

BELLARMINE UNIVERSITY
IN VERITATIS AMORE

DONNA AND ALLAN LANSING SCHOOL OF NURSING & HEALTH SCIENCES

Doctor of Physical Therapy

The Doctor of Physical Therapy Program prepares students for licensure and practice in the field of physical therapy. Candidates for licensure in all states must hold a post-baccalaureate degree in physical therapy from an accredited institution. Students are admitted to the professional program after completing a bachelor's degree in a major of choice and all program prerequisites.

Physical therapists are healthcare professionals who provide service to individuals of all ages with physical impairments, functional limitations, disabilities or changes in physical function and health status resulting from injury, disease or other causes.

Treatment by physical therapists includes exercise, joint and soft tissue mobilization and manipulation, cardiovascular endurance training, the therapeutic application of heat, cold and electricity, neuromuscular reeducation, and activities of daily living training.

Physical Therapists find careers in settings ranging from hospitals and rehabilitation centers to private practices, pediatric facilities, home health agencies, school systems, higher education and research institutions, fitness and wellness centers, and nursing homes.

Students are admitted to the professional program after completing a bachelors degree, all program prerequisites and a competitive application process. Highly qualified Bellarmine University undergraduate students may be admitted to the Doctor of Physical Therapy Program after completing all prerequisite and general education courses (except IDC. 401) and a minimum of 90 semester hours.

Bellarmino undergraduate students receive the Bachelor of Health Science (BHS) degree after completing all university general education requirements, program prerequisites and the first year of the professional program. The university awards the Doctor of Physical Therapy (DPT) degree upon completion of the professional curriculum. Admission to the program is selective and competitive. Students attending Bellarmine as undergraduates receive preferential consideration for admission to the DPT program.

To apply, please do so through the Physical Therapy Centralized Application Service. The application is available at www.ptcas.org and has a \$120 fee. The priority application deadline is October 17 and the final application deadline is December 1.

Contact Information

You may contact Julie Armstrong-Binnix, Graduate Admission Officer at 800.274.4723 x8364, 502.272.8364 or julieab@bellarmine.edu. You may also contact the Office of Graduate Admission at 800.274.4723 x7200, 502.272.7200 or gradadmissions@bellarmine.edu.

PROGRAM ADMISSION REQUIREMENTS

Students are admitted to the professional program after completing a bachelors degree, all program prerequisites and a competitive application process.

Other requirements:

1. Complete the application at www.ptcas.org and pay the \$120 application fee.
2. Minimum pre-requisite GPA of 2.75 on a 4.0 scale
3. Minimum cumulative undergraduate GPA of 2.50 on a 4.0 scale
4. Seven of the ten prerequisite courses completed prior to January 1 of the admission year
5. Satisfactory completion of all program prerequisites prior to entering the professional curriculum
6. Grade of "C" or better in all prerequisites courses
7. Submit official Graduate Record Examination (GRE) score (within the last 5 years) to Bellarmine University (School Code 1056; Program Code 7674).
8. Twenty-five clock hours of documented work or volunteer experience in a physical therapy setting
9. Physical ability to perform physical therapist tasks
10. If your undergraduate degree is from an international institution, you were born outside the US, or English is your second language, you will be required to take the TOEFLiBT (internet-based test) and receive a total score of 83 or higher and a 26 or higher on the speaking test. The Physical Therapy Department reserves the right to require TOEFLiBT testing from any candidate. Information about the TOEFLiBT can be found at <http://ets.org/toefl/>.
11. Once admitted to the program, final official transcript(s) from each college or university attended should be mailed to the Office of Graduate Admission and not be marked "Issued to Student". Official transcripts must be received in the Office of Graduate Admission by May 31, 2012. The Physical Therapy Centralized Application Service does not provide your official transcript(s) to Bellarmine University.
12. If any transcripts or undergraduate degree(s) are from an international institution you must provide an official copy of a third party course by course credential evaluation. The following organizations offer this service and information regarding processes and fees available at: www.aacrao.org, www.wes.org and www.ece.org. The Office of Graduate Admission reserves the right to request a certified copy of the original transcript(s).

