### Dept of Rehab Sciences Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Description</th>
<th>Credit Hours</th>
<th>Total Contact Hours</th>
<th>Lab Hours</th>
<th>Lecture Hours</th>
<th>Other Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRSC 5300</td>
<td>Ethics in the Health Sciences.</td>
<td>A study of the application of ethical principles, which includes the legal factors and professional behavior, which impact patient management and the rights of the consumer in the provision of medical and rehabilitation services.</td>
<td>3</td>
<td>3</td>
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<tr>
<td>DRSC 5301</td>
<td>Normal Physiology/Embryology.</td>
<td>A review of the basic processes and events of human embryology that lead to morphogenesis, and the timing of major events, in embryogenesis are presented. These topics inform the mechanical, physical and biochemical functions of adult organ systems and prepare the student for future coursework in gross anatomy, pathophysiology, and neuroscience.</td>
<td>3</td>
<td>3</td>
<td>0</td>
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<tr>
<td>DRSC 5309</td>
<td>Cultural Competency and Sensitivity Applications</td>
<td>Course will address patient participation fully in their social roles including interpersonal interaction, learning, education, community activities, and address the influence of predominate culture, ethnicity, religion, disability, gender, sexual orientation, and age.</td>
<td>3</td>
<td>3</td>
<td>0</td>
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<tr>
<td>DRSC 5388</td>
<td>Pathophysiology for Health Sci.</td>
<td>An in-depth evaluation of disease and injury processes across the lifespan and their relevance to therapeutic rehabilitation are presented. Attention is given to all major physiological systems.</td>
<td>3</td>
<td>3</td>
<td>0</td>
<td>3</td>
<td>0</td>
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<tr>
<td>DRSC 5389</td>
<td>Research in Health Science.</td>
<td>Introduction to research concepts which enable health professionals to read, apply and integrate health science research. The legal, moral and ethical role of service is presented.</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>0</td>
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**Major Restrictions:**
- Restricted to majors of MOT, MPT, SPLP

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**Courses**

**DRSC 5300. Ethics in the Health Sciences.**
Ethics in the Health Sciences (3-0) A study of the application of ethical principles, which includes the legal factors and professional behavior, which impact patient management and the rights of the consumer in the provision of medical and rehabilitation services.

**DRSC 5301. Normal Physiology/Embryology.**
A review of the basic processes and events of human embryology that lead to morphogenesis, and the timing of major events, in embryogenesis are presented. These topics inform the mechanical, physical and biochemical functions of adult organ systems and prepare the student for future coursework in gross anatomy, pathophysiology, and neuroscience.

**DRSC 5309. Cult Compet & Sensitivity Appl.**
Cultural Competency and Sensitivity Applications (3-0) Course will address patient participation fully in their social roles including interpersonal interaction, learning, education, community activities, and address the influence of predominate culture, ethnicity, religion, disability, gender, sexual orientation, and age.

**DRSC 5388. Pathophysiology for Health Sci.**
Pathophysiology for Health Sciences (3-0) An in-depth evaluation of disease and injury processes across the lifespan and their relevance to therapeutic rehabilitation are presented. Attention is given to all major physiological systems.

**DRSC 5389. Research in Health Science.**
Research in Health Science (2-1) Introduction to research concepts which enable health professionals to read, apply and integrate health science research. The legal, moral and ethical role of service is presented.
DRSC 5390. Neuroscience for Health Sciences.
Neuroscience for Health Sciences (2-1). Human neuroscience with an emphasis on normal and abnormal structures and functions of the nervous system, as applied to neurological dysfunction and its impact on physical and occupational functioning of an individual are studied.

3 Credit Hours
3 Total Contact Hours
1 Lab Hours
2 Lecture Hours
0 Other Hours

DRSC 5396. Medical Kin & Biomechanics.
Medical Kinesiology and Biomechanics (2-1) A study of the applications of biomechanical principles to the control of human movement is addressed. Examination of structural and functional status of joints, postural control, limb movement and their impact on functional activities.

3 Credit Hours
4 Total Contact Hours
2 Lab Hours
2 Lecture Hours
0 Other Hours

DRSC 5495. Anatomy for Health Sciences.
Anatomy for Health Sciences (2-2) A study of the structure and function of the skeletal, muscular, and central and peripheral nervous systems of the human body. The course focuses on human anatomy through didactic methods and cadaver dissection of the trunk, extremities, head, neck, and internal organs.

4 Credit Hours
8 Total Contact Hours
6 Lab Hours
2 Lecture Hours
0 Other Hours

DRSC 5496. Medical Kin & Biomechanics.
Medical Kinesiology and Biomechanics (3-1) A study of the applications of biomechanical principles to the control of human movement is addressed. Examination of structural and functional status of joints, postural control, limb movement and their impact on functional activities.

4 Credit Hours
4 Total Contact Hours
1 Lab Hours
3 Lecture Hours
0 Other Hours

Major Restrictions:
Restricted to majors of MOT, MPT, SPLP

DRSC 6101. Spanish Medical Terminology.
This course is designed to improve fluency in specific Spanish medical terminology commonly used in physical therapy practice. (Students will be grouped according to level of proficiency.).

1 Credit Hour
1 Total Contact Hour
0 Lab Hour
1 Lecture Hour
0 Other Hour

Major Restrictions:
Restricted to majors of PT
DRSC 6301. Normal Physiology/Embryology.
A review of the basic processes and events of human embryology that lead to morphogenesis, and the timing of major events in embryogenesis are presented. These topics inform the mechanical, physical, and biochemical functions of adult organ systems and prepare the student for future coursework in gross anatomy, pathophysiology, and neuroscience.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Major Restrictions:
Restricted to majors of PT

DRSC 6388. Pathophysiology in Rehab Sci.
An in-depth evaluation of disease and injury processes across the lifespan and their relevance to therapeutic rehabilitation are presented. Attention is given to all major physiological systems.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Major Restrictions:
Restricted to majors of PT

DRSC 6390. Neuroscience for Hlth Sciences.
Human neuroscience with an emphasis on normal and abnormal structures and functions of the nervous system, as applied to neurological dysfunction and its impact on physical and occupational functioning of an individual are studied.

3 Credit Hours
3 Total Contact Hours
0 Lab Hours
3 Lecture Hours
0 Other Hours

Major Restrictions:
Restricted to majors of PT