

# APPLIED MATHEMATICS, ENGINEERING, AND PHYSICS, B.S. AMEP

## FOUR-YEAR PLAN

Electives	3
<b>15</b>	<b>15</b>
<b>Total Credits 125</b>	

## 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.

### First Year

Fall	Credits	Spring	Credits
CHEM 109		5 Communication A	3
PHYSICS 247		5 MATH 320	3
MATH 234		4 PHYSICS 248	5
Foreign Language 1		4 Foreign Language 2	4
	<b>18</b>		<b>15</b>

### Second Year

Fall	Credits	Spring	Credits
MATH 321		3 INTER-LS 210	1
PHYSICS 249		4 PHYSICS 311	3
Humanities Breadth		3 MATH 322	3
Core Math Elective 1		3 Core Math Elective 2	3
Ethnic Studies/Social Science Breadth		3 Humanities Breadth	3
		Biological/Social Science or Humanities	3
	<b>16</b>		<b>16</b>

### Third Year

Fall	Credits	Spring	Credits
PHYSICS 322		3 Core Physics 2	4
Core Math Elective 3		3 Core Physics 3	4
Physics Elective 1		4 Computational Experience	3
Lab Experience		2-4 Engineering 1	3
Humanities/Social Science Breadth		3	
	<b>16</b>		<b>14</b>

### Fourth Year

Fall	Credits	Spring	Credits
Communication B		3 Engineering courses	9
Engineering Courses		12 Humanities Breadth	3