

DIAGNOSTIC MEDICAL SONOGRAPHY (AAS)							
	Intellectual Competencies*	Prerequisites	Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
1	READING the ability to analyze and interpret a variety of printed materials - books, documents, and articles	ENGL 1301, BIOL 2101, BIOL 2304, MATH 1314	PHYS 1405 or PHYS 1407	PSYC 2301			PHIL 2306
2	WRITING the ability to produce clear, correct and coherent prose adapted to purpose, occasion and audience	ENGL 1301, BIOL 2101	PHYS 1405 or PHYS 1407	PSYC 2301			PHIL 2306
3	SPEAKING ability to communicate orally in clear, coherent, and persuasive language appropriate to purpose, occasion, and audience	ENGL 1301	Oral Communications Elective				
4	LISTENING analyze and interpret various forms of spoken communication, possess sufficient literacy skills of writing, reading	ENGL 1301, BIOL 2101, BIOL 2304	PHYS 1405 or PHYS 1407, Oral Communications Elective	PSYC 2301			PHIL 2306
5	CRITICAL THINKING Ability to apply both qualitative and quantitative skills analytically and creatively to subject matter to evaluate arguments and construct alternative strategies.	ENGL 1301, BIOL 2101, BIOL 2304, MATH 1314	PHYS 1405 or PHYS 1407, Oral Communications Elective	PSYC 2301			PHIL 2306
6	COMPUTER LITERACY understand our technological society, use computer based technology in communication, solving problems, acquiring information	ENGL 1301, BIOL 2101, BIOL 2304	PHYS 1405 or PHYS 1407, Oral Communications Elective				
	Non-Core courses	HPRS 1206	DSAE 1100	DMSO 1302	HPRS 2301	DMSO 2342	DMSO 2345
	Non-Core courses		DMSO 1110	DMSO 1441	DMSO 2441	DMSO 2362	DMSO 1291
	Non-Core courses		DMSO 1351	DMSO 1260	DMSO 1461	DMSO 2351	DMSO 2463
	Non-Core courses			DSVT 1103	DMSO 1342		
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	*All competencies are expected to be performed above the 12th grade level						
	Bold = competency addressed by this course						
	<i>Italics (orange) = <25% likelihood of being addressed by this course</i>		<i>Italics (blue) = 51 - 75% likelihood of being addressed by this course</i>				
	<i>Italics (red) = 25 - 50% likelihood of being addressed by this course</i>		<i>Italics (green) = >75% likelihood of being addressed by this course</i>				