

الخطة الدراسية لبرنامج :Study Plan

خامسًا: الخطة الدراسية | **Study Plan Overview**

الفصل الأول | **First Semester**

Course Title	Credit Hours
Advanced Cardiovascular Physiology and anatomy	3
Perfusion Technology I	3
Applied Cardiovascular Pharmacology	3
Clinical Seminar in Perfusion I	3
Total	12

الفصل الثاني | **Second Semester**

	Credit Hours
Perfusion Technology II	3

Monitoring & Critical Care for Perfusionists	3
Research Methods and Biostatistics	3
Clinical Seminar in Perfusion II	3
Total	12

الفصل الثالث | **Third Semester**

	Credit Hours
Advanced Perfusion Techniques	3
Elective I (e.g., Pediatric Perfusion)	3
Elective II (e.g., Organ Transplant Perfusion)	3
Thesis Proposal Seminar	3
Total	12

الفصل الرابع | **Fourth Semester**

Course Title	Credit Hours
Master Thesis in Perfusion Science	6
Total	