

## Transfer Guide – Clinical Perfusion

### MCC → UNMC

The Clinical Perfusion program is a master's level program that requires students to complete a bachelor's degree. Students can earn a bachelor's degree in any area of interest (i.e. Biology, Business, Music, Nursing, etc.). Listed below are Metropolitan Community College courses that satisfy the University of Nebraska Center's (UNMC) Clinical Perfusion admission requirements. UNMC publishes requirements for admission, general education, and major concentration areas. **Students should consult with their MCC Advisor and a UNMC advisor often.**

For admission requirements to UNMC contact the College of Allied Health Professions – Enrollment Management & Student Affairs at 402-559-6673, [cahpadmissions@unmc.edu](mailto:cahpadmissions@unmc.edu) or visit [www.unmc.edu/alliedhealth](http://www.unmc.edu/alliedhealth).

| UNMC Admission Course Requirements   | Metropolitan Community College Courses |           |  | Quarter Hours |
|--|--|-----------|--|---------------|
| <b>Biological Sciences</b> – Choose a min. of 18 qtr. hrs.   | BIOS                                   | 1111      | Biology I                                  | 5             |
| 12 semester hours (18 quarter hours) are required which may include laboratory sessions. Courses should emphasize body structure, development, tissue organization and function. Courses may include, but are not limited to, general biology, cell biology, microbiology, physiology, anatomy, zoology, histology, embryology, genetics and immunology. | BIOS                                   | 1121      | Biology II                                 | 5             |
|  | BIOS                                   | 1130      | Biology III                                | 5             |
|  | BIOS                                   | 2150      | Microbiology                               | 6             |
|  | BIOS                                   | 2050      | Genetics                                   | 4.5           |
|  | BIOS                                   | 2310      | Human Anatomy and Physiology I             | 6             |
|  | BIOS                                   | 2320      | Human Anatomy and Physiology II            | 6             |
| <b>Chemistry</b> – Choose a minimum of 9 qtr hrs.  | CHEM                                   | 1210&1211 | General Chemistry: Parts I & II <b>OR</b>  | 6             |
| 6 semester hours of chemistry are required. Courses should emphasize physical principles and may include but are not limited to general chemistry, qualitative analysis, quantitative analysis, and organic chemistry.   | CHEM                                   | 1212      | General Chemistry I: Accelerated           |               |
|  | CHEM                                   | 1220      | General Chemistry II                       | 6             |
|  | CHEM                                   | 232ABC    | Organic Chemistry IA, IB, IC               | 7.5           |
|  | CHEM                                   | 233ABC    | Organic Chemistry IIA, IIB, IC             | 7.5           |
| <b>Physics</b> – Choose a min. of 7.5 qtr. hrs.  | PHYS                                   | 110ABC    | Principles of Physics IA, IB, IC <b>OR</b> | 7.5           |
| 3 semester hours of physics including laboratory session are required. Courses may include general physics, quantum physics, or physics for life sciences.   | PHYS                                   | 210ABC    | General Physics IA, IB, IC                 | 7.5           |
| <b>Mathematics</b> – Choose a minimum of 4.5 quarter hours.  | MATH                                   | 1315      | College Algebra                            | 4.5           |
| 4.5 quarter hours (3 semester hours) are required.   | MATH                                   | 1425      | Pre-Calculus Algebra                       | 5             |
|  | MATH                                   | 1430      | Trigonometry                               | 4.5           |

Every effort has been made to provide accurate information on suggested courses, however it is the student's responsibility to consult with the institution they are planning to transfer to ensure courses fit into their intended plan of study. For additional information on course by course equivalencies please contact the MCC Transfer Center.