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PA	975	PA Education Practicum I	4
PA	976	PA Education Practicum II	4
PA	977	PA Education Practicum III	4
PA	978	PA Education Practicum I	4

### Scholarship

PA	960	Evidence-Based Research and Performance Improvement In Clinical Research	3
PA	961	Scholarly Project I	1
PA	962	Scholarly Project II	1
PA	963	Scholarly Project III	1

### Faculty Development

*PA Education Concentration course (9 credits total) - new courses within this proposal*

PA	990	Teaching and learning in PA Education	3
PA	991	PA Program Development, Implementation and Maintenance	3
PA	992	PA Program Evaluation and Improvement	3

*Two elective courses - 6 credits total to be selected from the following existing DMSc program courses*

PA	910	Organizational Behavior and Leadership	3
PA	920	Healthcare Administration	3
PA	930	Disaster Medicine	3
PA	940	Global Health Issues	3
PA	950	Healthcare Law	3

## DOCTOR OF PHYSICAL THERAPY PROGRAM

Program Director: Dr. W. Allen Moore

The mission of the Doctor of Physical Therapy program is to educate entry-level physical therapists prepared to assume the role of an ethical healthcare practitioner through the provision of competent, evidence-based practice in a variety of clinical settings and to promote active participation and effective leadership in all aspects of personal and professional life.

Upon completion of the program, students will

1. synthesize and apply the skills necessary to function as an ethical and competent practitioner of physical therapy in a variety of clinical settings;
2. accept personal responsibility for their own learning and seek out sources of information beyond the normal classroom and instructor supplied resources in order to meet or exceed the expected student learning outcomes;
3. demonstrate the skills necessary to critically evaluate and implement physical therapy services based on credible evidence that will support practice decisions; and actively engage in community action events that promote the profession of physical therapy and the mission of the University of Lynchburg.

Program prerequisites include the following:

Sciences - 31 semester hours

- 4 semester hours of biology with lab\*
- 8 semester hours of chemistry with lab\*
- 8 semester hours of physics with lab (non-calculus based)\*
- 4 semester hours of human anatomy with lab^
- 4 semester hours of human physiology with lab^
- 3 semester hours of advanced biology (includes histology, cell biology, microbiology, exercise physiology; other courses which satisfy this requirement may be considered)

Psychology - 6 semester hours

Writing Intensive courses - 9 semester hours (Freshman composition and other writing intensive courses accepted.)

Math - 6 semester hours

- Pre-calculus or above

- 3 semester hours of statistics

\* These courses should be equivalent to courses required in the science majors.

^Academic institutions offering human anatomy/physiology combination courses will suffice if both courses of sequence are completed; for example – four hours human anatomy/physiology I and four hours human anatomy/physiology II.

The DPT program’s admissions committee will review applicants’ coursework older than seven years to determine eligibility and approval for meeting the prerequisite requirements. This will ensure that applicants with previous coursework have the necessary knowledge/skills to be successful in the DPT program.

The DPT curriculum features an innovative hybrid model of instruction that combines primarily traditional, systems, and case-based methods. The educational principles upon which the curriculum is built include progressing from simple to complex concepts, progression from normal to abnormal and active integration of content, and dynamic review of previous content applied in subsequent coursework. The curriculum is reflective of the Normative Model of Physical Therapist Professional Education, which defines and describes entry-level physical therapist practice expectations.

The DPT curriculum contains components of didactic and clinical education that lead the student to a mastery of the skills, knowledge, and behaviors needed to become a competent and ethical entry-level physical therapist that provides evidence-based care to patients/clients across the continuum of care.

The DPT curriculum is a rigorous, progressive course of study, comprised first of foundational sciences and followed by study in the clinical sciences. Each annual class will enter and proceed through the curriculum as a cohort. Throughout the didactic education process, the DPT curriculum has been carefully planned and has implemented several integrated learning activities to maximize learning effectiveness, thus allowing the student the best opportunity to assimilate complex material effectively. Student learning will be assessed through written examinations, practical examinations, presentations, in-services, peer reviews, self-reflections, and through the Clinical Performance Instrument for internships.

Clinical education experiences are integrated throughout the curriculum to allow the student to practice and incorporate information learned through didactic instruction, as well as to provide a platform for the student to further develop the skills necessary to become an efficient and effective practitioner. The clinical aspect of the curriculum integrates a total of 40 weeks of internships in various patient/client management venues, culminating in one 16-week internship.