INTERNATIONAL APPLICANTS

In addition to completing the requirements of admission, please submit the following:

U.S. law requires financial statements from a bank or other financial institution certifying the student's ability to fund the cost of attendance for one academic year minus the amount of any scholarship dollars received. Figures should be in U.S. dollars and must be certified as an official document by the bank or financial institution. A sponsor may be used if the sponsor attaches a signed affidavit stating that he/she will financially support the student until completion of a degree at Bellarmine University. If a sponsor is used, the sponsor's bank statement should accompany the letter. **The amount that would need to be shown is \$50,306.** This amount includes tuition (\$11,000 per semester) and fees (\$35 per course) associated with the program and an average cost for living expenses, books, supplies, health insurance, transportation and personal expenses.

DPT PREREQUISITES

Bellarmino course equivalencies in parentheses.

- Two semesters of anatomy and physiology with lab (300-level Biology courses may be substituted)
- One semester of general biology with lab (BIOL 130)
- One semester of advanced physiology such as vertebrate physiology, mammalian physiology, exercise physiology or pathophysiology (BIOL 300 or 314; EXSC 240)
- Two semesters of college chemistry with lab (CHEM 103 and 104)
- Two semesters of college physics with lab (PHYS 201 and 202 or PHYS 205 and 206)
- One semester of psychology (PSYC 103 or 104)
- One semester of statistics (MATH 205)

CURRENT TUITION & FEES

Tuition for the 2012 DPT summer start will be available after November 1, 2011.

Graduate Tuition: \$11,000 per semester

Comprehensive Fee: \$35 per course

Students also will be responsible for any course fees (as printed in the course schedule), professional fees, and books. Students enrolled in the Doctor of Physical Therapy Program are required to complete a significant number of hours in local, regional and national clinical education sites. All students should expect reasonable travel requirements, including travel outside of the metropolitan Louisville area, to complete the clinical training necessary for graduation.

FAQ

What level of experience and education do the Doctor of Physical Therapy faculty members have?

Our faculty members are recognized experts in their respective areas and have a great deal of teaching experience. In fact, several of the faculty members have been teaching together in the Doctor of Physical Therapy (DPT) program for 25 years. Nearly all faculty are involved in clinical practice in addition to their teaching responsibilities, research and service. Five of our faculty members are board certified in orthopedics, sports, pediatrics, geriatrics, or clinical electrophysiology. In addition, the 10 full-time faculty, hold doctoral degrees.

What is the on-campus learning experience like?

All DPT classes are taught on the first and second levels of the 2120 Building on Bellarmine's Highlands campus. The classrooms are designed for seamless transition from lecture to activity-based learning. The DPT faculty often team-teach courses providing you access to at least two faculty in lecture courses and four faculty in laboratory courses. While the pace of the program is intense, and you will be in class or laboratory most weekdays from 8:00 a.m. to 5:00 p.m., the faculty members foster a mentoring relationship with students in both the classroom and research labs. We are able to offer year-round access to cadaver and model material in our attached gross anatomy lab. Additionally, the DPT program operates the Service Learning Clinic on the second level of the same building, where students provide free evaluation and treatment to individuals with a wide range of musculoskeletal, neurological, and developmental conditions. Under faculty supervision, students direct all aspects of the clinic including developing all policies, providing patient care, and managing mock billing. The clinic is available to students for skills practice and as a study area outside of operating hours.

What is the clinical learning experience like?

During the three year DPT program, you will have the opportunity to gain clinical experience at affiliates throughout the country in clinical education rotations. The program has clinical agreements with over 350 health care facilities and practices. During your first year in the program, you will travel to local clinical sites on various Fridays throughout the school year. During your second and third year, you will participate in four full time rotations - a 6 week clerkship and three 12 week internship blocks culminating in over 1680 hours of clinical experience. All students have practice requirements in the on-campus and off campus Service Learning Clinics. Students enrolled in the Doctor of Physical Therapy Program are required to complete a significant number of hours in local, regional and national clinical education sites. All students should expect reasonable travel requirements, including travel outside of the metropolitan Louisville area, to complete the clinical training necessary for graduation.

What unique opportunities will I have as a Bellarmine DPT student?

All students participate in integrated service learning throughout the DPT curriculum. You will be actively engaged in exploring and solving community-based needs for physical therapy intervention and expertise. Many of these service learning projects with community partners have been presented at local and national professional meetings, and many have been published in top rehabilitation and service learning journals.

Bellarmino's DPT program boasts an active international studies program. Over the past seven years, almost one-third of all DPT graduates have traveled to Curtin University in Perth, Australia. Reciprocally, students from Curtin University travel to Bellarmine to study here as well. We have also had international service learning experiences in rural Jamaica and are developing additional international experiences for our DPT students.

What is the admission process like?

