

**MIDWESTERN UNIVERSITY/COLLEGE OF HEALTH SCIENCES
 MASTER OF SCIENCE IN CARDIOVASCULAR SCIENCE
 CLASS OF 2023 CURRICULUM (2021 – 2023)**

FIRST YEAR

Fall Quarter 2021		17.5 quarter credits
COREG1560E	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	CV Perfusion Technology I	4.0
CVSPG 591	CV Perfusion Practical Laboratory I	2.0

Winter Quarter 2021		17.5 quarter credits
COREG1570E	Interprofessional Healthcare	0.5
CVSPG 531	CV Sciences Journal Review I	2.0
CVSPG 534	CV Sciences Masters Project I	1.0
CVSPG 556	Applied Physiology & Pathophysiology for CV Sciences II	4.0
CVSPG 562	CV 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	CV Perfusion Practical Laboratory II	2.0

Spring Quarter 2022		17.5 quarter credits
COREG1580E	Interprofessional Healthcare	0.5
CVSPG 535	CV 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	CV 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	CV 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 661	Developmental Skills for Clinical Rotations and Professional Practice (on-line – summer)	1.0
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 – 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 (online – 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