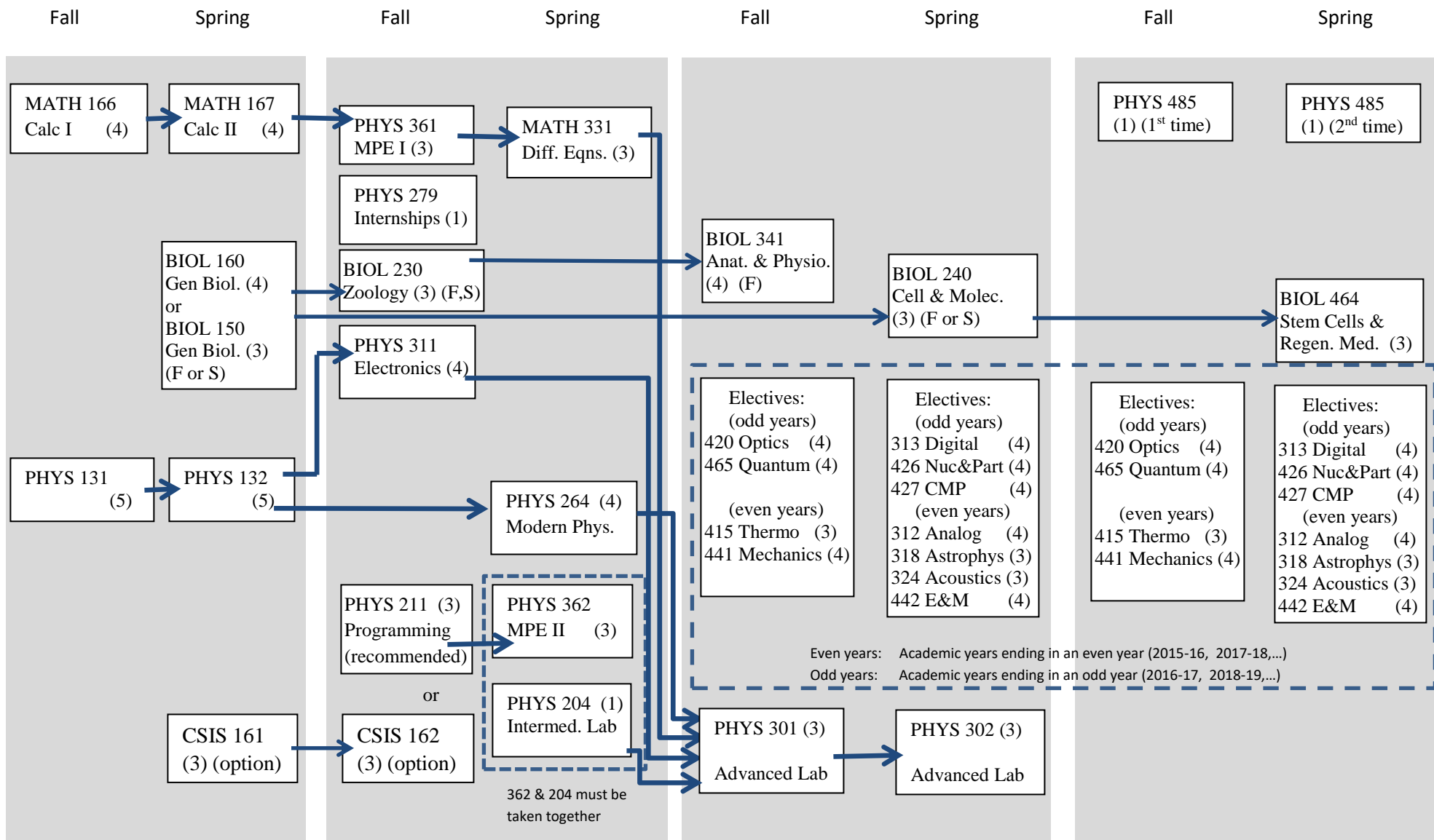


Physics Major: Applied Physics for Industry and Engineering – *Opto-Electronics*

This is a chart showing a typical sequence of Physics and Math courses of an APIE major with an Opto-Electronics certificate.

