370: Math Modeling			
MATH 4333: Regression Anal.			
MATH 4335: Comp Stats & Appl			
MATH 4348: Intro Number Theo			
MATH 4370: Model Natural Proc			
MATH 4295: Read/Research I (2)			
MATH 4196: Read/Resear II (1)			

**Other Required Courses (7 Hours)**

MATH 2340: Computer Programming Language or CIS			
PHYS 2305 or 2306 w/ Lab			

**Minor Required (15-22 Hours total, incl. 6 Advanced)**

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3.			
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6.			

**36 Hours Upper Division (3000-4000)**

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2.			
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11			
12.			

1. By the end of the second semester at UIW, students must test for computer competence or complete a computer literacy course.
2. Some programs may require more than 120 hours to complete degree requirements.
3. The bachelor's degree requires 45 credit hours of residency with a minimum of 12 advanced hours at UIW in the major. Second degree includes 45 residency hours beyond first degree. Transfer students must complete 36 of final 45 hours at UIW.
4. Students cannot take CLEP exams during the senior year.
5. Courses numbered with a designation of "H" are for Honors students only.
6. Courses completed at junior/community colleges will not satisfy the advanced hour requirement for the degree.
- \*7. Excludes courses counted toward the Statistics Minor.
- \*\*8. Eliminated after Spring 2014.

