BS IN MATERIALS SCIENCE ENGINEERING (4-Year Program; 1 Co-op) [New - AY 2018-19]

Year	Fall	Lec Lab Cr	Grade Winter	Lec Lab Cr	Grade	Spring	Lec Lab Cr	Grade	Summer	Lec Lab (Cr Gra	adeTot	al Cr
ı	MATH 121 - Calculus I CHEM 101 - General Chemistry I UNIV E101 - The Drexel Experience (GE) ENGL 101 - Comp. & Rhet I: Inq & Exp. Res. (GE) ENGR 111 - Intro to Engineering Design & Data	4.0 3.5 1.0 3.0 3.0 14.5	CIVC 101 - Intro. to Civic Engagement (GE) PHYS 101 - Fund. of Physics I CHEM 102 - General Chemistry II ENGR 131 or 132 - Intro. Progr. for Eng./Progr. for Eng.	4.0 1.0 4.0 4.5 g. 3.0 16.5		MATH 200 - Multivar. Calculus Undes. Gen Ed. #1 - (GE) PHYS 102 - Fund. of Physics II ENGL 102 - Comp. & Rhet. II (GE) ENGR 113 - First Year Engineering Design	4.0 3.0 4.0 3.0 3.0 17.1					48	8.0
II	PHYS 201 - Fund. of Physics III ENGR 220 - Fund. of Materials ENGR 231 - Linear Enging. Systems Free Elective #1 - BIO 107 - Cells, Genetics & Physiology BIO 108 - Cells, Genetics & Physiology Laboratory	4.0 4.0 3.0 3.0 3.0 1.0	MATE 221 - Intro. to Mech. Beh. Mat'ls. ENGR 232 - Dyn. Eng'ng. Systems CHEM 241 - Organic Chemistry I ENGL 103 - Comp. & Rhet. III: Themes & Genres (GE	3.0 3.0 3.0 4.0 3.0		ECON 201 - Prin. of Microeconomics (GE) Undes. Gen. Ed. #2 - (GE) Undes. Gen. Ed. #3 - (GE) Tech. Elective/Track #1 -	4.0 0.0 4.0 3.0 0.0 3.0 3.0 0.0 3.0 3.0 0.0 3.0 4.0 3.0		ECON 202 - Prin. of Macroeconomics (GI PHIL 315 - Engineering Ethics (GE) Tech. Elective/Track #2 - Free Elective #2 -	3.0 0.0 3 3.0 0.0 3 3.0 0.0 3	3.0 3.0	60	0.0
III	MATE 214 - Intro. to Polymers MATE 240 - Thermo. of Materials MATE 355 - Struct. & Charact'n. MATE 280 - Adv. Mat'ls. Lab. MATE 370 - Mech. Beh. of Solids	4.0 0.0 4.0 4.0 0.0 4.0 3.0 0.0 3.0 2.5 3.0 4.0 3.0 0.0 3.0 18.0	MATE 341 - Defects in Solids MATE 315 - Proc. of Polymers MATE 351 - Electr. & Photon. Props.	4.0 0.0 4.0 3.0 0.0 3.0 3.0 3.0 4.5 4.0 0.0 4.0		INDUSTRY			INDUSTRY			3:	3.5
IV	MATE 491 - Senior Proj. Design I (WI) MATE 366 - Proc. of Metallic Mat'ls. (WI) MATE 455 - Biomedical Materials MATE 460 - Eng'ng. Comput. Lab. CHE 350 (335 previously) - Stat. & Design of Exp'ts.	1.0 2.0 2.0 3.0 3.0 4.5 3.0 0.0 3.0 2.0 4.0 4.0 3.0 0.0 3.0 16.5	MATE 345 - Proc. of Ceramics CHEC 353 - Phys. Chem. & Apps. III Tech. Elective/Track #3 -	1.0 4.0 3.0 3.0 3.0 4.5 4.0 0.0 4.0 3.0 0.0 3.0 14.5		MATE 493 - Senior Proj. Des. III (WI) MATE 410 - Case Studies in Mat'ls. Undes. Gen. Ed. #4 - (GE) Tech. Elective/Track #4 -	1.0 4.0 3.0 3.0 0.0 3.0 3.0 0.0 3.0 3.0 0.0 3.0 12.0						3.0

NOTES

Undesignated General Education (GE): Any 3 non-technical courses of 3 credits or more. See: http://www.drexel.edu/coe/resources/current_undergrad/electives/liberal_studies_electives/
Technical Elective/Track: Any upper level Math, Science or Engineering course, consistent with the recommendations for one of the MSE Tracks and approved by the corresponding Track Coordinator.

Students: Use "Fill" colors to indicate the status of your courses.

Green: Courses Completed
Red: Courses with an F. INC or NGR
Yellow: Courses being taken in current AY
Blue: Courses to be taken in the future

New ENGR/Other courses.

Courses with changed years or terms offered.

Changes to existing MATE courses.

Other

Advisor:	Sign an	d date	below	after	advising	meeting	each	year
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Year I:		
Year II:		
Year III:		
Year IV:		

Advisor Comments/Notes:			
Student ID#:			