Electives may also be taken from courses that are part of another certificate option.
 MATH 256 Linear Alg is required for PHYS 465
 PHYS 465 is required for PHYS 427
 PHYS 379 Internship credit is also an elective



Physics Major: Applied Physics for Industry and Engineering – *Biology*

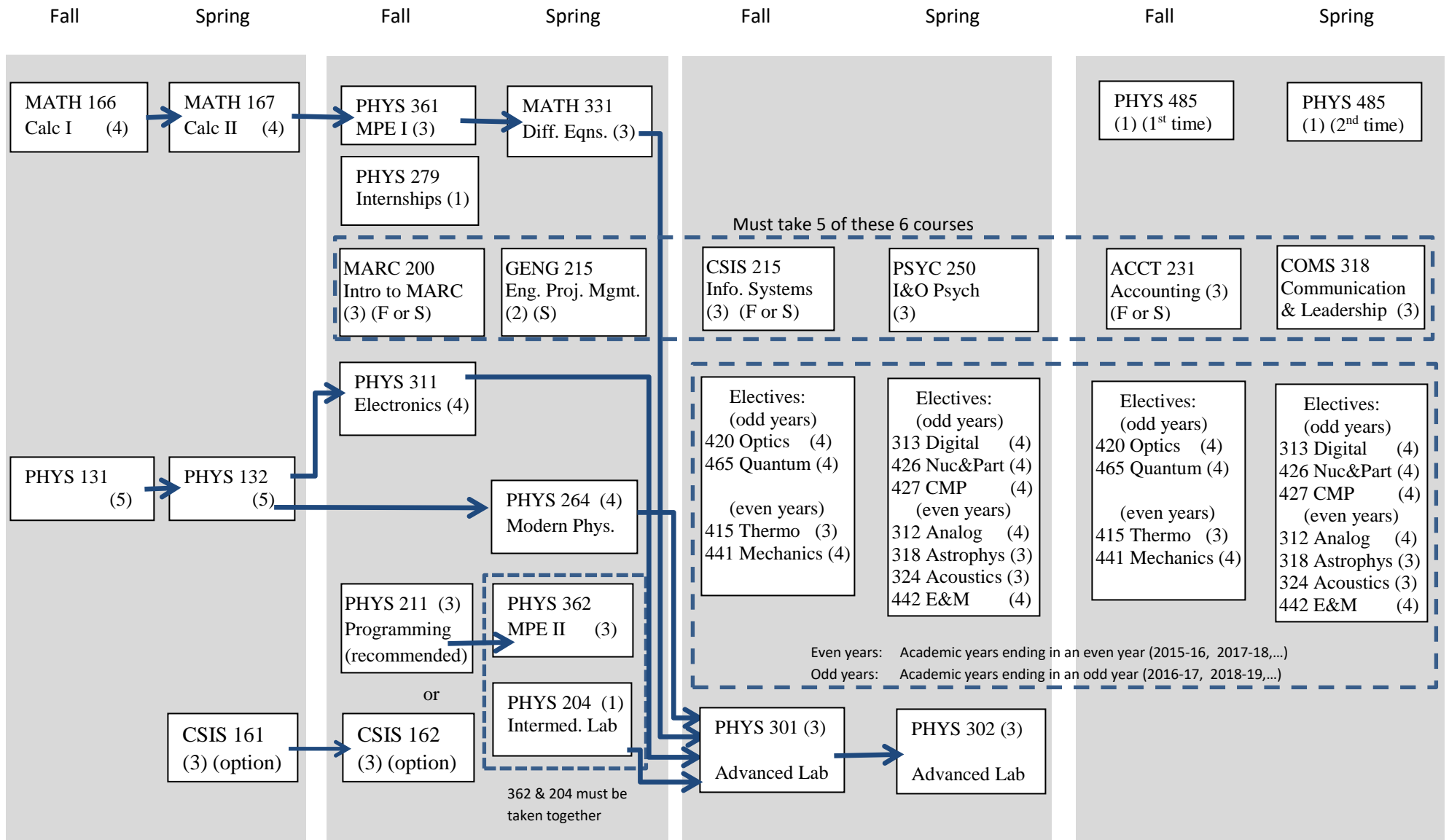
This is a chart showing a typical sequence of Physics and Math courses of an APIE major with a Biology certificate.

Electives may also be taken from courses that are part of another certificate option.

