

| 2025-2026 Program Map – BS Physics- Concentration in Battery Technology and Sustainable Energy                 |         |   |         |
|--|---------|---|---------|
| YEAR 1   |         |   |         |
| TERM 1   |         | TERM 2  |         |
| Course   | Credits | Course  | Credits |
| ENGL 1101  | 3       | ENGL 1102   | 3       |
| MATH 1113  | 4       | MATH 1634   | 4       |
| Core (Area I)  | 3       | CHEM 1211/1211L   | 4       |
| (Area I) XIDS 2001 (The Physical Universe)   | 1       | Core (Area I, A, P, S) (HIST 2211 or 2212)  | 3       |
| UWG 1101   | 2       | Core (Area I, A, P, S)  | 3       |
| Core (Area I, A, P, S) (HIST 1111 or 1112)   | 3       |   |         |
| SEMESTER TOTAL   | 16      | SEMESTER TOTAL  | 17      |
| Milestones   |         | Milestones  |         |
| <ul style="list-style-type: none"> <li>Complete ENGL 1101 C or better</li> <li>Complete Area M Math</li> </ul> |         | <ul style="list-style-type: none"> <li>Complete ENGL 1102 C or better</li> <li>Complete Calculus I over the summer in order to start PHYS sequence in the fall, if needed.</li> </ul> |         |
| YEAR 2   |         |   |         |
| TERM 1   |         | TERM 2  |         |
| Course   | Credits | Course  | Credits |
| PHYS 2211/2211L  | 4       | PHYS 2212/2212L   | 4       |
| MATH 2644  | 4       | MATH 3303   | 3       |
| CHEM 1212/1212L  | 4       | MATH 2654   | 4       |
| Core (Area I, A, P, S) (POLS 1101)   | 3       | PHYS 3513   | 3       |
|  |         |   |         |
|  |         |   |         |
| SEMESTER TOTAL   | 15      | SEMESTER TOTAL  | 14      |
| Milestones   |         | Milestones  |         |
|  |         | <ul style="list-style-type: none"> <li>Complete Principles of Physics sequence</li> <li>Complete Math up to ODE</li> </ul>  |         |

This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements.

| YEAR 3                   |         |  |                           |         |
|--------------------------|---------|--|---------------------------|---------|
| TERM 1                   |         |  | TERM 2                    |         |
| Course                   | Credits |  | Course                    | Credits |
| PHYS 3503                | 3       |  | PHYS 3213                 | 3       |
| PHYS 3113                | 3       |  | PHYS 3313                 | 3       |
| Core (Area I, A, P, S)   | 3       |  | CHEM 3310K (or MATH 2853) | 4       |
| PHYS elective            | 3       |  | PHYS 3613                 | 3       |
| CHEM 3510 (or MATH 2853) | 3       |  | PHYS elective             | 3       |
|                          |         |  |                           |         |
| SEMESTER TOTAL           | 15      |  | SEMESTER TOTAL            | 16      |
| <b>Milestones</b>        |         |  | <b>Milestones</b>         |         |
|                          |         |  |                           |         |
| YEAR 4                   |         |  |                           |         |
| TERM 1                   |         |  | TERM 2                    |         |
| Course                   | Credits |  | Course                    | Credits |
| PHYS 3813                | 3       |  | PHYS 4624                 | 4       |
| Core (Area I, A, P, S)   | 3       |  | Elective                  | 3       |
| PHYS elective            | 3       |  | PHYS elective             | 3       |
| Elective                 | 3       |  | Elective                  | 3       |
| Elective                 | 3       |  | Elective                  | 1       |
|                          |         |  |                           |         |
| SEMESTER TOTAL           | 15      |  | SEMESTER TOTAL            | 14      |
| <b>Milestones</b>        |         |  | <b>Milestones</b>         |         |
|                          |         |  |                           |         |

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