Bachelor of Science in Math
Recommended Program Plan beginning Fall 2014 (even year)
(Subject to change depending on credits transferred in by student)

Math Program Plan Coordinator: Dr. Jim Johnson

Prior to Year #1
9 Credits (minimum) – Evaluated during creating of program plan.
Mth 235 – Calculus 1 (4) – REQUIRED
General Electives (5)

Year #1

Fall – 18 Credits
LAR 101 – Liberal Arts Seminar (3)
Mth 303 – Linear Algebra (3)
FAK – Foundational Area of Knowledge – Core Requirement (3)
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General Elective (3)
General Elective (3)

Spring – 17 Credits
Mth 144 – Introduction to the Mathematics Major (1)
Mth 250 – Foundations of Mathematics (3)
Mth 236 – Calculus II (4)
FAK – Foundational Area of Knowledge – Core Requirement (3)
General Elective (3)
General Elective (3)

Summer after Year #1
6 Credits – Approved with guidance of faculty advisor

Year #2

Fall – 18 Credits
LAR 202 – Liberal Arts Seminar (3)
Mth-3XX/4XX – Math Elective (3)
IST 145 – Introduction to Programming and Problem-Solving (3)
FAK – Foundational Area of Knowledge – Core Requirement (3)
General Elective (3)
General Elective (3)

Spring – 17 Credits
Mth-3XX – Math Elective (3-4)
Mth-3XX – Math Elective (3)
Mth 496 – Mathematics Seminar I (1)
FAK – Foundational Area of Knowledge – Core Requirement (3)
General Elective (3)
General Elective (3)

Summer after Year #2
6 Credits – Approved with guidance of faculty advisor

Year #3

Fall – 17 Credits
LAR 303 – Liberal Arts Seminar (3)
Mth 497 – Math Seminar II (2)
Mth-3XX – Math Elective (3)
FAK – Foundational Area of Knowledge – Core Requirement (3)
General Elective (3)
General Elective (3)

Spring – 15 Credits
Mth 403 – Abstract Algebra (3)
Mth-3XX – Math Elective (3)
FAK – Foundational Area of Knowledge – Core Requirement (3)
EXPERIENTIAL LEARNING – Core Requirement - (3)
General Elective (3)

IMPORTANT:
1. Students are required to transfer in 9 credits for 3-year guarantee eligibility. These credits have the potential to alter program plan slightly but careful planning is required to maintain Math course schedule. If a student transfers more than 9 credits to start, it can either affect the student's semester or summer loads in the 3-year program plan.
2. Students are required to earn 123 credits for graduation. The above plan shows 9 credits transferred in prior to enrollment, 12 credits during summers after years 1 and 2, plus the total of 102 credits earned during fall and spring semesters.
3. The Undergraduate Core requires 3 LAR courses, 7 FAK courses, and 1 experiential learning course. These have been met in the above plan.
4. Students should consider incorporating a minor (usually at least 18 credits) into his/her individual program. The math major allows for relative flexibility with General Electives to be replaced with minor program coursework.