

**MIDWESTERN UNIVERSITY/COLLEGE OF HEALTH SCIENCES
 MASTER OF SCIENCE IN CARDIOVASCULAR SCIENCE
 CLASS OF 2011
 CURRICULUM 2009 - 2011**

FIRST YEAR

Fall Quarter/2009 15.5 quarter credits

CVSP 561	CV Perfusion Technology & Lab I	2.0
CVSP 531	CV Sciences Journal Review I	1.0
CVSP 541	Intro to the Perfusion Environment	2.0
CVSP 551	Applied CV Anatomy & Embryology	2.0
PHYS 471	Human Physiology I	4.0
BMED 560	Biophysics	4.0
CORE 460	Interdisciplinary Health Care	0.5

Winter Quarter/2009 16.0 quarter credits

CVSP 562	CV Perfusion Technology/Lab II	5.0
CVSP 532	Research Methodology for CV Sciences	3.0
CVSP 533	CV Sciences Journal Review II	1.0
CVSP 534	CV Sciences Project Development I	1.0
CVSP 571	CV Observations & Seminars I	1.0
CVSP 554	Renal, Fluid & Acid Base Physiology	1.5
BMED 574	Pharmacology I	3.0
CORE 470	Interdisciplinary Health Care	0.5

Spring Quarter/2010 20.5 quarter credits

CVSP 564	CV Devices Lab	1.0
CVSP 563	CV Perfusion Technology & Lab III	5.0
CVSP 572	CV Observations & Seminars 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 II	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

Summer Quarter/2010 12.0 quarter credits

CVSP 601	Clinical Practicum I (6 weeks)	6.0
CVSP 602	Clinical Practicum II (6 weeks)	6.0

Fall Quarter/2010 13.0 quarter credits

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

Winter Quarter/2010 12.0 quarter credits

CVSP 605	Clinical Practicum V (6 weeks)	6.0
CVSP 606	Clinical Practicum VI (6 weeks)	6.0

Spring Quarter/2011 13.0 quarter credits

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 - 52.0
Total second year credits - 50.0

TOTAL FOR PROGRAM COMPLETION: 102.0