

Master of Engineering Course Schedule

	Fall Semester	Spring Semester	Fall Semester	Spring Semester
	2016	2017	2017	2018
AREAS	Core Courses	Core Courses	Core Courses	Core Courses
1. Materials Science and Engineering	ENGR 530	ENGR 500/520	ENGR 530	ENGR500/520
2. Sustainable Systems Engineering	ENGR 550	ENGR 570	ENGR 550	ENGR 570
3. Engineering Management	ENGR 540	ENGR 560	ENGR 540	ENGR 560
TRACKS	Technical Electives	Technical Electives	Technical Electives	Technical Electives
· Advanced Engineering Materials	MEEN 563	MEEN 565	MEEN 552	MEEN 551
· Electronic Matls and Processing	ELEN 526	ELEN 544	ELEN 541	ELEN 536
· Environmental and Water Res.	CIEEN 511	CIEEN 512	CIEEN 515	CIEEN 516
· Thermal Science	MEEN 574	MEEN 578	MEEN 579	MEEN 581
· Telecommunications/Comp. Net	ELEN 521	ELEN 522	ELEN 523	ELEN 533
Dual Courses for Areas 1, 2, and 3	Technical Elective (Dual Course)	Technical Elective (Dual Course)	Technical Elective (Dual Course)	Technical Elective (Dual Course)
	CIEEN 475	CIEEN 421	CIEEN 462	ELEN 419
	ELEN 405		ELEN 418	MEEN 430
	MEEN 421			
Graduate Seminar for Areas 1, 2, and 3		ENGR 577		ENGR 577

ENGR 500 – Probability and Statistics for Engineers

ENGR 520 – Advanced Engineering Math

ENGR 530 – Advanced Computer Applications for Engineers

ENGR 540 – Fundamental of Engineering Materials

ENGR 560 – Optimization Theory and Methods

ENGR 550 – Numerical Methods For Engineering Applications

ENGR 570 – Engineering Management Methods