EAS 1 Engineering Co-op Work Period
1 cr. Undergraduate.
One semester work period in an industrial environment.
Prerequisites: prior cons co-op dir.
Course Rules: Considered full time for FA purposes. Cr/No cr only. May be retaken but only 3 cr count toward graduation.
Last Taught: Spring 2022, Fall 2021, Summer 2021, Spring 2021.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 100 CEAS Freshman Orientation
1 cr. Undergraduate.
An introduction to problem solving in engineering and computer science.
Prerequisites: none.
Course Rules: Credit/No Credit grading option only.
Last Taught: Fall 2021, Fall 2020, Fall 2019, Fall 2018.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 110 Fundamentals of Smart Systems Engineering I
2 cr. Undergraduate.
Electrical sources, resistance, Kirchhoff's laws, Resistive sensors, application, introduction to robotics, laboratory experiments and projects.
Prerequisites: MATH 115(C).
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 200 Professional Seminar
1 cr. Undergraduate.
Professional orientation and career planning. Current issues in the profession.
Prerequisites: none.
Course Rules: Credit/No Credit grading option only.
Last Taught: Spring 2022, Fall 2021, Spring 2021, Fall 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 210 Fundamentals of Smart Systems Engineering II
2 cr. Undergraduate.
Electrical capacitance, inductance, simple circuit application, diodes, opamps, digital logic, microcontroller basics, laboratory experiments and projects.
Prerequisites: EAS 110(P).
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 290 Topics in Engineering and Applied Science
1-3 cr. Undergraduate.
Lectures on new introductory material in engineering and applied science. Variable-content course.
Prerequisites: specified in semester Schedule whenever required for topic.
Course Rules: May be retaken with change in topic.
Last Taught: Spring 2022, Fall 2021, Spring 2021, Spring 2020.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 297 Study Abroad:
1-5 cr. Undergraduate.
Designed to enroll students in UWM sponsored program. Course work, content, and credits determined at the time of offering.
Prerequisites: acceptance to Study Abroad Prog; cons CEAS assoc dean for academic prog.
Course Rules: Retakable with change in topic to 12 cr max.
Last Taught: Fall 2021, Fall 2018, Spring 2018, Fall 2017.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 299 Independent Study
1-3 cr. Undergraduate.
Independent study on a topic of choice. Credit hours to be arranged between student and staff on an individual basis.
Prerequisites: cons instr.
Course Rules: May be retaken for degree cr.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 350 Senior Leadership Seminar
1 cr. Undergraduate.
Elements of historical and modern social and professional leadership, preparing for a leadership position in industry, leadership and entrepreneurship, engineering management techniques.
Prerequisites: sr st.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 497 Study Abroad:
1-5 cr. Undergraduate/Graduate.
Designed to enroll students in UWM sponsored program. Course work, level, content, and credits determined at the time of offering.
Prerequisites: acceptance to Study Abroad Prog; cons CEAS assoc dean for academic prog.
Course Rules: May be retaken w/chg in topic to 12 cr max for undergrad & 9 cr max for grad.
Last Taught: Spring 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 497G Study Abroad:
1-5 cr. Undergraduate/Graduate.
Designed to enroll students in UWM sponsored program. Course work, level, content, and credits determined at the time of offering.
Prerequisites: acceptance to Study Abroad Prog; cons CEAS assoc dean for academic prog.
Course Rules: May be retaken w/chg in topic to 12 cr max for undergrad & 9 cr max for grad.
Last Taught: Spring 2020, Fall 2019.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 701 Effective Academic Writing
1 cr. Graduate.
Principles and practices for effective academic research writing.
Prerequisites: graduate standing.
Course Rules: Counts as a repeat of MECHENG 890 with similar topic.
Current Offerings: https://catalog.uwm.edu/course-search/

EAS 702 Preparing Future Engineering Faculty & Professionals
2 cr. Graduate.
A survey of the graduate student experience and of academic and professional life after graduation.
Prerequisites: graduate standing.
Course Rules: Counts as a repeat of MECHENG 890 with similar topic.
Current Offerings: https://catalog.uwm.edu/course-search/
EAS 710 Managing Human Resources and Teams
3 cr. Graduate.
A survey of the major functions and processes of human resource
management and team management covering talent acquisition,
development, management, evaluation, and optimization and foundations
of team building and management.
Prerequisites: graduate standing.
Current Offerings: https://catalog.uwm.edu/course-search/