

4. General Education prerequisite requirements and elective units also may be used toward a dual major or minor. (See *Dual Major* or departmental minor.) Consult the appropriate department chair, program coordinator, or faculty adviser for further information.

Supplemental Criteria for Selection into the Major

An application for admission to the university must be completed to determine the student's eligibility. A separate application with observation documentation must be submitted to the Admissions Office on or before December 1 for consideration into the program for the following year. All required prerequisites must be completed by the end of the spring semester prior to entering the major. A very limited number of students are admitted to the program each fall. Applications to the Physical Therapy Program will be screened during the spring semester.

The following admissions criteria are reviewed by the screening committee:

1. The student must apply to the university.
2. Completion of the prerequisite units as listed above.
3. A grade of *C* or better in each prerequisite and a total prerequisite GPA of 3.0 is required. An overall GPA of 2.5 is required. *CR/NC* grades, correspondence courses or independent study courses cannot be used for prerequisite requirements. Only those prerequisite courses completed by the end of the fall semester in which application is made will be counted toward ranking of candidates for selection into the major.
4. Completion of General Education requirements.
5. Evidence of knowledge of physical therapy through employment, volunteering, or observation in a physical therapy department for a minimum of 100 hours. Fifty hours must be in a general acute care setting; 50 hours may be in a special area of practice. All observation hours must be under the supervision of a licensed physical therapist.
6. Participation in a personal interview. Recommended foundation courses are high school chemistry, physics, algebra, geometry, and biology. Meeting the above criteria does not guarantee acceptance into the major.

Students transferring from community colleges and other colleges or universities

who meet the above criteria are considered on the same basis as California State University, Fresno students applying for admission to the major.

Criteria for retention and progression in the program include a grade of *C* or better in each physical therapy course and completion of all courses in the major.

Students must carry malpractice insurance, must purchase an appropriate laboratory coat, and must provide their own transportation to hospitals and clinics for off-campus classes and clinical laboratories. Additional laboratory fees may be required. Students must also provide for all expenses while taking the postbaccalaureate clinical internship. Expenses include student fees, housing, meals, and travel. For a supplemental application form, write to the Admissions Office, California State University, Fresno, 5150 N. Maple, Fresno, California 93740-0057 and include a stamped, self-addressed legal size envelope for requested return information.

COURSES

Physical Therapy (Ph Th)

105. Medical Terminology for Health Professionals (2)

Recommended for physical therapy majors, but open to all students. Study of word parts, definitions, spelling, analysis, synthesis, and use of medical vocabulary.

110. Patient Advocacy for Health Practitioners (3)

Prerequisite: Psych 10. May be taken concurrently with Psych 166. Recommended for health professions students, but open to all students. Exploration of psychosocial and cultural considerations and community resource management for persons with physical impairment. (Former HSW 101)

120. Professional Orientation (1)

An introduction to the professional practice of physical therapy, including roles and functions within the health care delivery system and professional responsibilities.

121. Patient Management Skills (3)

Selected theory and clinical application of therapeutic modalities and procedures in the treatment of physical disabilities, including physical agents, exercise, and massage. (2 lecture, 3 lab hours)

123. Introduction to Supervision for Physical Therapy Services (1)

Prerequisite: Ph Th 120. Principles of delegation of duties in provision of physical therapy services. Study of the role of the

staff therapist in provision of health care services. (Former Ph Th 143)

124. Research Methods in Physical Therapy (2)

Prerequisite: H S 92 or Math 11. Study of research design and critical reading of research literature.

125. Applied Human Anatomy of the Musculoskeletal System (4)

Prerequisite: PhyAn 64, 65. Study of the structure and function of the neuromusculoskeletal systems with emphasis on surface, muscle anatomy and joint anatomy, nerve and blood supply. Includes dissection lab and prosected materials. (3 lecture, 3 dissection lab hours)

126. Applied Pathophysiology (4)

Prerequisite: PhyAn 64, 65. Advanced study of physiology of body systems and responses to normal aging, environmental influences and pathological dysfunction, including cardiovascular, pulmonary, endocrine, and integumentary systems. Includes dissection lab and prosected materials. (3 lecture, 3 dissection lab hours)

127. Neuromuscular Processes

in Human Development and Aging (3)

The study of human development from birth to senescence with focus on concepts of motor and neurological development processes integral to evaluation and treatment intervention in neurological disability. (2 lecture, 3 lab hours)

128. Applied Human Anatomy and Biomechanics of the Neuromusculoskeletal System (2)

Prerequisite: Ph Th 125. Open to physical therapy majors only. Study of the structure, function and biomechanics of neuromusculoskeletal systems with emphasis on joints, spine, and gait. Includes dissection lab and prosected materials. (1 lecture, 3 dissection lab hours) (Former Ph Th 116)

130. Evaluation and Clinical Management of Musculoskeletal Conditions I (4)

A study of musculoskeletal disabilities with emphasis on evaluation techniques, methods of therapeutic intervention, and program planning. Includes selected lectures by medical practitioners in the medical-surgical management of orthopedic conditions. (3 lecture, 3 lab hours)

131. Evaluation and Clinical Management of Musculoskeletal Conditions II (4)

Prerequisite: Ph Th 130. A continuation of Evaluation and Clinical Management of