

Student #

Date

Catalog

Entered OU

Student Last Name(s)

Student First Name(s)

GENERAL EDUCATION REQUIREMENT - Requires one course in each area. Natural Science and Technology, Formal Reasoning, and Knowledge Application areas met with Math/Science Requirements.

See catalog for a list of General Education courses.

	OU Course	Cr.	Grd.	Transfer	Sem.	Rpt.
Arts (4)						
Foreign Language and Culture (4)						
Literature (4)						
Western Civilization (4)	Required: PHL 104/1310					
Social Science (4)						
Global Perspectives (4)						
Writing Foundations: Comp II (4)	WRT 160/1060					

General Education Total Credits:

GENERAL EDUCATION THAT MAY BE DOUBLE COUNTED - Courses that may be used to satisfy other degree requirements.

	OU Course	Grade	Transfer	Sem.	Rpt.
U.S. Diversity					
Writing Intensive in General Education					

MATH/SCIENCES REQUIREMENT - Requires completion of the following courses.

*Denotes requirement for major standing.

	OU Course	Cr.	Grd.	Tran.	Sem.	Rpt.
MTH 154/1554: Calculus I (4)*						
MTH 155/1555: Calculus II (4)*						
MTH 254/2554: Multivariable Calculus (4)						
APM 255/2555: Intro DiffEQ w. Matrix Alg. (4)*						
PHY 161/1610: Fundamentals of Physics I (4)*						
PHY 162/1620: Fundamentals of Physics II (4)*						

CHEMISTRY REQUIREMENT - Requires completion of the following courses.

*Denotes requirement for major standing.

	Cr.	Grd.	Transfer	Sem.	Rpt.
CHM 144/1440: General Chemistry I (4)*					
CHM 147/1470: General Chemistry Lab I (1)*					
CHM 145/1450: General Chemistry II (4)*					
CHM 148/1480: General Chemistry Lab II (1)*					
CHM 234/2340: Organic Chemistry I (4)					
CHM 235/2350: Organic Chemistry II (4)					
CHM 237/2370: Organic Chemistry Laboratory (2)					
CHM 325/3250: Analytical Chemistry (4)					
CHM 342/3420: Physical Chemistry I (4)					
CHM 343/3430: Physical Chemistry II (4)					
CHM 348/3480: Physical Chemistry Laboratory (2)					
CHM 471/4710: Structure and Synthesis of Polymers (3)					
Lecture or Laboratory course above CHM 400/4000 (3)					

ENGINEERING CORE REQUIREMENT - Requires completion of the following courses.

*Denotes requirement for major standing.

	Cr.	Grd.	Transfer	Sem.	Rpt.
EGR 120/1200: Engineering Graphics and Design (1)*					
EGR 141/1400: Computer Problem Solving in EGR and CS (4)*					
EGR 240/2400: Intro to Electrical and Computer Engineering (4)*					
EGR 250/2500: Intro to Thermal Engineering (4)*					
EGR 260/2600: Intro to Industrial and Systems Eng. (4)*					
EGR 280/2800: Design and Analysis of Electromech. Systems (4)*					
ME 331/3500: Intro to Fluid and Thermal Energy Transport (4)					

CAPSTONE - Requires either ME 492/4999 (4) or CHM 491/4996 (3)

	Cr.	Grd.	Transfer	Sem.	Rpt.

ADDITIONAL REQUIREMENTS - Requires two courses for a minimum of 8 credits, selected from the following:

ME 4500, 4510, 4520, 4540, 4550, or ECE 4400.

	Cr.	Grd.	Transfer	Sem.	Rpt.

Important Notes:

Major Standing Requirements

Students must be approved for major standing before taking any 3000-/4000-level ME or ECE courses.

- Successful completion or registration of all courses denoted with an asterisk*.
- Minimum 2.0 GPA in each group: Math/Science and EGR Core.
- No more than 2 grades below C in the courses denoted with an asterisk*.
- No more than 3 courses denoted with an asterisk* may be repeated.

Graduation Requirements

- Minimum 2.0 GPA in engineering and CHM courses.
- Minimum 2.0 GPA in MTH and PHY courses.
- Complete a minimum of 128 total credits including a minimum of 40 credits of Gen Eds.
- Students should submit a **preliminary graduation review** form at least one semester before graduation to the SECS Advising Office.

Adviser Notes:

FREE ELECTIVES - Courses taken in addition to degree requirements.

OU Course	Credits	Grd.	Transfer	Semester

This worksheet is for advising purposes only and is not meant to be an official audit of record. Students are responsible for verifying major requirements and for reading the undergraduate catalog for all requirements necessary for degree completion at Oakland University.