We admit 48 students per cohort. Up to half the class may come from highly qualified Bellarmine University applicants. Three main criteria are used in selecting the class: the prerequisite GPA, the cumulative GPA and the interview.

In a typical year, we receive approximately 550 applications. Approximately 40 of those are Bellarmine undergraduate applicants and the remainder are graduate applicants. The faculty conducts individual interviews of 120 qualified applicants to select 48 candidates and a number of alternates.

Members of the incoming incoming 2011 class have an average cumulative GPA of 3.70 and an average prerequisite GPA of 3.70.

What is the application deadline and how do I apply?

The priority application deadline is October 17 of the year prior to your intended start date. The final application deadline is December 1. Please apply via the Physical Therapy Centralized Application service at www.ptcas.org. The cost is \$120.

When does the program begin?

The DPT program always begins at the end of May. Students participate in a one-day orientation at the beginning of May.

How can I finance my Bellarmine education?

Graduate students are eligible for up to \$20,500 in guaranteed Stafford Student Loans per academic year. Students may also explore the Grad PLUS Loan and alternative loans. Visit www.bellarmino.edu/financialaid for more information. Also, many local employers provide student loan payments as a bonus (or incentive) to new graduates in exchange for work commitments.

THE CURRICULUM

Year 1 Summer

- PT 505** Teaching and Learning in Physical Therapy Practice (2)
- PT 516** Psychosocial Responses to Illness, Disability and Healthcare (3)
- PT 524** Basic Patient Management (3)
- PT 532** Applied Clinical Anatomy (3)

Year 1 Fall

- PT 502** Research in Physical Therapy I (3)
- PT 535** Pharmacology (2)
- PT 540** Functional Anatomy (5)
- PT 560** Basic Patient Problems (5)
- PT 570** Human Performance and Health Promotion I (2)
- PT 580** Gerontology (2)
- PT 591** Service Learning In Physical Therapy I (2)

Year 1 Spring

- PT 545** Neuroscience for Physical Therapy (4)
- PT 548** Neurology for Physical Therapists (3)
- PT 555** Orthopedics for Physical Therapists (4)
- PT 575** Human Performance and Health Promotion II (3)
- PT 585** Physical Therapy Modalities and Wound Management (5)
- PT 592** Service Learning In Physical Therapy II (2)

Year 2 Summer

- PT 605** Research in Physical Therapy II (3)
- PT 675** Special Clinical Enrichment (1-6 credits)* **OR**
- PT 695** International Study Experience in Physical Therapy (2)*
- PT 690** Principles of Community Partnerships (1)
- PT 699** Orientation to Clinical Education (1)
- PT 700** Clinical Clerkship (5)

Year 2 Fall

- PT 610** Examination, Eval. and Intervention of the Extremities (5)
- PT 613** Dissection Laboratory in Human Anatomy (4)
- PT 640** Pediatric Physical Therapy (3)
- PT 670** Management in Physical Therapy (3)
- PT 680** Cardiopulmonary Physical Therapy (4)
- PT 691** Service Learning In Physical Therapy III (2)

Year 2 Spring

- PHIL 543** Bioethics (3)
- PT 630** Management & Treatment of Adult Neurological Patient (3)
- PT 635** Pathophysiology of Complex Patient Problems (3)
- PT 645** Rehabilitation Techniques in Physical Therapy (4)
- PT 650** Clinical Measures and Treatment II (4)
- PT 692** Service Learning In Physical Therapy IV (2)

Year 3 Summer

- PT 675** Special Clinical Enrichment (1-6 credits)* **OR**
- PT 695** International Study Experience in Physical Therapy (2)*
- PT 685** Professional and Legal Issues in Physical Therapy (2)
- PT 710/720/730 (10)**

Year 3 Fall

- PT 710/720/730 (10)**
- PT 740** Capstone Project (6)

Year 3 Spring

- PT 710/720/730 (10)**
- PT 750** Seminar (2)
- PT 765** Special Topics in Physical Therapy (2)

*optional course(s)

All courses require permission from the program director.

PHIL 543 Bioethics (3)

This course applies philosophical ethical principles to the field of health care and its delivery. Intended for graduate students with experience in the health care arena, the course focuses on practical problems confronting health care providers and utilizes the professional expertise and interests of the students.

PT 502 Research in Physical Therapy I (3)

An introductory course in physical therapy research. Validity and reliability issues in clinical research, basic clinical tests and measures and research consumerism that articulate with the professional courses taught during the first year fall semester will be emphasized. Permission of program director required. Fall semester. Offered yearly.

