NUCLEAR ENGINEERING, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 academic year. To access previous years’ suggested academic plans, please visit the archive (https://bulletins.psu.edu/undergraduate/archive/) to view the appropriate Undergraduate Bulletin edition (Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin).

Nuclear Engineering, B.S. at University Park Campus

The course series listed below provides only one of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an Academic Requirements or What If report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

If you are starting at a campus other than the one this plan is ending at, please refer to: http://advising.engr.psu.edu/degree-requirements/academic-plans-by-major.aspx

<table>
<thead>
<tr>
<th>First Year</th>
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<td>CHEM 110 (GN)**†</td>
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<td>ENGL 15, 30H, or ESL 15 (GWS)**†</td>
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<td>PHYS 211 (GN, PHYSICS 211L &amp; PHYSICS 211R)**†</td>
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<td>EDSGN 100**</td>
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<td>EMCH 212</td>
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<td>EMCH 213 or 213D</td>
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<td>MATH 230</td>
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<td>ME 320</td>
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Nuclear Engineering Elective (NETE): Select from NUCE program lists.

Fourth Year

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<td>NUCE 431W</td>
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<td>NUCE 403</td>
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<td>General Technical Elective (GTE)</td>
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<td>Nuclear Engineering Elective (NETE)</td>
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<td>General Education Course†</td>
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|                     | 15      |        | 16       |            |            |

Total Credits 129

* Course requires a grade of C or better for the major
† Course requires a grade of C or better for General Education
# Course is an Entrance to Major requirement
‡ Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fulfill audit requirements. Foundations courses (GWS and GQ) require a grade of ‘C’ or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and replace both ENGL 30H and CAS 100. Each course is 3 credits.

College Notes:

- **General Technical Elective (GTE):** Select from NUCE program lists. Students who complete the ROTC Program may substitute 3 ROTC credits for the GHW requirement and 3 ROTC credits for the GTE requirement. Students who complete three co-op rotations may substitute 3 co-op credits for the GTE requirement.
- **Health and Physical Activity Elective:** Students who complete the ROTC Program may substitute 3 ROTC credits for the GHW requirement and 3 ROTC credits for the GTE requirement.
- **Nuclear Engineering Elective (NETE):** Select from NUCE program lists.

**These courses offered at University Park in fall semester only:**
- NUCE 301
- NUCE 309
• NUCE 310W
• NUCE 403
• NUCE 430
• NUCE 451

• These courses offered at University Park in spring semester only:
  • NUCE 302
  • NUCE 431W
  • NUCE 450