

**MIDWESTERN UNIVERSITY/COLLEGE OF HEALTH SCIENCES
 MASTER OF SCIENCE IN CARDIOVASCULAR SCIENCE
 CLASS of 2021 CURRICULUM (2019 – 2021)**

FIRST YEAR

Fall Quarter 2019		17.5 quarter credits
COREG	1560E Interprofessional Healthcare	0.5
CVSPG	542 Introduction to the Perfusion Environment	1.0
CVSPG	551 Anatomy for Cardiovascular Sciences	2.0
CVSPG	553 Monitoring & the Cardiovascular Patient	4.0
CVSPG	555 Applied Physiology & Pathophysiology for CV Sciences I	4.0
CVSPG	561 Cardiovascular Perfusion Technology I	4.0
CVSPG	591 Cardiovascular Perfusion Practical Laboratory I	2.0

Winter Quarter 2019		17.5 quarter credits
COREG	1570E Interprofessional Healthcare	0.5
CVSPG	531 Cardiovascular Sciences Journal Review I	2.0
CVSPG	534 Cardiovascular Sciences Masters Project I	1.0
CVSPG	556 Applied Physiology & Pathophysiology for CV Sciences II	4.0
CVSPG	562 Cardiovascular Perfusion Technology II	4.0
CVSPG	571 Clinical Observations & Seminars for CV Sciences I	2.0
CVSPG	581 Applied Pharmacology for CV Sciences I	2.0
CVSPG	592 Cardiovascular Perfusion Practical Laboratory II	2.0

Spring Quarter 2020		17.5 quarter credits
COREG	1580E Interprofessional Healthcare	0.5
CVSPG	535 Cardiovascular Sciences Masters Project II	1.0
CVSPG	544 Quality & Risk Management for CV Sciences	2.0
CVSPG	557 Cardiac Congenital Defects & Cardiac Pediatric Perfusion	4.0
CVSPG	563 Cardiovascular Perfusion Technology III	4.0
CVSPG	572 Clinical Observations & Seminars for CV Sciences II	2.0
CVSPG	582 Applied Pharmacology for CV Sciences II	2.0
CVSPG	593 Cardiovascular Perfusion Practical Laboratory III	2.0

SECOND YEAR

CLINICAL YEAR 2020-2021		51.0 quarter credits
Summer/Fall/Winter/Spring quarters		
CVSPG	601 Clinical Practicum I (6 weeks)	6.0
CVSPG	602 Clinical Practicum II (6 weeks)	6.0
CVSPG	603 Clinical Practicum III (6 weeks)	6.0
CVSPG	604 Clinical Practicum IV (6 weeks)	6.0
CVSPG	662 Special Techniques in Cardiopulmonary Bypass (on-line)	1.0
CVSPG	605 Clinical Practicum V (6 weeks)	6.0
CVSPG	606 Clinical Practicum VI (6 weeks)	6.0
CVSPG	663 Clinical Modules in Perfusion (on-line)	1.0
CVSPG	607 Clinical Practicum VII (6 weeks)	6.0
CVSPG	608 Clinical Practicum VIII (6 weeks)	6.0
CVSPG	664 Current Trends in Perfusion (on-line)	1.0

**Total first year credits - 52.5
 Total second year credits - 51.0**

TOTAL FOR PROGRAM COMPLETION: 103.5