Undergraduate Program Map Mechanical Engineering Written Communication Diff Calc Ideas to Innovation I **Gen Chem** MA 16500 (QR) ENGR 13100 (IL1) CHEM 11500 (S) Elective (WC1) **FYE** Semester 1/2 **Integ Calc Modern Physics** Ideas to Innovation II Oral Communication Science Elective MA 16600 PHYS 17200 (S) ENGR 13200 Elective (OC1) CS, BIOL, CHEM Semester Statics Thermo I **Global Engr Seminar** Graphics for Mfg. **Multi-var Calc Elect & Optics** ME 27000 ME 20000 ME 29000 (STS) 3 MA 26100 PHYS 241 **CGT 163** CR: MA 26100 CR: MA 26100 PR: ME Status Semester Linear Alg/ **Dynamics ME Design Innovation & Entrp Linear Circuit Analysis** World/Culture Ord Diff Ea. ME 27400 ME 26300 (IL2, OC2, WC2) 4 ECE 20100 & ECE 20700 (L) Elective (H) CR: MA 26200 CR: MA 26200 MA 26200 Fluid Mechanics Semester Part Diff Eq. **Systems & Measure** Mech. of Materials Econ Elective (BSS) ME 30900 (L) 5 ME 36500 (L) MA 30300 ME 32300 PR: MA 26200 Struc & Prop of Matls Sys Model & Analysis Semester **Machine Design I** MSE 23000 Thermo II Tech Elective Gen Ed Elective ME 37500 6 PR: CHEM 11500, MA16500 ME 35200 ME 30000 **Heat & Mass Transfer** Semester ME 31500 (L) **Automated Control Sys** Gen Ed Elective Tech Elective PR: MA 30300 Free Elective ME 47500 (L) **Engineering Design** Semester Machine Design II ME 46300 Tech Elective Tech Elective Gen Ed Elective Gen Ed Elective 8 ME 45200 (IL3, OC3, WC3) ME 463 MUST be taken in the last semester before you graduate! Last updated Feb 2018 School of Mechanical Engineering Mechanical Prerequisite (PR) **Mathematics** 585 Purdue Mall, Room 2008 Design **Sciences**

West Lafayette, IN 47907 **Restricted Elective** Phone: (765) 494-5689 Pick 2 of 3 Systems, Coreauisite (CR) Thermal/Fluid Measurements, Other Email: meundergrad@purdue.edu **Sciences** & Controls Website: purdue.edu/ME