PT 505 Teaching and Learning in Physical Therapy Practice (2)

Basic principles of teaching and learning will be applied to physical therapy practice. A variety of instructional strategies will be utilized to prepare students to teach patients, family members, peers, other health professionals requiring on-the-job training, and other students. Sensitivity to age, gender, literacy, disability, and cultural differences will be addressed. Permission of program director required. Summer semester. Offered yearly.

PT 516 Psychosocial Responses to Illness, Disability, and Health Care (3)

Examination of factors at the individual and society levels that affect the health care system and influence illness behavior. There will be opportunity to explore the factors that affect successful patient-provider interaction, touching on communication, cultural issues and values of the client and provider. The student will also study issues of the dying patient and professional burnout. Permission of the program director required. Summer semester. Offered yearly.

PT 524 Basic Patient Management (3)

An introduction to patient care procedures necessary for physical therapists, especially in inpatient settings. The course will emphasize patient and practitioner safety, including prevention of nosocomial injuries and infections and the scientific and clinical application of exercise to a patient population. The role of exercise in physical therapy and the foundation of basic exercise principles will be presented. Introduction to and delivery of basic types of exercise, including passive, active-assistive, active range of motion, stretching, and progressive resistive exercise will be presented. Introduction to the basic principles of documentation using the Problem Oriented Medi-

cal Record, SOAP format and the Guide to Physical Therapy Practice will be presented. Permission of the program director required. Summer semester. Offered yearly.

PT 532 Applied Clinical Anatomy (3)

This course will integrate physical therapy clinical practice concepts with basic musculoskeletal and neuromuscular anatomy and basic histology. Kinesiological concepts of movement will be introduced. Permission of program director required. Summer semester. Offered yearly.

PT 535 Pharmacology for Rehabilitation (2)

Students will be introduced to principles of pharmacology, including pharmacokinetics, pharmacodynamics, and classifications of drugs used in the treatment of disease. Physical therapy implications of pharmacological treatment will be addressed, including recognition of adverse drug effects in patients commonly treated by physical therapists. Permission of program director required. Fall semester. Offered yearly.

PT 540 Functional Anatomy (5)

Basic clinic applications of static situations, connective tissue biomechanics, and vertebral and extremity muscle kinesiology. Clinical applications of joint mechanics, arthrology, normal and pathological human locomotion, and other movement patterns will be discussed. Permission of program director required. Fall semester. Offered yearly.

PT 545 Neuroscience for Physical Therapy (4)

This course is designed to prepare the physical therapy student to apply basic neuroanatomy and neurophysiology to patient populations. From this understanding, theories of motor control and movement science will be addressed. Permission of the program director required. Spring semester. Offered yearly.

PT 548 Neurology for Physical Therapists (3)

Neurological conditions and pathologies will be presented with an emphasis on the general medical approaches for the etiology, diagnosis, pathology, prognosis and the general medical treatment of the neurological patient. Pathology, medications, diagnostic tests, and the neurological exam will be covered in depth to enhance the physical therapist's understanding of the neurological patient. Permission of the program director required. Spring semester. Offered yearly.

PT 555 Orthopedics for Physical Therapists (4)

The role of the physical therapist in the management of common orthopedic problems will be presented. Etiology, pathology, evaluation, diagnosis and medical and surgical treatment of the patient will be presented. Permission of program director required. Spring semester. Offered yearly.

PT 560 Principles and Techniques of Musculoskeletal Examination (5)

A study of the methods by which one can identify, quantify and assess basic patient problems such as joint mobility, flexibility, muscle strength, posture, functional mobility, sensation and soft tissue integrity. The course will also provide instruction and experiences in the proper methods of documentation of patient evaluation and assessment. Permission of program director required. Fall semester. Offered yearly.

PT 570 Human Performance and Health Promotion I (2)

The course will focus on prevention of disease, promoting health, wellness, and fitness across the lifespan. Basic nutritional needs for health and athletic performance will be addressed. The course will lay the basic foundation of exercise physiology and prepare the student to describe the normal and abnormal physiological effects of aerobic and anaerobic exercise on different body systems for the well individual across the lifespan and for selected special populations with and without impairments. This course will prepare the student for the continuation course of PT 575 Human Performance and Health Promotion II. Permission of the program director required. Fall semester. Offered yearly.

