PRE-CARDIOVASCULAR PERFUSION

Offered by Health Science Programs (http://catalog.unk.edu/undergraduate/departments-programs/health-science-programs/)

A candidate for admission to the Clinical Perfusion Education Program at the University of Nebraska Medical Center must have successfully completed a Bachelor's Degree and the following required courses. Scores from the basic portion of the Graduate Record Exam (GRE) must also be submitted. Students should check the specific school(s), other than the University of Nebraska Medical Center, to which they intend to apply to ensure that all admission requirements are fulfilled.

Competition to gain a place in perfusion school is intense and cannot be guaranteed.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>BIOL 225 &amp; BIOL 226</td>
<td>Anatomy and Physiology and Anatomy and Physiology</td>
<td>7-8</td>
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<tr>
<td>BIOL 215 &amp; PE 460</td>
<td>Human Physiology and Gross Anatomy of Movement</td>
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Select 1 of the following additional BIOL courses:

- BIOL 103 General Biology
- BIOL 105 Biology I
- BIOL 106 Biology II
- BIOL 211 Human Microbiology

Select all of the following:

- CHEM 160 & 160L General Chemistry and General Chemistry Laboratory
- CHEM 161 & 161L General Chemistry and General Chemistry Laboratory
- ENG 101 Introduction of Academic Writing
- ENG 102 Academic Writing and Research
- PHYS 205 & 205L General Physics I and Physics I Laboratory

Select one of the following:

- MATH 102 College Algebra
- MATH 103 Plane Trigonometry
- MATH 115 Calculus I with Analytic Geometry
- MATH 123 Applied Calculus I

Recommended Electives

- HSCI 225 Introduction to Hematology
- BIOL 211 Human Microbiology
- BIOL 309 Cellular & Molecular Biology
- BIOL 325 Medical Terminology
- BIOL 360 Genetics
- BIOL 401 Principles of Immunology
- CHEM 250 & 250L Elementary Organic Chemistry and Elementary Organic Chemistry Lab