

Academic Plan for Engineering Programs

<u>Recommended Courses</u>	<u>Credits</u>	<u>Recommended Courses</u>	<u>Credits</u>
*ENG 101 College Writing and Critical Reading	3	*EGR 105 Engineering Fundamentals	3
*ENG 102 Critical Writing, Reading & Research	3	EGR 110 Engineering Graphics	3
*MAT 110 College Algebra	3	EGR 111 Solid Modeling & Design	1
*MAT 113 Trigonometry	2	*EGR 201 Statics	3
*MAT 221 Calculus and Analytic Geometry I	5	*EGR 202 Dynamics	3
*MAT 222 Calculus and Analytic Geometry II	5	*EGR 203 Mechanics of Materials	4
*MAT 223 Calculus and Analytic Geometry II	5	*EGR 282 Engineering Economics	3
or *MAT 234 Calculus of Several Variables	3	*EGR 263 Thermodynamics	3
*MAT 271 Ordinary Diff. Equations	3	*CHE 165 Engineering for Engineers	5
*PHY 201 University Physics I	5	or *CHE 145 General Chemistry I	5
and *PHY 202 University Physics II	5	and *CHE 155 General Chemistry II	5

*These courses have pre-requisites that must be met prior to enrolling in the course. Please consult the course schedule to review pre-requisites. Pre-requisites can be met by taking the UW System Placement Test or with AP Scores or a prior college course (unofficial transcript needed if taken somewhere other than UW Colleges).

NOTES:

1. **Requirements do vary slightly for different types of engineering and for different universities. You are responsible for consulting the university to which you plan to transfer for details.**
2. Courses listed on this plan are based on availability online, additional courses may be available through other UW Colleges campuses.
3. Please consult your advisor for assistance in course selection and transfer planning.

You are responsible for your academic plan. If you are transferring to a campus within the University of Wisconsin System, consult the Transfer Wisconsin website at <https://www.wisconsin.edu/transfer> regularly for updates. Confirm your academic plan with an advisor at the campus to which you plan to transfer.

This plan is subject to change without notice. Review your progress periodically with an advisor.