

## Minor in Material Science and Engineering

Department	Minor Requirements (19 credit hours)
	<b>Core (10 credit hours)</b>
Chemistry	General Chemistry I (CHE 201)
Engineering	Engineering Materials (EGR 303)
Physics	Introductory Physics with Calculus I (PHY 203)
	<b>Electives (9 credit hours) – Select any three (must meet pre-requisites)</b>
Chemistry	Organic Chemistry (CHE 301) Physical Chemistry (CHE 401) Bio-inorganic Chemistry (CHE 512)
Engineering	Mechanics of Materials (EGR 304) Survey of Nanotechnology (EGR 406) Electronic and Photonic Devices (ELN 471) <b>Semiconductor Electronics (ELN 404) – Sub for EGR 304</b>
Physics	Modern Physics I (PHY 211) Modern Physics II (PHY 212) Advanced Experimental Physics (PHY 515)
Biology	Human Physiology (BIO 336) Gene Expression and Control (BIO 412) General and Cellular Physiology (BIO 503)