

**Entry Level Doctor of Physical Therapy Program:
Non Direct Admit Instructions**

FALL 2013

Non direct admission is granted to freshman and transfer applicants that do not qualify for direct admission and obtain sixty or more credits at Carroll with the intention of receiving a Carroll bachelor degree.

- ❖ **1st Priority Deadline Date is January 15th 2013 – All Non Direct Admit and Carroll Transfers Students must apply by this date**
- ❖ **Submit Application to:**
 - Carroll University**
 - Attention: Admission Office**
 - 100 North East Avenue**
 - Waukesha, WI 53186**
- ❖ Admission Decisions for complete Non Direct Admit and Carroll Transfers Applications will be made in February and March or on a rolling basis until the class is full by August 2013

INSTRUCTIONS:

In order to apply for the Fall 2013 Entry Level Doctor of Physical Therapy Program applicants must comply with the following.

- 1) Submit a completed FA 2013 Application with all required documents. **Application Documents** (except Official College Transcripts and Official GRE Report) **must be submitted together in a complete packet.**
 - a. Clinical Experience Documentation Form
 - b. 3 Letters of Reference:
 - (1) LETTER FROM A LICENSED PT, (1) LETTER FROM A COLLEGE INSTRUCTOR, (1) LETTER FROM A PERSONAL CONTACT
 - i. Letters must be submitted in individually sealed envelopes within the complete packet
 - c. Course Work in Progress
 - d. Documentation of college or community service activities
 - e. Safety Technical Standards Form
 - f. Essay question (s) typed
 - g. Official College Transcripts (Current Carroll students do not need to request transcripts)
 - h. Official GRE Score Report (sent directly to Carroll University)
 - i. Carroll University code 1101. DPT Department code 0619
- 2) College CUM GPA of 3.0 or greater out of 4.0
 - a. Will be determined at the TIME of application
- 3) College Pre Professional GPA of 3.0 or greater out of 4.0
 - a. Will be determined at the TIME of application
 - b. Minimum course grade of "C" is required in all coursework used to calculate pre-professional GPA
- 4) Completion of all pre-requisites
- 5) First Year Seminar
- 6) Writing Seminar
- 7) 1 course from each of the 7 LSP areas
- 8) Majority of required and elective courses in major
- 9) Confirmation of successful completion of pre-requisites that are in progress at the time of application
- 10) Evidence through your degree audit that a bachelor degree will be awarded at the completion of the senior year.

DPT FALL 2013 PRE-REQUISITES:

Compliance with the following requirements must be completed by end of junior year spring semester prior to beginning Professional study with grades of C or better. *Please see below for the specific courses that are required under each discipline.*

- a) 4 Semesters of Biology with labs
- b) 2 Semesters of Chemistry with labs
- c) 2 Semesters of Physics with labs
- d) 1 Semester of Statistics
- e) 3 Semesters of Humanities (for Carroll students LSP's satisfy this requirement)
- f) 3 Semesters of Social Sciences (for Carroll students LSP's satisfy this requirement)
- g) 1 Semester of English

PRE PROFESSIONAL GPA FOR FALL 2013 INCLUDES THE FOLLOWING COURSES:

4 Semesters of Biology:

- a) BIO 120 and BIO 125 General Biology I and II with labs *OR*
- b) BIO 130 and BIO 140 Introduction to Anatomy and Physiology I and II with labs
- c) BIO 402 and BIO 403 Advanced Anatomy and Physiology with labs

2 Semesters of Chemistry:

- a) CHE 101 and CHE 102 General Chemistry and Biochemistry with labs *OR*
- b) CHE 109 and CHE 110 College Chemistry I and II with labs

2 Semesters of Physics:

- a) PHY 101 and PHY 102 General Physics I and II with labs*OR*
- b) PHY 203 and PHY 204 General Physics with Calculus I and II with labs

Up to 2 Semesters of Psychology

- a) 1 course must be 200 level or above

OTHER REQUIRED PRE-REQUISITES NOT INCLUDED IN THE PRE PROFESSIONAL GPA:

1 semester of Statistics

- a) Equivalent to MATH 112 or PSY 205

3 Semesters of Humanities

- a) Areas such as English, History, Philosophy, Religious Studies, Women's Studies, Fine Arts, Languages (for Carroll students LSP's satisfy this requirement)

3 Semesters of Social Sciences

- a) Areas such as Psychology, Sociology, Anthropology, Politics, Cultural Geography, Economics, Communications (for Carroll students LSP's satisfy this requirement)

1 Semester of English

- a) Either English Composition or English Literature

COST:

Year 1 Phase 1 pay undergraduate cost - \$25,899 (this is the current Fall 2012 cost). Phase 2 pay graduate tuition \$665 (this is the current Fall 2012 cost) per hour (90 hours) = \$59,850. Professional Phase per semester fee of \$285

HOUSING:

Carroll does have limited Graduate Housing available. For details please call the Housing Office 262-524-7100

COURSE DESCRIPTIONS:

120. General Biology I

N1 4 credits

This course investigates the origins and diversity of life and how organisms interact with each other and their environment. Students will learn how evolutionary principles provide the foundation for understanding life throughout Earth's history. Case studies and student research during laboratory will develop the ability of students to apply their knowledge of how organisms interact at different biological scales. This is the first course in the Biology major and is traditionally challenging for non-science majors. Four hours lecture/discussion and three hours laboratory. (Required course fee) (*Fa*)

125. General Biology II

4 credits

This course investigates the structure, function, and biochemistry of cells. Students will learn how evolutionary principles provide the foundation for understanding the cellular processes that support life. Case studies and student research during laboratory will develop the ability of students to apply their knowledge of how underlying cellular processes explain complex organismal functions. Four hours lecture/discussion and three hours laboratory. (Required course fee) (*Sp*) Prerequisite: BIO 120.

