

Certificate in Healthcare Systems Engineering

This certificate allows those engineering students who are interested in working in healthcare to attain specific skills that will help them in securing a healthcare position and being successful in the position. The healthcare field is very different than manufacturing, service, utilities, financial, etc. There is an entirely different language and culture in healthcare targeted toward patient safety and health. Students who complete the certificate will have a credential that will open up access to working in the healthcare field as an engineer.

Code	Title	Hours
INSY 5650	Healthcare Systems, Culture, and Policy	3
INSY 5660	Healthcare Operations	3
INSY 5670	Human Factors in Healthcare	3
INSY 5250	Project Management	3
or INSY 5330	Six Sigma	
or INSY 5500	Modern Tools for Data Analytics and Modeling	
or INSY 5550	Decision Support Systems for Operations	
or INSY 5800	Lean Systems	
Total Hours		12