

# MATHEMATICS: MATHEMATICS FOR THE PHYSICAL AND BIOLOGICAL SCIENCES

## FOUR-YEAR PLAN

### SAMPLE FOUR-YEAR PLAN

This Sample Four-Year Plan is a tool to assist students and their advisor(s). Students should use it—along with their DARS report, the Degree Planner, and Course Search & Enroll tools—to make their own four-year plan based on their placement scores, credit for transferred courses and approved examinations, and individual interests. As students become involved in athletics, honors, research, student organizations, study abroad, volunteer experiences, and/or work, they might adjust the order of their courses to accommodate these experiences. Students will likely revise their own four-year plan several times during college.

In general, your four year plan in mathematics should be organized along the following sequence:

1. Calculus
2. Linear Algebra
3. Required Intermediate level course
4. Additional intermediate level courses as needed
5. Required advanced level course
6. Additional advanced level courses

#### Freshman

Fall	Credits Spring	Credits
MATH 221	5 MATH 222	4
Literature Breadth	3 Literature Breadth	3
Communication A	3 Ethnic Studies	3
Foreign Language <sup>if</sup> required	4 Foreign Language (if required)	4
	<b>15</b>	<b>14</b>

#### Sophomore

Fall	Credits Spring	Credits
MATH 234 <sup>1</sup>	4 MATH 321	3
MATH 320	3 Humanities Breadth	3
Humanities Breadth	3 Elective	6
Communication B	3	
Elective	3	
	<b>16</b>	<b>12</b>

#### Junior

Fall	Credits Spring	Credits
MATH 322	3 Intermediate MATH elective	3
PHYSICS 247, 207, 201, or E M A 201	5 PHYSICS 248, 208, or 202	5
Social Sciences Breadth	3 Social Science Breadth	3

Biological Sciences Breadth	3 Biological Sciences Breadth	3
Elective	3 Elective	3
	<b>17</b>	<b>17</b>

#### Senior

Fall	Credits Spring	Credits
Required Advanced MATH	3 Advanced MATH	3
Natural/Biological requirement elective	3 Natural/Biological requirement elective	3
Social Science Breadth	3 Social Science Breadth	3
Elective	6 Elective	5
	<b>15</b>	<b>14</b>

**Total Credits 120**

### FOOTNOTES

- <sup>1</sup> Students should declare their major upon the successful completion of this course