

**Associate in Arts degree – Pre-Engineering Advising Track**  
**MAP 2 – Full-time enrollment leading to 2-year completion**

Effective Year: 2019-2020

\*Designates Florida Common Program Prerequisite

Semester 1
ENC1101C English Composition I General Education Communications 3 credit hours
General Education Mathematics MAC2311* Analytic Geometry and Calculus I 4 credit hours
General Education Core Natural Sciences CHM1045* General Chemistry I 3 credit hours
Natural Sciences CHM1045L* General Chemistry I Lab 1 credit hour
Foreign Language I or Elective 4 credit hours <i>See Catalog for Foreign Language requirement.</i>
<b>Semester TOTAL</b> <b>15 credit hours</b>

Semester 2
ENC1102 English Composition II General Education Communications 3 credit hours
General Education Mathematics MAC2312* Analytic Geometry and Calculus II 4 credit hours
General Education Core Humanities 3 credit hours
General Education Core Social Sciences 3 credit hours <i>See Catalog for Civic Literacy requirement.</i>
Foreign Language II or Elective 4 credit hours <i>See Catalog for Foreign Language requirement.</i>
<b>Semester TOTAL</b> <b>17 credit hours</b>

Semester 3
General Education Humanities Literature 3 credit hours
General Education Social Sciences 3 credit hours
General Education Elective MAC2313* Analytic Geometry and Calculus III 4 credit hours
PHY2048* Physics I with Calculus 4 credit hours
PHY2048L* Physics I with Calculus Lab 1 credit hour
<b>Semester TOTAL</b> <b>15 credit hours</b>

Semester 4
General Education Natural Sciences 3 credit hours
General Education Elective MAP2302* Differential Equations 3 credit hours
PHY2049* Physics II with Calculus 4 credit hours
PHY2049L* Physics II with Calculus Lab 1 credit hour
Elective 2 credit hours
<b>Semester TOTAL</b> <b>13 credit hours</b>

<b>Degree TOTAL</b> <b>60 credit hours</b>
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**Note:**

Students are strongly encouraged to select required lower division electives that will enhance their general education coursework and that will support their intended baccalaureate degree program. Students should consult with an academic advisor in their major degree area.