

**MIDWESTERN UNIVERSITY/COLLEGE OF HEALTH SCIENCES  
 MASTER OF SCIENCE IN CARDIOVASCULAR SCIENCE - CLASS OF 2012  
 CURRICULUM 2010 - 2012**

**FIRST YEAR**

<b>Fall Quarter/2010</b>	<b>16.5 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	3.0
CVSP 551 Anatomy for Cardiovascular Sciences	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/2010</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/2011</b>	<b>20.5 quarter credits</b>
BMED 575 Pharmacology II	3.0
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 553 Monitoring of the CV Patient	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/2011-2012</b>	<b>50.0 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 664 Current Trends in Perfusion (on-line)	1.0

**Total first year credits - 53.5  
 Total second year credits - 50.0**

**TOTAL FOR PROGRAM COMPLETION: 103.5**