PT 575 Human Performance and Health Promotion II (3)

In this course students will learn how to perform a health risk assessment, physical fitness and exercise evaluation, and interpret the results to develop appropriate exercise prescriptions and lifestyle recommendations for the well individual across the lifespan and special populations with and without impairments. This course will include lecture, community projects, and clinical experiences on and off campus in community centers and schools. Permission of program director required. Spring semester. Offered yearly.

PT 580 Gerontology (2)

An overview of social, psychological, emotional, and physiological changes that occur with aging and their cultural and socioeconomic influence on the aged adult population, with special emphasis on physical therapy management and intervention. Permission of program director required. Fall semester. Offered yearly.

PT 585 Physical Therapy Modalities and Wound Management (5)

This course provides instruction on the physiological effects, mechanical operation, and appropriate application of therapeutic modalities and physical agents used in physical therapy practice, and the proper delegation of these modalities to supportive personnel. A component of this course will address agents

that contribute to the healing response of wounds, and the role of the physical therapist in the management of patients with wounds and burns. Students will develop skills related to the assessment of tissue trauma and therapeutic interventions that facilitate healing. Permission of the program director required. Spring semester. Offered yearly.

PT 591 Service Learning In Physical Therapy I (2)

The first of a series of service learning practicum courses where students provide service to individuals and select groups from the Bellarmine University and surrounding communities. Permission of program director required. Fall semester. Offered yearly.

PT 592 Service Learning In Physical Therapy II (2)

The second of a series of service learning practicum courses where students provide service to individuals and select groups from the Bellarmine University and surrounding communities. Permission of program director required. Spring semester. Offered yearly.

PT 605 Research in Physical Therapy II (3)

Students will be instructed in advanced concepts of research methods and evidence based physical therapy practice. Integration of current research with the second year courses will be emphasized. Development and design of research projects will be carried out by the students under the supervision of the instructors. Permission of program director required. Summer semester. Offered yearly.

PT 610 Examination, Evaluation and Intervention of the Extremities (5)

A study of the clinical evaluation and treatment skills necessary to effectively manage the patient with extremity musculoskeletal dysfunction. Permission of program director required. Fall semester. Offered yearly.

PT 613 Dissection Laboratory in Human Anatomy (4)

This course provides a guided experience in the dissection of the musculo-skeletal and peripheral nervous systems of a human cadaver to students in the Physical Therapy Program. Permission of program director and course director required. Fall semester. Offered yearly.

PT 630 Physical Therapy Management of the Adult Patient with Neurological Disorders (3)

Basic clinical application in attempting to design and understand treatment programs for the neurophysiologically damaged adult patient. Concepts in motor control, motor relearning and treatment philosophies will be discussed and opportunities to apply them to real and simulated patients in order to create an effective rehabilitation program will be

available. Permission of program director required. Spring semester. Offered yearly

PT 635 Differential Diagnosis and Management of Patients with Complex Problems (3)

Students in this course will analyze the physical therapy management of patients with multiple medical problems. It will provide the background necessary to screen patients for the presence of disease and need for referral for further examination and testing. The pathophysiology of medical problems commonly existing with movement related dysfunction will be discussed with a focus on screening and differential diagnosis. Age, gender, ethnic and culture related factors will be integrated into the course. Professional communication between the physical therapist and other health care professionals, as well as communication between the physical therapist and client in relation to complex medical problems will be covered. Permission of program director required. Spring semester. Offered yearly.

PT 640 Physical Therapy Management of the Pediatric Patient (3)

This course will be an overview of normal motor and cognitive development in the first five years of life; the common motor and cognitive delays treated by physical therapists in children under 5 years old; assessment of developmental delays in children and treatment planning for delays. Permission of program director required. Fall semester. Offered yearly.

PT 645 Rehabilitation Techniques in Physical Therapy (4)

The rehabilitation management of patients with selected disabilities (spinal cord injury, arthritic patient, amputee) and the application of the specialized knowledge of the physical therapist to the long term rehabilitative setting. Information on orthotics, prosthetics, and wheel chair prescription will also be presented. Permission of program director required. Spring semester. Offered yearly.

PT 650 Examination, Evaluation and Intervention of the Spine (4)

A study of the clinical evaluation and treatment skills necessary to effectively manage the patient with vertebral column and trunk musculoskeletal dysfunction. Permission of program director required. Spring semester. Offered yearly.

PT 670 Management in Physical Therapy (3)

This course is designed to introduce the student to management and supervision issues common to physical therapy clinics and practices from all segments of the health care industry. The intent of the course is to increase the student's awareness and knowledge of management issues from the perspective

of both the staff therapists and the manager or supervisor of a physical therapy practice. Permission of program director required. Fall semester. Offered yearly.

