University of San Diego SHILEY-MARCOS SCHOOL OF ENGINEERING

University of San Diego Shiley-Marcos School of Engineering

GE -Engineering and the Law Concentration Degree Plan(2018/19 catalog)

First Year				
Fall			**Spring**	
ENGR 101: Introduction to Engineering	**3**		ENGR 102: Electromechanical System Design	**3**
MATH 150: Calculus I	**4**		PHYS 270/270L: Mechanics +lab	**4**
ENGR 121: Engr Prog.	**3**		MATH 151: Calculus II	**4**
Core Curriculum	**3**		CHEM 151/L: Chem +lab	**4**
Core Curriculum	**3**		Core Curriculum	**3**
Total Hours	**16**		**Total Hours**	**18**
Second Year				
Fall			**Spring**	
ENGR 103: User-Centered Design	**3**		COMP 120: Prog. Abstractions & Methods	**3.5**
MATH 310: Applied Math for Engineering	**3**		GENG 288: Integrated Approach to EE	**4**
PHYS 271/L: Intro to Electricity & Magnet. +lab	**4**		MENG 210: Statics	**3**
Core Curriculum	**3**		MENG 260: Intro to Thermal Sciences	**3**
Core Curriculum	**3**		MATH 250: Calculus III	**4**
Total Hours	**16**		**Total Hours**	**17.5**
Third Year				
Fall			**Spring**	
ENGR 311: Engineering Materials Science	**3**		GENG 360: Experimental Engineering	**4**
GENG 350: Engineering and Social Justice	**3**		ISYE 380: Sustainability and Engineering	**3**
ISYE 330: Engineering Probability and Statistics	**3**		Concentration: Upper Div ENGR	**3**
COMP 280: Intro to Computer Systems	**3.5**		Concentration elective	**3**
ENGR 465: Forensic Engineering	**3**		Core Curriculum	**3**
Total Hours	**15.5**		**Total Hours**	**16**
Fourth Year				
Fall			**Spring**	
GENG 491: Engineering Senior Design I	**4**		GENG 492: Engineering Senior Design II	**3**
Concentration: Upper Div ENGR	**3**		Concentration elective	**3**
GENG 460: Law for Engineers	**3**		Concentration elective	**3**
Core Curriculum	**3**		Core Curriculum	**3**
Core Curriculum	**3**		Core Curriculum	**3**
Total Hours	**16**		**Total Hours**	**15**
Final Semester				
Fall				
COMM 203: Public Speaking	**3**		**Total GENG Degree Hours**	**147**
Concentration elective	**3**			
Math/Sci Elective	**3**			
Free Elective	**3 to 9**			
Total Hours				