

**MIDWESTERN UNIVERSITY/COLLEGE OF HEALTH SCIENCES  
 MASTER OF SCIENCE IN CARDIOVASCULAR SCIENCE  
 CLASS OF 2010  
 CURRICULUM 2008 - 2010**

**FIRST YEAR**

<b>Fall Quarter/2008</b>	<b>16.5 quarter credits</b>
CVSP 561 CV Perfusion Technology & Lab I	2.0
CVSP 531 CV Sciences Journal Review I	1.0
CVSP 532 Research Methodology for CV Sciences	3.0
CVSP 541 Intro to the Perfusion Environment	2.0
PHYS 471 Human Physiology I	4.0
BMED 360 Biophysics	4.0
CORE 460 Interdisciplinary Health Care	0.5

<b>Winter Quarter/2008</b>	<b>16.0 quarter credits</b>
CVSP 562 CV Perfusion Technology/Lab II	5.0
CVSP 533 CV Sciences Journal Review II	1.0
CVSP 534 Research Lab for CV Sciences	2.0
CVSP 571 CV Observations I	1.0
CVSP 551 Applied CV Anatomy & Embryology	2.0
CVSP 554 Renal, Fluid & Acid Base Physiology	1.5
BMED 574 Pharmacology I	3.0
CORE 470 Interdisciplinary Health Care	0.5

<b>Spring Quarter/2009</b>	<b>20.5 quarter credits</b>
CVSP 564 CV Devices Lab	1.0
CVSP 563 CV Perfusion Technology & Lab III	5.0
CVSP 572 CV Observations II	1.0
CVSP 553 Monitoring of the CV Patient	2.0
CVSP 565 CV Sciences High Fidelity Simulation	1.0
CVSP 552 CV Pathology	3.0
CVSP 535 CV Sciences Project Development	1.0
CVSP 544 Quality & Risk Management for CV	3.0
BMED 575 Pharmacology II	3.0
CORE 480 Interdisciplinary Health Care	0.5

**SECOND YEAR**

<b>Summer Quarter/2009</b>	<b>12.0 quarter credits</b>
CVSP 581 Clinical Practicum I (6 weeks)	6.0
CVSP 582 Clinical Practicum II (6 weeks)	6.0

<b>Fall Quarter/2009</b>	<b>13.0 quarter credits</b>
CVSP 583 Clinical Practicum III (6 weeks)	6.0
CVSP 584 Clinical Practicum IV (6 weeks)	6.0
CVSP 566 Cardiopulmonary Bypass (on-line)	1.0

<b>Winter Quarter/2009</b>	<b>12.0 quarter credits</b>
CVSP 585 Clinical Practicum V (6 weeks)	6.0
CVSP 586 Clinical Practicum VI (6 weeks)	6.0

<b>Spring Quarter/2010</b>	<b>13.0 quarter credits</b>
CVSP 587 Clinical Practicum VII (6 weeks)	6.0
CVSP 588 Clinical Practicum VIII (6 weeks)	6.0
CVSP 567 Current Trends in Perfusion (on-line)	1.0

**Total first year credits - 53.0**  
**Total second year credits - 50.0**

**TOTAL FOR PROGRAM COMPLETION: 103.0**