PT 675 Special Clinical Enrichment (1-6 credits)

Elective course offered as necessary for students requiring additional time in clinical education placement. Clinical experiences will be determined by the Director of Clinical Education in conjunction with the program director to best meet the students' individual needs. Permission of program director required. Offered as needed.

PT 680 Physical Therapy Management of the Patient with Cardiovascular and Pulmonary Disease (4)

This course will prepare the student to perform specialized evaluation procedures, including vital signs, auscultation, and cardiovascular and pulmonary assessments, as appropriate for program planning in physical therapy. This course will prepare the student to treat the pediatric, adult, and geriatric patient with cardiovascular and/or pulmonary dysfunction in all settings ranging from acute care, to rehab, to home health, to long term care. This course will also cover physical therapy management of the diabetic patient as it relates to exercise. Permission of program director required. Fall semester. Offered yearly.

PT 690 Principles of Community Partnerships (1)

This is an introductory course in which students will identify a potential local partner with a community health need or a professional practice issue. Students will learn to frame the scope of the issue through the collection of background information by formal literature and internet searches, review of organizational or governmental policy websites, and/or focused interviews or meetings. Students will develop a proposal to address this need working with, and not for the community partner. This project proposal will provide the foundation for the implementation of the community partner project that is a substantial component of PT 691 Service Learning III and PT 692 Service Learning IV. The history of service learning, the role of the university and the professional in providing community service, and principles of forming effective partnerships will be discussed. Permission of program director required. Summer semester. Offered yearly.

PT 691 Service Learning In Physical Therapy III (2)

The third of a series of service learning practicum courses where students provide service to individuals and select groups from the Bellarmine University and surrounding communities. Permission of program director required. Fall semester. Offered yearly.

PT 692 Service Learning In Physical Therapy IV (2)

The fourth of a series of service learning practicum courses where students provide service to individuals and select groups from the Bellarmine University and surrounding communities. Permission of program director required. Spring semester. Offered yearly.

PT 695 International Study Experience in Physical Therapy (2)

This course will be offered as a 2 to 3 week study tour to international sites with an emphasis on physical therapy education or delivery models. The student will be exposed to health care delivery and educational models in a foreign country, as well as cultural, financial, political, legal and regulatory determinants of physical therapy care delivery. Pre-departure planning, on-location focus group discussions, and re-immersion reflection activities/assignments are required. Course can be taken three times for 2 credits each. Permission of the program director required. Summer semester. Offered yearly.

PT 699 Orientation to Clinical Education (1)

This course will provide the student with an orientation to clinical education, including specific clinical education policies and procedures, the clinical placement process, the use of the web-based student evaluation instrument, clinical instructor and facility evaluations, and an overview of student requirements prior to the clinical placement. Permission of the program director required. Summer semester. Offered yearly.

PT 700 Clinical Clerkship (5)

The first full time clinical experience in the curriculum consisting of 6 weeks (240 hours) in a clinical facility scheduled during the last half of the summer semester. Students are provided opportunities to develop professional behaviors and analytical problem solving skills as well as clinical practice skills in examination, evaluation and therapeutic intervention. Clinical settings may be inpatient or outpatient. Students are responsible for all expenses of travel to clinical education sites, including the expense of temporary housing and other living expenses. Prerequisite: PT 699; Permission of program director required. Summer semester. Offered yearly, and as needed.

PT 710 Acute Care Internship (10)

One of a series of three internships scheduled following the completion of didactic course work. PT 710 is a twelve-week, full-time internship (480 hours) in acute care physical therapy practice. Students will be assigned to facilities providing physical therapy to patients requiring medical and/or surgi-

cal intervention in an inpatient setting, such as hospitals or subacute units. Students are responsible for all expenses of travel to clinical education sites, including the expense of temporary housing and other living expenses. (Prerequisite: Permission of program director required.) Summer, fall and spring semesters. Offered yearly.

PT 720 Rehabilitation Internship (10)

One of a series of three internships scheduled following the completion of didactic course work. PT 720 is a twelve-week, full-time internship (480 hours) in a physical therapy practice within a multidisciplinary rehabilitation setting. Students will be assigned to facilities providing physical therapy to patients with neuromuscular dysfunction and/or complex problems. Settings may include rehabilitation hospitals, hospitals with rehabilitation units, free-standing multidisciplinary outpatient practices, and extended care facilities with appropriate patient populations. Students are responsible for all expenses of travel to clinical education sites, including the expense of temporary housing and other living expenses. Permission of program director required.) Summer, fall and spring semesters. Offered yearly.

