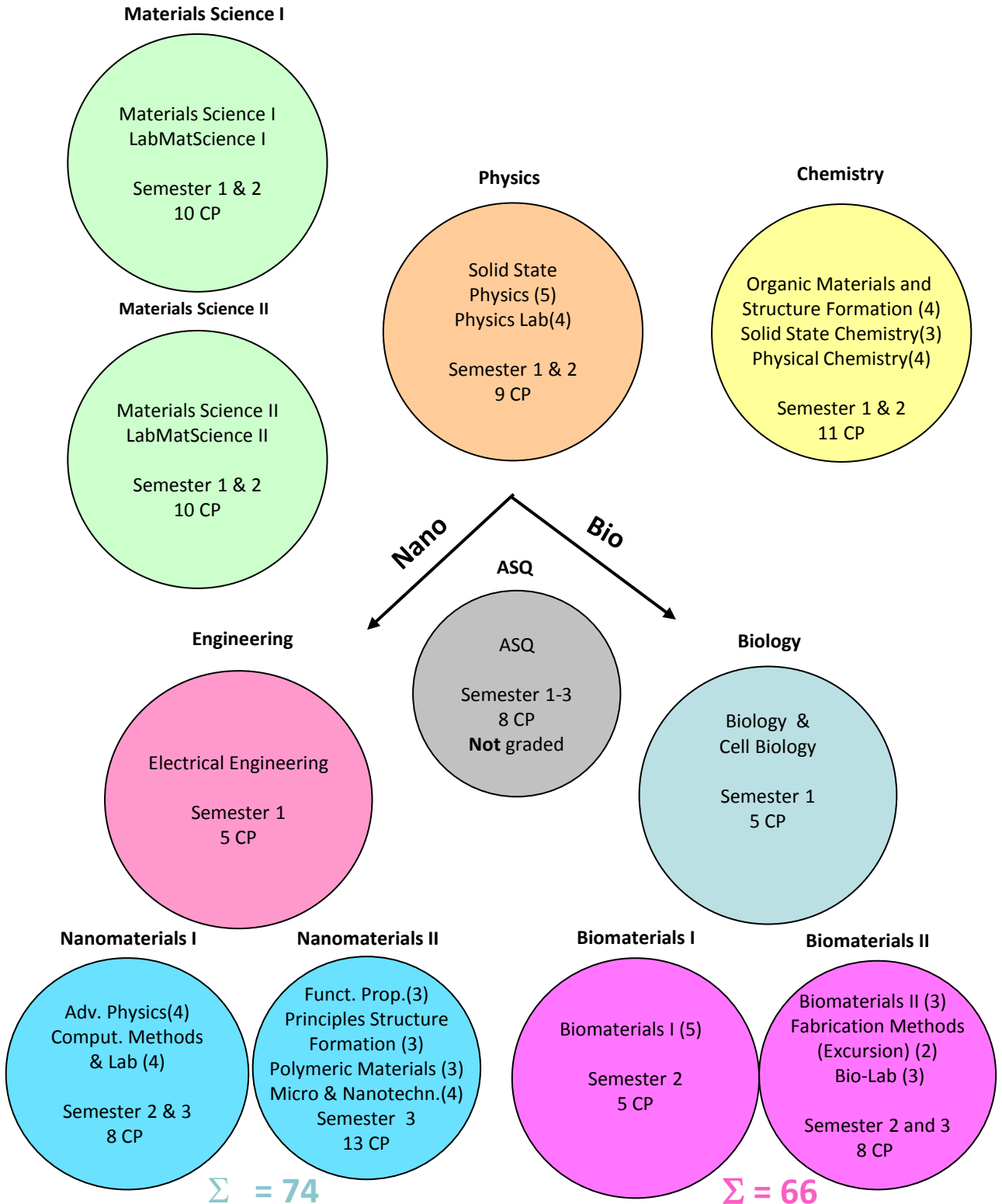


COMPULSORY MODULES



Elective Modules

Nanomaterials

Preparative-oriented: CP

- Colloids (2)
- Compound Semiconductors (6)
- Thin Films (4)

Analytical-oriented:

- Basics of TEM (2)
- Applications TEM (2)
- Mechanics of Materials (3)
- Exploring the Nanoworld (3)

Properties:

- Sensors and Actuators (5)
- Laser & Laser Matter Interactions (3)
- Micro- and Nanooptics (2)
- Surface Plasmons (2)
- Theory in Polymer Science (2)
- Organic Materials and Structure Formation (2nd year students only) (2)

Management

- Innovation Management (3)

→ Minimum of 16 CP

Biomaterials

Preparative-oriented: CP

- Colloids (2)
- Compound Semiconductors (6)
- Thin Films (4)

Analytical-oriented:

- Basics of TEM (2)
- Applications TEM (2)
- Mechanics of Materials (3)
- Exploring the Nanoworld (3)
- Cell Interactions with Biomaterials & Imaging (2)

Properties:

- Cell Mechanics and Interactions with Biomaterials (2)
- Polymers in Medicine (2)
- Biosensors (3)
- Organic Materials and Structure Formation (2nd year students only) (2)

Management

- Innovation Management (3)

→ Minimum of 24 CP