

**Physics minor**

2020-2021 catalog

**Student Name:** \_\_\_\_\_ **ID Number:** \_\_\_\_\_

**Minor Requirements**

| Term Completed/Planned | Grade | Credit | Course #         | Title                      |
|------------------------|-------|--------|------------------|----------------------------|
| _____                  | _____ | 5      | PHY121 and 121L: | General Physics I (NSM-L)  |
| _____                  | _____ | 5      | PHY122 and 122L: | General Physics II (NSM-L) |
| _____                  | _____ | 4      | MAT145 and 145L: | Calculus I (NSM)           |
| _____                  | _____ | 4      | MAT146 and 146L: | Calculus II (NSM)          |

Complete **three (3)** elective courses (at least 12 credits) above PHY122, chosen from:

|       |       |   |                  |   |
|-------|-------|---|------------------|---|
| _____ | _____ | 5 | PHY245 and 245L: | Modern Physics                            |
| _____ | _____ | 5 | PHY261 and 261L: | Electronics                               |
| _____ | _____ | 4 | PHY299           | Directed Study                            |
| _____ | _____ | 5 | PHY317 and 317L: | Biophysics                                |
| _____ | _____ | 5 | PHY327 and 327L: | Special Functions of Mathematical Physics |
| _____ | _____ | 4 | PHY351           | Mechanics I                               |
| _____ | _____ | 4 | PHY365           | Electricity and Magnetism                 |
| _____ | _____ | 4 | PHY430           | Introduction to Solid State Physics       |
| _____ | _____ | 4 | PHY486           | Quantum Physics                           |
| _____ | _____ | 4 | PHY499           | Independent Study                         |

Abbreviation Key: ML = Modern Language; SC = Signature Curriculum; EM = Engaging Minneapolis; AE = Augsburg Experience; KC = Senior Keystone Course; NSM = Natural Science & Mathematics - no lab; NSM-L = Natural Science & Mathematics-with lab; SBS = Social & Behavioral Science; FA = Fine Arts; HUM = Humanities

\_\_\_\_\_  
Student's Signature Date

Advisor signature below is only necessary if substitutions/waivers are made to the coursework.

\_\_\_\_\_  
Advisor's Printed Name Signature Date

Advisor(s): By signing, you indicate you have verified the accuracy of the information above. Faculty advisors must initial next to each course substitution/waiver and sign this form.