PT 730 Community Based Internship (10)

One of a series of three internships scheduled following the completion of didactic course work. PT 730 is a twelve-week, full-time internship (480 hours) in a community-based physical therapy practice. Appropriate experiences include but are not limited to physical therapy practice in free-standing outpatient clinics, private practices, schools, specialty clinics, home health, industries, and wellness centers. Students are responsible for all expenses of travel to clinical education sites, including the expense of temporary housing and other living expenses. (Prerequisite: Permission of program director required.) Summer, fall and spring semesters. Offered yearly.

PT 740 Capstone Project (6)

This course provides the student the opportunity to demonstrate creative and unique competencies in physical therapy. The student will develop and answer an original question or provide community service related to physical therapy practice or theory. The student may select from the following three areas of capstone experiences: a community service partnership project; a clinical-based case report; or an empirical research project. Completed projects will be in a publishable format. Permission of program director required. Summer semester. Offered yearly.

PT 750 Seminar (2)

The focus of this course is to discuss and analyze the roles, responsibilities and expectations of the physical therapist as a primary health care practitioner. Issues related to ac-

countability, scope of practice, professional duty, providing and receiving referrals from other health care professionals, and the history of DPT development and how it has paralleled professional education in other fields (Medicine, Law, Pharmacy, Chiropractic, Optometry, Podiatry, etc.) will be discussed. Clinical and societal responsibility and advocacy for the primary health care practitioner will also be discussed. Permission of program director required. Spring semester. Offered yearly.

PT 765 Special Topics in Physical Therapy (1-6) Elective course, offered each semester. The student will be introduced to a special topic through directed study and /or research in physical therapy. Program and/or university faculty will provide individualized instruction with expertise in a particular area of research or knowledge related to physical therapy. Permission of program director required. Spring semester. Offered yearly and as needed.

PT 785 Professional and Legal Issues in Physical Therapy (2)

This course provides definitions of professional and legal theories and practice applications pertinent to practitioners. A variety of topics including professional decision making, reimbursement, patient rights, confidentiality, continuing education, whistle blowing, and other health and physical therapy related issues will be discussed. The students will also have to arrange for and report on an experience in health care in which professional and legal issues are exerting a critical influence. Permission of program director required. Spring semester. Offered yearly.

ESSENTIAL FUNCTIONS

Bellarmino University is committed to providing equal educational opportunities and full participation for persons with disabilities. It is the University's policy that no qualified person be excluded from participating in any University program or activity, be denied the benefits of any University program or activity, or otherwise be subject to discrimination with regard to any University program or activity. This policy derives from Bellarmine's commitment to nondiscrimination for all persons in employment, access to facilities, student programs, activities, and services.

During the admission process to the program, each student is informed and given a copy of the Essential Functions that they must be capable of completing with or without reasonable accommodation as a physical therapy student. Students are also given a copy of the Technical Standards.

Students accepted into the Bellarmine University Physical Therapy Program must be capable of completing the following Essential Functions, with or without reasonable accommodation:

1. Utilize appropriate verbal, non-verbal, and written communication with patients, families, and others.
2. Practice in a safe, ethical, and legal manner.
3. Determine the physical therapy needs of any patient with potential movement dysfunction.
4. Demonstrate the ability to apply universal precautions.
5. Safely, reliably, and efficiently perform appropriate physical therapy procedures used to assess the function of the movement system (list of essential assessment procedures follows).
6. Perform treatment procedures in a manner that is appropriate to the patient's status and desired goals (list of essential treatment procedures follows).
7. Develop and document a plan of care for a patient with movement dysfunction.
8. Recognize cultural issues and the psychosocial impact of dysfunction and disability, and integrate the needs of the patient and family into the plan of care.
9. Demonstrate management skills including planning, organizing, supervising, delegating, and working as a member of a multi-disciplinary team.
10. Apply teaching/learning theories and methods in health care and community environments.

