

RAIL TRANSPORTATION ENGINEERING, B.S.

Begin Campus: Any Penn State Campus

End Campus: Altoona

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2021-22 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 contain suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Rail Transportation Engineering, B.S. at Altoona 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.

First Year

| Fall | Credits Spring | Credits |
|-------------------------------|--|-----------|
| MATH 140 ^{†#†} | 4 MATH 141 ^{*#} | 4 |
| ECON 102 or 104 ^{††} | 3 CAS 100 [‡] | 3 |
| CHEM 110 ^{†#†} | 3 PHYS 211 ^{*†#†} | 4 |
| CHEM 111 [*] | 1 ENGL 15, 30H, or ESL 15 [‡] | 3 |
| EDSGN 100 | 3 General Education Course | 3 |
| PSU 3 | 1 | |
| General Education Course | 3 | |
| | 18 | 17 |

Second Year

| Fall | Credits Spring | Credits |
|--------------------------|--------------------------|-----------|
| MATH 251 | 4 MATH 220 | 2 |
| PHYS 212 [†] | 4 CMPSC 201 | 3 |
| EMCH 211 [*] | 3 EMCH 212 [*] | 3 |
| GEOSC 1 | 3 EMCH 213 [*] | 3 |
| General Education Course | 3 ENGL 202C [‡] | 3 |
| | General Education Course | 3 |
| | 17 | 17 |

Third Year

| Fall | Credits Spring | Credits |
|----------------------|------------------------|-----------|
| CE 310 | 3 CE 335 [*] | 3 |
| RTE 301 | 3 CE 336 [*] | 3 |
| RTE 303 [*] | 3 CE 337 | 1 |
| RTE 305 [*] | 3 CE 360 | 3 |
| STAT 401 | 3 RTE 302 [*] | 3 |
| | RTE 402 | 3 |
| | 15 | 16 |

Fourth Year

| Fall | Credits Spring | Credits |
|----------------------|----------------------------|-----------|
| CE 333W [*] | 3 ACCTG 211 | 4 |
| CE 340 [*] | 3 RTE 406 | 4 |
| CE 332 [*] | 3 Technical Elective | 3 |
| RTE 403 | 3 General Education Course | 3 |
| RTE 404 | 3 General Education Course | 3 |
| RTE 497 | 1 | |
| | 16 | 17 |

Total Credits 133

- * 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 University Requirements (United States and International Cultures).

W, M, 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.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.