130. Introduction to Human Anatomy and Physiology I

4 Credits

This is the first of two courses which present the unifying concepts of anatomy and physiology required for understanding the human body as structural and functional unit. This course emphasizes the mechanisms that underlie the normal functions of cells, tissues, organs, and organ systems. This course includes the study of basic biochemistry and inheritance and the structure and function of the integumentary, skeletal, muscular, nervous, and endocrine systems. Four hours lecture and three hours laboratory. (Required course fee) (*Fa, Su*)

140. Introduction to Human Anatomy and Physiology II

4 Credits

This is the second of two courses which present the unifying concepts of anatomy and physiology required for understanding the human body as a structural and functional unit. This course includes the study of the structure and function of the cardiovascular, lymphatic, immune, respiratory, digestive, urinary and reproductive systems. A body systems approach is used to emphasize the interrelationships between structure and function of the gross and microscopic levels of organization of the human body. Four hours lecture and three hours laboratory. (Required course fee) (*Sp, Su*) Prerequisite: BIO 130 or equivalent is strongly recommended.

101. Introductory Physics I

LI, L2 4 Credits

The first course of a non-calculus two-course sequence in the basic principles of physics covering the general areas of mechanics and wave motion (oscillations, waves and sound, and fluids). The mathematical proficiency expected for this course is algebra and introductory trigonometry. This course satisfies the physics requirement for some majors, pre-health professional requirements, and can be used to satisfy a liberal studies program requirement. Four hours of lecture/discussion and three hours of laboratory per week. (Credit cannot be received for both 101 and 203.) (Required course fee) (*Fa, Su*) Prerequisite: MAT 101 or higher.

102. Introductory Physics II

LI, L2 4 Credits

The second course of non-calculus two-course sequence in the basic principles of physics covering the general areas of heat (thermal physics), light, electromagnetism, and optics. The mathematical proficiency expected for this course is algebra and introductory trigonometry. This course satisfies the physics requirement for some majors, pre-health professional requirements, and can be used to satisfy a liberal studies program requirement. Four hours of lecture/discussion and three hours of laboratory per week. (Credit cannot be received for both 102 and 204.) (Required course fee) (*Sp, Su*) Prerequisite: PHY 101. Instructor consent is necessary for enrollment in 102 without completion of 101.

101. General Chemistry¹ and 101L General Chemistry Laboratory

LI, L2 4 Credits

A health science oriented survey course that introduced the basic concepts of inorganic and organic chemistry. Specific topics include: atomic theory, nuclear chemistry, compounds, chemical reactions, energy and organic functional groups. CHE 101 and 101L must be taken simultaneously. Four hours of lecture/discussion and one three-hour laboratory. (Required course fee) (Fa, Sp)
Prerequisite: CHE 098 or demonstrated proficiency in high school chemistry and algebra.

102. Biological Chemistry¹ and 102L Biological Chemistry Laboratory

LI, L2 4 Credits

A survey of organic chemistry and biochemistry that considers the structure and function of biomolecules (carbohydrates, lipids, proteins, and nucleic acids) and their metabolism. CHE 102 and 102L must be taken simultaneously. Four hours of lecture/discussion and one three-hour laboratory. (Required course fee) (Sp, Su) Prerequisite: CHE 101/101L with a grade of C or better.

109. Principles of Inorganic Chemistry and 109L Principles of Inorganic Chemistry Laboratory

LI, L2 4 Credits

An introduction to the basic concepts of modern inorganic chemistry. The topics in this course include units and measurements, stoichiometry, behavior of gases, liquids and solids, atomic structure, the periodic table, chemical bonding and kinetics. CHE 109 and 109L must be taken concurrently. Four hours of lecture/discussion and one three-hour laboratory. (Required course fee) (Fa, Su)

110. Principles of Analytical Chemistry and 110L Principles of Analytical Chemistry Laboratory

LI, L2 4 Credits

A continuing discussion of modern chemistry with a focus on quantitative analysis of chemical problems. Topics include thermodynamics, equilibrium, acid-base theory, and oxidation-reduction reactions. Modern instrumentation is utilized in the laboratory. CHE 110 and 110L must be taken concurrently. Four hours of lecture/discussion and one three-hour laboratory. (Required course fee) (Fa, Su)

112. Introduction to Statistics

LI 4 Credits

An introductory statistics course emphasizing applications to business, science and the social sciences. Topics include statistical description of data, distributions, random variables, and sample spaces, probability, sampling and sampling distributions, the Central Limit Theorem, estimations of parameters, hypothesis testing, confidence intervals, and use of the statistical calculator. On occasion, on-line sections of this course will be offered. (Fa, Sp, Su) Prerequisite: MAT 101 or placement recommendation and FYS level computer literacy.

205. Statistics and Experimental Design

4 Credits

Required for the psychology major and highly recommended for many others, this course teaches the data analysis procedures most widely used by researchers in the social and behavior sciences. Instructional emphasis will be learning which statistic to use, how to perform the data analyses and how best to communicate one's results. Students will gain extensive experience collecting, analyzing, thinking about and using statistical data. Computations will be done both by calculator and by computer. Four hours of lecture-discussion and one two-hour laboratory. (Lab fee required) (Fa, Sp, Su) Prerequisite PSY 101 and at least sophomore standing or special permission from the instructor.