

Saint Joseph's University

BA Chemistry - Secondary Education Major Curriculum Requirements *(updated February 2023)*

Name _____

ID# _____

General Education Program (GEP)

Signature Courses (6 courses)

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|----|----------------------|--|----------------------|
| 1. | <input type="text"/> | EDU 150/150F: Schools in Society (First Year Seminar) | <input type="text"/> |
| 2. | <input type="text"/> | PHL 154 Moral Foundations | <input type="text"/> |
| 3. | <input type="text"/> | Theology Signature Core (THE 153, THE 154, or THE 155 will fulfill the req.) | <input type="text"/> |
| 4. | <input type="text"/> | ENG 102 Texts and Contexts | <input type="text"/> |
| 5. | <input type="text"/> | HIS 154 Forging the Modern World | <input type="text"/> |
| 6. | <input type="text"/> | Faith and Reason Course (pre-req: THE 154 and PHL 154) | <input type="text"/> |
| | <input type="text"/> | INT 151 Inequality in American Society <i>(Required for students entering Fall 2023 and later)</i> | <input type="text"/> |

Variable Courses (Number of courses vary depending on language placement)

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|-----|----------------------|---|----------------------|
| 7. | <input type="text"/> | ENG 101: Craft of Language | <input type="text"/> |
| 8. | <input type="text"/> | Art, Music/Theatre/Film, or Lit | <input type="text"/> |
| 9. | <input type="text"/> | Math (Beauty)
(MAT 155 or MAT 161) | <input type="text"/> |
| 10. | <input type="text"/> | Social/Behavioral Science: EDU 157 Adolescent Development w/field | <input type="text"/> |
| 11. | <input type="text"/> | Natural Science: CHM 120/120L General Chemistry with Lab | <input type="text"/> |
| 12. | <input type="text"/> | Non-Native Language I | <input type="text"/> |
| 13. | <input type="text"/> | Non-Native Language II | <input type="text"/> |
| 14. | <input type="text"/> | Philosophical Anthropology) (pre-req: PHL 154) | <input type="text"/> |
| 15. | <input type="text"/> | Religious Difference (THE or REL) | <input type="text"/> |

Integrative Learning Courses (3 courses)

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| 16. | <input type="text"/> | MAT 162: Calculus II or MAT 128 Applied Statistics | <input type="text"/> |
| 17. | <input type="text"/> | PHY 101/101L General Physics I or PHY105/105L University Physics I with Lab | <input type="text"/> |
| 18. | <input type="text"/> | PHY 102/102L General Physics II or PHY106/106L University Physics II | <input type="text"/> |

Overlays (All students complete 3 overlays [EI, WI, DGNW] that may be combined with other GEP requirements, major courses, or electives. Class of 2025 forward must also complete the additional Diversity Overlay)

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| <input type="text"/> | Diversity (Class of 2025 forward only) | <input type="text"/> |
| <input type="text"/> | Diversity or Global or Non-Western | <input type="text"/> |
| <input type="text"/> | Ethics-Intensive (pre-req: PHL 154) | <input type="text"/> |
| <input type="text"/> | Writing-Intensive (pre-req: ENG 101) | <input type="text"/> |

Chemistry Major Requirements

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| 19. | <input type="text"/> | CHM 125/125L: General Chemistry II with Lab |
| 20. | <input type="text"/> | CHM 210/210L: Organic Chemistry I with Lab |
| 21. | <input type="text"/> | CHM 215/215 L: Organic Chemistry II with Lab |
| 22. | <input type="text"/> | CHM 310 or 320: Physical Chemistry |
| 23. | <input type="text"/> | CHM 330/330L: Instrumental Analysis with Lab |
| 24. | <input type="text"/> | CHM 340: Biochemistry |
| 25. | <input type="text"/> | CHM 350: Inorganic Chemistry |
| 26. | <input type="text"/> | CHM 420 Environmental Chemistry |
| 27. | <input type="text"/> | ENV 106/106L Exploring the Earth |
| 28. | <input type="text"/> | BIO 165/165L Exploring the Living World |

Note: Enrollment in [CHM 390](#) Chemistry Seminar is required each semester for junior and senior chemistry majors

Education Major Requirements

Students taking courses with a field requirement also must register for EDU 999.

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| (1.) | <input type="text"/> | EDU 150 Schools in Society w/field |
| (10.) | <input type="text"/> | EDU 157 Adolescent Development w/field |
| 29. | <input type="text"/> | EDU 246 Language and Culture w/field |
| 30. | <input type="text"/> | EDU 247 Literacy in the Content Areas w/field |
| 31. | <input type="text"/> | SPE 160 Intro to Special Education w/field (pre-req: PHL 154) |
| 32. | <input type="text"/> | SPE 205 Inclusive classrooms w/field |
| 33. | <input type="text"/> | EDU 230 Assessment & Evaluation |
| 34. | <input type="text"/> | EDU 418 Instructional Techniques for Science w/field |
| 35-38. | <input type="text"/> | EDU 491 Student Teaching 7-12 (12 credits) |

Electives - Complete electives to reach the minimum 120 credits required for graduation.

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| <input type="text"/> | Any Elective | <input type="text"/> |
| <input type="text"/> | Any Elective | <input type="text"/> |

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