

# B.S. in Mathematics Sample Schedule

## **Year 1, Fall**

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Math 109 (Calc 1)  
Core/FL/RHET/195  
Core/FL/RHET/195  
Core/FL/RHET/195

## **Year 1, Spring**

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Math 110 (Calc 2)  
CS 110 (Intro to CS)  
Core/FL/RHET/195  
Core/FL/RHET/195

## **Year 2, Fall**

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Math 211 (Calc 3)  
Math 230 (Linear Algebra)  
Core/Elective  
Core/Elective

## **Year 2, Spring**

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Math 235 (Formal Methods)  
Core/Lab Sci  
Core/Elective  
Core/Elective

**Notes:** The four math electives (Math XXX), must be 300—400 level courses, and one must be designated *classical* and one designated *applied*.  
Math 235 and 201 cannot both be applied to major or minor credit totals, similarly, Math 230 and 202 cannot both apply to major or minor credit totals.

## **Year 3, Fall**

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Math 435 (Modern Algebra)  
Core/Elective  
Core/Elective  
Core/Elective

## **Year 3, Spring**

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Math 453 (Real Analysis)  
Math XXX (elective)  
Core/Elective  
Core/Elective

## **Year 4, Fall**

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Math XXX (elective)  
Math XXX (elective)  
Core/Elective  
Core/Elective  
Math 350 (Colloquium, 1 credit)

## **Year 4, Spring**

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Math XXX (elective)  
Core/Elective  
Core/Elective  
Core/Elective  
Math 350 (Colloquium, 1 credit)