

**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	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 Hands-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 Project Development	1.0
CVSP 544	Quality & Risk Management for CV Sciences	3.0
CVSP 553	Monitoring of the CV Patient	3.0
CVSP 557	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 Hand-On Laboratory III	1.0

**SECOND YEAR**

<b>Summer Quarter/2011</b>		<b>12.0 quarter credits</b>
CVSP 601	Clinical Practicum I (6 weeks)	6.0
CVSP 602	Clinical Practicum II (6 weeks)	6.0

<b>Fall Quarter/2011</b>		<b>13.0 quarter credits</b>
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 (online)	1.0

<b>Winter Quarter/2011</b>		<b>2.0 quarter credits</b>
CVSP 605	Clinical Practicum V (6 weeks)	6.0
CVSP 606	Clinical Practicum VI (6 weeks)	6.0

<b>Spring Quarter/2012</b>		<b>13.0 quarter credits</b>
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**