# MATH & SCIENCE FOR SECONDARY EDUCATION
## SPECIALIZATION IN PHYSICS (SED-SEP)
### TWO YEAR DEGREE MAP

## 2018–2019

### YEAR 1

#### SEMESTER 1
- **ENG 101** English Composition (3 CREDITS)
- **MAT 301** Analytic Geometry and Calculus I (4 CREDITS)
- **CHE 201** College Chemistry I (4 CREDITS)
- **PSY 100** Introduction to Psychology (3 CREDITS)

#### SEMESTER 2
- **ENG 201** Introduction to Literature (3 CREDITS)
- **MAT 302** Analytic Geometry and Calculus II (4 CREDITS)
- **PHY 215** University Physics I (4 CREDITS)
- **CHE 202** College Chemistry II (4 CREDITS)
- **EDS 201** Adolescent Development (3 CREDITS)

### YEAR 2

#### SEMESTER 3
- **PHY 225** University Physics II (4 CREDITS)
- **EDS 202** Special Topics in Secondary School (3 CREDITS)
- **ENG 391** World Literature (3 CREDITS)
- **XXX xxx** Creative Expression (3 CREDITS)

#### SEMESTER 4
- **PHY 240** Modern Physics (3 CREDITS)
- **XXX xxx** Individual and Society (3 CREDITS)
- **XXX xxx** U.S. Experiences in Its Diversity (3 CREDITS)
- **XXX xxx** World Cultures & Global Issues (3 CREDITS)
- **XXX xxx** General Electives (3 CREDITS)

**TOTAL: 60 CREDITS**

## FOOTNOTES

1. Students must be exempt from MAT 56 and MAT 206 in order to take MAT 301.
2. Students must be exempt from MAT 56 in order to take CHE 201.
3. MAT 301 must be passed in order to take MAT 302.
4. PHY 215 has a corequisite of MAT 302.
5. CHE 201 must be passed in order to take CHE 202.
6. PHY 215 and MAT 302 must be passed in order to take PHY 225.
7. PSY 100 must be passed in order to take EDS 202. EDU 202 is an alternative option. For EDU 202, EDS 201 must first be passed.
8. ENG 392, and SPE 100 or 102 are alternative options.
9. Select any Creative Expression Pathways course except SPE 100 or SPE 102.
10. PHY 225 must be passed in order to take PHY 240. PHY 240 has a corequisite of MAT 501 (meaning that both courses must be taken in the same semester). Permission will be required to take PHY 215 without taking MAT 501 from the Science department (Room N-699).
11. Please consult with an academic or faculty advisor.
12. For students who are not exempt from MAT 56 and MAT 206, MAT 206.5 can be taken to satisfy this requirement.
13. A Writing Intensive course is needed to graduate.