

**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 581 Clinical Practicum I (6 weeks)	6.0
CVSP 582 Clinical Practicum II (6 weeks)	6.0

Fall Quarter/2010	13.0 quarter credits
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

Winter Quarter/2010	12.0 quarter credits
CVSP 585 Clinical Practicum V (6 weeks)	6.0
CVSP 586 Clinical Practicum VI (6 weeks)	6.0

Spring Quarter/2011	13.0 quarter credits
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 - 52.0
Total second year credits - 50.0

TOTAL FOR PROGRAM COMPLETION: 102.0