

LANSING COMMUNITY COLLEGE

Health & Public Services

Curriculum Code: 0790  
(Effective Fall 2017 –  
Summer 2019)

**Diagnostic Medical Sonography A.A.S. Pathway**

This program is aligned with the standards and guidelines of the Joint Review Commission on Diagnostic Medical Sonography and is accredited by the Commission on Accreditation of Allied Health Education Programs (JRCDS-CAAHEP), 1361 Park Street, Clearwater, FL 33756.

**Note:** A 2.5 minimum grade is required in all courses in this curriculum, including Core, with the exception of PHYS 120 or PHYS 200 which require a minimum 2.0 grade.

Students interested in this program of study must refer to the [Health and Human Services Division website](#) for specific details.

Semester I FALL	Course Title	Prerequisites	Credit/ Billing Hours
<b>Science Core Area - <i>Select A or B</i></b>			
BIOL 145 <b>A</b>	Intro Anatomy and Physiology	Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
BIOL 201 <b>B</b>	Human Anatomy	Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
BIOL 202 <b>B</b>	Human Physiology	Minimum 2.0 in BIOL 201 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 5 or minimum 2.0 in MATH 109 or STAT 170 or concurrent enrollment in MATH 119)	4 / 5
<b>Math Core Area - <i>Select 1</i></b>			
MATH 120	College Algebra	(Minimum 2.0 in MATH 109 or MATH 112 within 2 years or Math Level 6 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
STAT 170	Introduction to Statistics	Reading Level 5 and Writing Level 4 and Minimum 2.0 in MATH 105 or MATH 106 or above or Math Level 5	4 / 4
STAT 215	Intro to Probability and Stats	Reading Level 5 and Writing Level 4 and Minimum 2.0 in MATH 120 or above or Math Level 7	4 / 4

<b>Communication Core Area - <i>Select 1</i></b>			
COMM 110 <i>(formerly SPCH 110)</i>	Oral Comm in the Workplace	(Reading Level 5 and Writing Level 6) or AASD 104 concurrently	3 / 3
COMM 120 <i>(formerly SPCH 120)</i>	Dynamics of Communication	Reading Level 5 and Writing Level 6	3 / 3
COMM 130 <i>(formerly SPCH 130)</i>	Fund of Public Speaking	Reading Level 5 and Writing Level 6	3 / 3
<b>Credits</b>			<b>11-15 / 13-18</b>
<b>Semester II SPRING</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/ Billing Hours</b>
<b>Writing Core Area - <i>Select 1</i></b>			
ENGL 121 <i>(formerly WRIT 121)</i>	Composition I	Reading Level 5 and Writing Level 6	4 / 4
ENGL 122 <i>(formerly WRIT 122)</i>	Composition II	Minimum 2.0 in ENGL 121 (formerly WRIT 121) or ENGL 131 (formerly WRIT 131) or (Reading Level 5 and Writing Level 8)	4 / 4
ENGL 127 <i>(formerly WRIT 127)</i>	Business Writing	(Reading Level 5 and Writing Level 6) or AASD 105 concurrently	3 / 3
ENGL 131 <i>(formerly WRIT 131)</i>	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4
ENGL 132 <i>(formerly WRIT 132)</i>	Honors Composition II	Reading Level 5 and Writing Level 8 and Minimum 3.5 in ENGL 121 (formerly WRIT 121) or ENGL 131 (formerly WRIT 131)	4 / 4
<b>Global Perspectives and Diversity Core Area</b>			
SOCL 120	Introduction to Sociology	Reading Level 5 or or AASD 105 concurrently	4 / 4

<b>Program of Study Requirements - <i>Select 1</i></b>			
PHYS 120	The Art of Physics	Reading Level 5 and Writing Level 6 and (Math Level 5 or MATH 107 concurrently or MATH 109 concurrently)	4 / 5
PHYS 200	Intro Physics With Application	Reading Level 5 and Writing Level 6 and Math Level 5	4 / 5
			<b>Credits</b> 11-12 / 12-13
<b>Semester III SUMMER 2017</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/ Billing Hours</b>
<b>Program of Study Requirements</b>			
CHSE 120	Medical Terminology	Reading Level 5 and Writing Level 4	4 / 4
IDMS 169	Intro to Sonographic Scanning	Admission to Diagnostic Medical Sonography Program and Reading Level 5 and Writing Level 6	2 / 3
IDMS 200	Sonographic Introduction	Admission to Diagnostic Medical Sonography Program and Reading Level 5 and Writing Level 6	2 / 2
IDMS 270	Sonographic Positioning I	Admission to Diagnostic Medical Sonography Program and Reading Level 5 and Writing Level 6	2.5 / 4
			<b>Credits</b> 10.5 / 13

<b>Semester IV FALL 2017</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/ Billing Hours</b>
<b>Program of Study Requirements</b>			
IDMS 201	General Sonography I: Abdomen	Minimum 2.5 in (IDMS 169 and IDMS 200 and IDMS 270)	4 / 4
IDMS 202	OB/GYN Sonography I	Minimum 2.5 in (IDMS 169 and IDMS 200 and IDMS 270)	4 / 4
IDMS 234	Sonographic Physics	Minimum 2.5 in (IDMS 169 and IDMS 200 and IDMS 270)	2 / 2
IDMS 271	Sonographic Positioning II	Minimum 2.5 in IDMS 270	1.5 / 2
IDMS 280	Clinical Experience I	Minimum 2.5 in (IDMS 169 and IDMS 200 and IDMS 270)	6 / 6
<b>Credits</b>			<b>17.5 / 18</b>
<b>Semester V SPRING 2018</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/ Billing Hours</b>
<b>Program of Study Requirements</b>			
IDMS 245	Sonographic Instrumentation	Minimum 2.5 in IDMS 234	2 / 2
IDMS 265	General Sonography II	Minimum 2.5 in IDMS 201	4 / 4
IDMS 266	OB/GYN Sonography II	Minimum 2.5 in IDMS 202	4 / 4
IDMS 281	Clinical Experience II	Minimum 2.5 in IDMS 280	7 / 7
<b>Credits</b>			<b>17 / 17</b>
<b>Semester VI SUMMER 2018</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/ Billing Hours</b>
<b>Program of Study Requirements</b>			
IDMS 282	Clinical Experience III	Minimum 2.5 in (IDMS 234 and IDMS 245 and IDMS 265 and IDMS 266)	8 / 8
<b>Credits</b>			<b>8 / 8</b>
<b>Total Credits</b>			<b>75-80 / 81-87</b>