

**MIDWESTERN UNIVERSITY/COLLEGE OF HEALTH SCIENCES  
 MASTER OF SCIENCE IN CARDIOVASCULAR SCIENCE - CLASS OF 2013  
 CURRICULUM 2011 - 2013**

**FIRST YEAR**

<b>Fall Quarter/2011</b>		<b>18.5 quarter credits</b>
CORE 1560	Interdisciplinary Health Care	0.5
CVSP 531	CV Sciences Journal Review I	2.0
CVSP 532	Research Methodology for CV Sciences	2.0
CVSP 551	Anatomy for Cardiovascular Sciences	3.0
CVSP 553	Monitoring of the Cardiovascular Patient	3.0
CVSP 555	Applied Physiology & Pathophysiology for CV Sciences I	3.0
CVSP 561	CV Perfusion Technology I	4.0
CVSP 591	CV Perfusion Hands-On Laboratory I	1.0

<b>Winter Quarter/2011</b>		<b>16.5 quarter credits</b>
BMED 574	Pharmacology I	3.0
CORE 1570	Interdisciplinary Health Care	0.5
CVSP 533	CV Sciences Journal Review II	2.0
CVSP 534	CV Sciences Masters Project I	1.0
CVSP 556	Applied Physiology & Pathophysiology for CV Sciences II	3.0
CVSP 562	CV Perfusion Technology II	4.0
CVSP 571	Clinical Observations & Seminars for CV Sciences I	2.0
CVSP 592	CV Perfusion Hand-On Laboratory II	1.0

<b>Spring Quarter/2012</b>		<b>15.5 quarter credits</b>
CVSP 600	Special Topics – Perfusion Pharmacology	1.0
CORE 1580	Interdisciplinary Health Care	0.5
CVSP 535	CV Sciences Masters Project II	1.0
CVSP 544	Quality & Risk Management for CV Sciences	3.0
CVSP 557	Cardiac Congenital Defects & Cardiac Pediatric Perfusion	3.0
CVSP 563	CV Perfusion Technology III	4.0
CVSP 572	Clinical Observations & Seminars for CV Sciences II	2.0
CVSP 593	CV Perfusion Hands-On Laboratory III	1.0

**SECOND YEAR**

<b>CLINICAL YEAR/2012-2013</b>		<b>51.0 quarter credits</b>
<b>Summer/Fall/Winter/Spring quarters</b>		
CVSP 601	Clinical Practicum I (6 weeks)	6.0
CVSP 602	Clinical Practicum II (6 weeks)	6.0
CVSP 603	Clinical Practicum III (6 weeks)	6.0
CVSP 604	Clinical Practicum IV (6 weeks)	6.0
CVSP 662	Special Techniques in Cardiopulmonary Bypass (on-line)	1.0
CVSP 605	Clinical Practicum V (6 weeks)	6.0
CVSP 606	Clinical Practicum VI (6 weeks)	6.0
CVSP 607	Clinical Practicum VII (6 weeks)	6.0
CVSP 608	Clinical Practicum VIII (6 weeks)	6.0
CVSP 663	Clinical Modules for Cardiovascular Surgery	1.0
CVSP 664	Current Trends in Perfusion (on-line)	1.0

**Total first year credits - 50.5**

**Total second year credits - 51.0**

**TOTAL FOR PROGRAM COMPLETION: 101.5**