MATH 256 Linear Alg is required for PHYS 465

PHYS 465 is required for PHYS 427

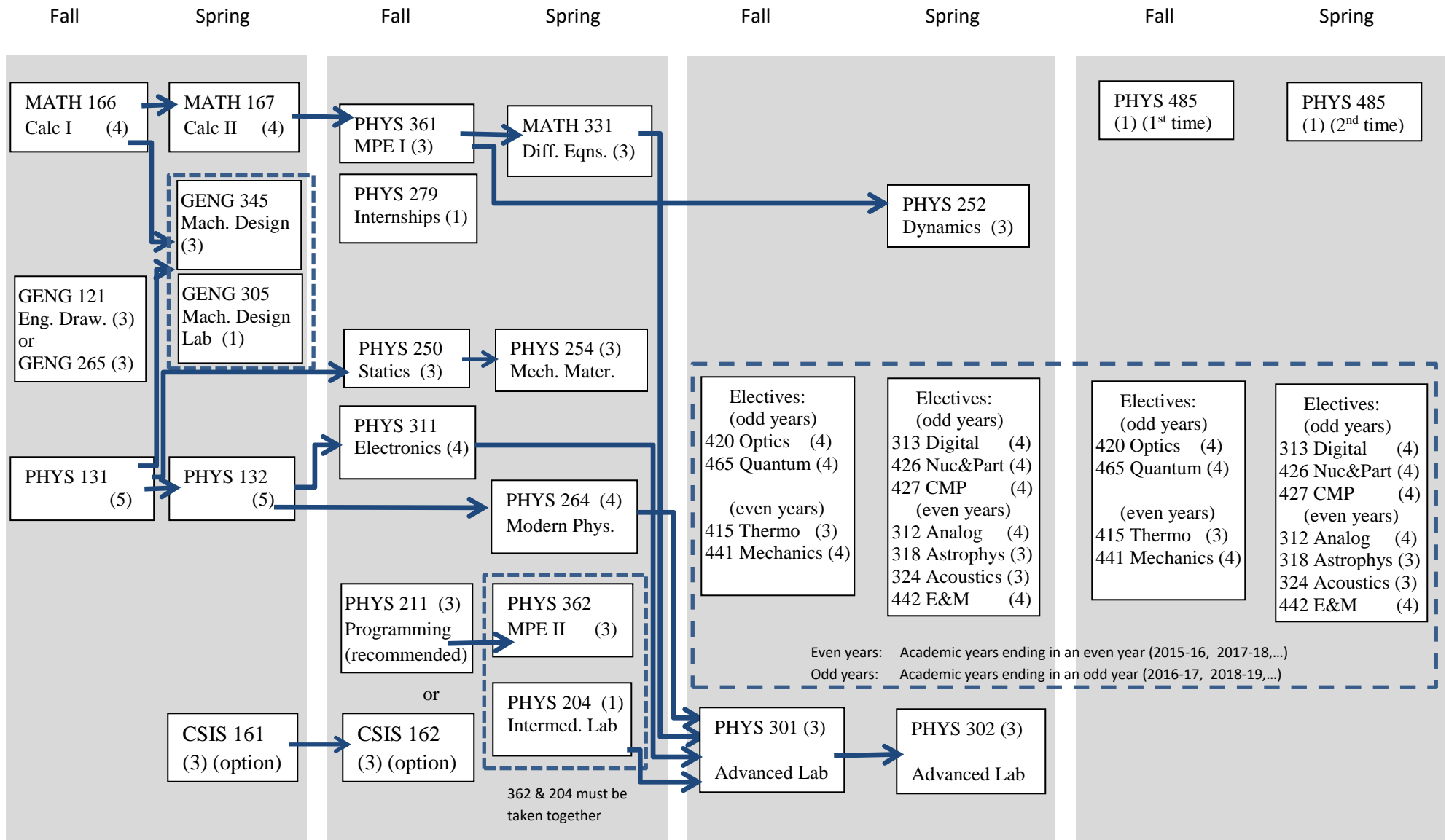
PHYS 379 Internship credit is also an elective



Physics Major: Applied Physics for Industry and Engineering – *Entrepreneurship*

This is a chart showing a typical sequence of Physics and Math courses of an APIE major with an Entrepreneurship certificate.

Electives may also be taken from courses that are part of another certificate option.
 MATH 256 Linear Alg is required for PHYS 465
 PHYS 465 is required for PHYS 427
 PHYS 379 Internship credit is also an elective



Physics Major: Applied Physics for Industry and Engineering – *Mechanical Design*

This is a chart showing a typical sequence of Physics and Math courses of an APIE major with a Mechanics certificate.

Electives may also be taken from courses that are part of another certificate option.
 MATH 256 Linear Alg is required for PHYS 465
 PHYS 465 is required for PHYS 427
 PHYS 379 Internship credit is also an elective