

**MIDWESTERN UNIVERSITY/COLLEGE OF HEALTH SCIENCES
 MASTER OF SCIENCE IN CARDIOVASCULAR SCIENCE
 CLASS of 2022 CURRICULUM (2020 – 2022)**

FIRST YEAR

Fall Quarter 2020		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 2020		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 2021		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 2021-2022		52.0 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 661	Developmental Skills for Clinical Rotations and Professional Practice (on-line – summer)	1.0
CVSPG 662	Special Techniques in Cardiopulmonary Bypass (online – fall)	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 – winter)	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 – spring)	1.0

Total first year credits - 52.5

Total second year credits - 52.0

TOTAL FOR PROGRAM COMPLETION: 104.5