

**PROGRESSIVE DEGREE PROGRAM  
COURSE PLAN TEMPLATE**

**Masters Degree – Health Systems Management Engineering  
Progressive Degree Option**

The Master of Science in Health Systems Management Engineering prepares students for leadership positions in the healthcare industry. Hospitals and the healthcare system are in desperate need of redesign from a cost, quality and productivity standpoint. Employers are seeking the skills offered in this degree. Jobs are often in management, consulting, performance improvement or technology. Healthcare is the largest industry and needs people able to help improve operations. You will learn how healthcare works and how to make it better for everyone by doing projects at hospitals and clinics. Courses are from three schools; the Daniel J. Epstein Department of Industrial and Systems Engineering, the Keck School of Medicine of USC and the USC Sol Price School of Public Policy.

**Required Courses – (20 units)**

ISE 505 Modeling for Health Policy and Medical Decision Making (4)

ISE 508 Health Care Operations Improvement (4)

ISE 509 Practicum in Health Care Systems (4)

ISE 504 Management of Change in Health Care Systems (4) or ISE 564 Performance Analysis (4)

PM 508 Health Service Delivery in the U.S. (4)

**\*Total Units Required for the Health Systems Management Engineering PDP degree: 20**

