

All courses are subject to change in terms of availability, credits, pre-requisites, etc. - consult with your Program Advisor

Pre-requisites	Healthcare Systems Engineering Core Courses		Credits	Summer	Fall	Spring
None	655.662	Introduction to Healthcare SE	3	x	x	x
None	655.667	Management of Healthcare Systems Projects	3	x	x	x
662, 667	655.767	Healthcare Systems Engineering Conceptual Design	3	x	x	x
662, 667, 767	655.768	Healthcare Systems Engineering Design and Integration	3	x	x	x
662, 667, 767, 768	655.769	Healthcare Systems Engineering Test and Evaluation	3	x	x	x
662, 667, 767, 768, 769	655.800	Healthcare Systems Engineering Capstone Project	3	x	x	x

Healthcare Systems Engineering Elective Courses

Consult catalog	585.613	Medical Sensors and Devices	3			
None	585.619	Regulation of Medical Devices	3			x
TBD	655.771	Healthcare Systems	3	To be available 2021		
TBD	655.772	Healthcare Networks and Databases	3	To be available TBD		
TBD	655.773	Designing for Patient Safety	3	To be available TBD		

Systems Engineering Elective Courses

662	645.650	Foundations of Human Systems Engineering	3	Refer to the SE Online Course listed here: https://ep.jhu.edu/files/scheduleplan-se-online.pdf
662	645.651	Integrating Humans and Technology	3	
662, 667, 767, 768, 769	645.742	Management of Complex Systems	3	
662	645.754	Social and Organizational Factors in Human Systems Engineering	3	
662	645.755	Methods in Human-System Performance Measurement and Analysis	3	
662	645.757	Foundations of Modeling and Simulation in Systems Engineering	3	
662, 667, 767, 768, 769	645.761	Systems Architecting	3	
662, 667, 767, 768, 769	645.771	System of Systems Engineering	3	
None	645.631	Introduction to MBSE	3	

BSPH Session
Typical term offerings shown here

Refer to BSPH Course Catalog for up-to-date info at the following link:
<https://www.jhsph.edu/courses/>

BSPH Elective Courses (refer to course catalog for pre-requisites. On-line tutorial must be taken prior to enrolling in BSPH courses)

				1	2	3	4
	315.707.81	Introduction to Biomedical and Public Health Informatics	2	x			
600.711.86	600.712.86	Public Health Statistics II	3	x			
	140.611.81	Statistical Reasoning in Public Health I	2	x			
	309.631.81	Population Health Informatics	2		x		
	315.700.81	Health Information Systems: Design to Deployment	2			x	
315.707.81 or 309.631.81	315.708.81	HIT Standards and Systems Interoperability	2			x	
	312.633.81	Health Management Information Systems	2			x	
	309.73.81	Patient Safety and Medical Errors	2			x	
	221.654.81	Systems Thinking in Public Health: Applications of Key Methods and Approaches	2			x	
	600.711.86	Public Health Statistics I	3				x

		May	June	July	August	September	October	November	December	January	February	March	April	May
BSPH Calendar	Summer Term													
	First Term													
	Second Term													
	Winter Session													
	Third Term													
	Fourth Term													

WSE EP Calendar	Summer													
	Fall													
	Spring													

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