ASSESSMENT AND TREATMENT PROCEDURES

Students must be capable of performing the following assessments and treatment procedures with or without reasonable accommodations:

Assessment Procedures

- Anthropometrical measures (length, girth and volume)
- Assistive device fit/use
- Balance
- Cardiovascular Endurance
- Cognitive/mental status
- Coordination
- Cranial and peripheral nerve function
- Developmental stage
- Functional abilities
- Gait
- Joint motion/joint play
- Movement patterns
- Muscle tone
- Pain
- Palpation
- Posture
- Pulmonary system
- Reflexes
- Sensation
- Skin integrity
- Soft tissue
- Strength
- Vascular integrity
- Vital signs
- Wound status

Treatment Procedures

- Cardiopulmonary Resuscitation (CPR)
- Cardiopulmonary rehabilitation
- Prosthetic/orthotic training
- Joint mobilization/manipulation
- Wheelchair prescription and mobility training
- Electrotherapy
- Soft tissue mobilization and massage
- Techniques of neurosensory approaches
- Developmental activities
- Recommend architectural adjustments
- Wound care
- Thermal agents
- Tilt table
- Hydrotherapy
- Relaxation techniques
- Postural drainage
- Traction
- Patient education
- Balance training
- Exercise techniques
- Gait training
- Transfer training
- Bed mobility training
- Functional training
- Coordination training
- Postural correction

TECHNICAL STANDARDS

Technical Standards define the observational, communication, cognitive, affective, and physical skills deemed essential to complete this program and to perform as a competent practitioner of physical therapy. With or without reasonable accommodation, students entering the program must be able to:

Observational Skills

- Use vision, hearing, and tactile senses in order to obtain information from patients or clients (such as but not limited to obtaining patient history, observation of movement, posture, skin integrity, heart/breath sounds, and signs of distress) and from the practice environment (such as but not limited to dials on equipment, diagnostic instruments, alarms, assistive devices, furniture placement, and floor surfaces).
- Observe lectures, laboratory demonstration, and other graphic images (including but not limited to EKGs, radiographs, DVD, and Internet resources) in order to receive complex information.

Communication Skills

- Communicate effectively and efficiently in oral and written English.
- Engage in respectful, non-judgmental interactions with individuals from various lifestyles, culture, races, socioeconomic classes, and abilities.
- Participate in group meetings to deliver and receive complex information, and to respond effectively to questions from a variety of sources.
- Receive and send verbal communication in life-threatening situations in a timely manner.
- Perceive and interpret non-verbal communication to elicit information such as mood and activities.
- Communicate clearly, legibly, and timely in written records; complete forms according to directions; possess computer literacy, including keyboard skills.

Cognitive Skills

- Measure, calculate, and reason.
- Analyze, integrate and synthesize information across the cognitive, psychomotor and affective domains in order to solve problems, evaluate work, and generate new ways of processing or categorizing information.
- Comprehend three-dimensional relationships and understand spatial relationships of structure.

Affective Skills

- Cope with the mental and emotional rigors of a demanding educational program; function effectively under stress.
- Acknowledge and respect individual values and opinions in order to foster harmonious working relationships.
- Demonstrate appropriate behavior and attitudes to not jeopardize the emotional, physical, and behavioral safety of individuals.
- Demonstrate integrity, honesty, and ethical behavior.

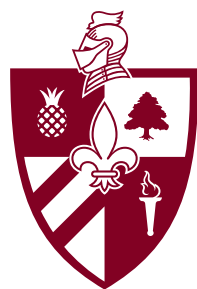
Physical Skills

- Sit, stand, walk, twist, bend, stoop, squat, reach with hands and arms, push/pull, lift, and carry.
- Demonstrate sufficient functional movement, balance, and coordination in order to safely and effectively participate in patient/client examination or therapeutic intervention; physical strength must be adequate to safely and effectively lift and manipulate body parts, assist patients in moving and walking, and perform CPR.
- Demonstrate sufficient fine motor control and coordination in order to safely and effectively manipulate small objects such as equipment dials, safety pins, tweezers, and other tools used for examination or therapeutic intervention.
- Demonstrate sufficient manual dexterity, strength, and endurance to engage in physical therapy procedures that involve palpating, grasping, pushing, pulling, and holding.
- Demonstrate sufficient strength and endurance to tolerate physically demanding workloads sustained over the course of a typical work or school day.

In each course syllabus, the following policy is written: "Students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Disability Services Coordinator. Please do not request accommodations directly from the professor. The Disability Services Coordinator is located in the Counseling Center, phone 502.272.8480.

Students are expected to inform an instructor if they are unable to participate in a class because of medical conditions or the existence of other precautions. A student has the right not to serve as a simulated client for other students or teaching purposes. However, a student must be aware that serving as a simulated client for another is a learning experience for both students.

When there is a potential risk to the student during lab experiences, students will be required to sign a written informed consent prior to participation in the class.



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