<b>DPT Curriculum</b>			<b>Hours</b>
DPT	710	Human Gross Anatomy	6
DPT	712	Human Physiology of Systems	3
DPT	713	Pharmacology for the Physical Therapist	2
DPT	714	Professional Practice in Physical Therapy I	2
DPT	716	Clinical Practice I	2
DPT	717	Clinical Practice II	3
DPT	718	Clinical Practice III	3
DPT	719	Clinical Inquiry	2
DPT	720	Pathology of Body Systems	3
DPT	721	Applied Kinesiology (with cadaver dissection)	4
DPT	723	Integrated Case Application Lab - I	2
DPT	724	Neuroanatomy	3
DPT	725	Motor Development and Motor Behavior Across the Lifespan	2
DPT	730	Professional Practice in Physical Therapy II	2
DPT	741	Student Professional Involvement I	1
DPT	742	Student Professional Involvement II	1
DPT	743	The Art of Anatomical Dissection: From Ancient Rome to the Renaissance	1-3
DPT	812	Diagnosis and Management of Patients with Musculoskeletal Dysfunction I	4
DPT	813	Diagnosis and Management of Patients with Integumentary Dysfunction	2
DPT	814	Diagnosis and Management of Patients with	4

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		Neuromuscular Dysfunction I	
DPT	815	Physical Therapy with Special Populations I	3
DPT	817	Psychosocial Aspects of Health Care	2
DPT	818	Exercise Physiology and Wellness	3
DPT	819	Clinical Inquiry II	2
DPT	822	Diagnosis and Management of Patients with Musculoskeletal Dysfunction II	4
DPT	823	Integrated Case Application Lab - II	2
DPT	824	Diagnosis and Management of Patients with Neuromuscular Dysfunction II	4
DPT	826	Diagnosis and Management of Patients with Cardiopulmonary Dysfunction	3
DPT	829	Differential Diagnosis for the Physical Therapist Practitioner	3
DPT	839	Clinical Internship I	4
DPT	841	Student Professional Involvement III	1
DPT	842	Student Professional Involvement IV	1
DPT	915	Physical Therapy with Special Populations II	4
DPT	917	Prosthetics and Orthotics	2
DPT	919	Clinical Internship II	4
DPT	923	Integrated Case Application Lab III	1
DPT	927	Practice Management and Leadership	3
DPT	928	Therapist Practitioner - Diagnostic Imaging	3
DPT	929	Clinical Internship III	4
DPT	939	Clinical Internship IV	8
DPT	941	Student Professional Involvement V	1
DPT	949	Comprehensive Review	2

*Total Hours Required*

115

### **ORTHOPAEDIC PHYSICAL THERAPY RESIDENCY PROGRAM**

Faculty Coordinator: Dr. Gary P. Austin

The University of Lynchburg Orthopaedic Physical Therapy Residency Program is a post-professional didactic and mentored clinical educational experience designed to: facilitate the acquisition and development of advanced clinical skills and fundamental clinical scholarship and teaching methods; and prepare specialists in orthopaedic physical therapy who demonstrate self-directedness, life-long learning, an understanding of self in the context of professional role, advanced skills in evidence-based orthopaedic clinical physical therapy practice, a commitment to the application of professional skills, knowledge of self in service to others, and a commitment to lead and affect positive change within orthopaedic physical therapy and the larger physical therapy community.

The Orthopaedic Physical Therapy Residency Program will provide learning environments and experiences in the clinic, laboratory, classroom, and on-line to acquire and develop skills in the areas of clinical practice, teaching, leadership, service, and clinical scholarship. These environments and opportunities will be problem-based, patient-centered, and evidence-based and will facilitate the appreciation of patient values, clinical expertise, and clinical research data necessary for the integration of the domains of clinical practice, instruction, and scholarship. The program will prepare graduates to contribute to the field of orthopaedic physical therapy through advanced clinical practice, clinical scholarship, teaching, leadership, and service.

#### **Objectives:**

The Orthopaedic Residency Program will prepare graduates to:

1. Support the missions of the University of Lynchburg, Graduate Studies, and Doctor of Physical Therapy Program in preparing clinical specialists who demonstrate integrity, value service to others, and assume leadership roles in professional communities.
2. Practice advanced evidence-based orthopaedic clinical skills.
3. Demonstrate fundamental skills in classroom/on-line clinical instruction.

4. Demonstrate fundamental skills in clinical scholarship.

			<b>Hours</b>
<b>OPT Curriculum</b>			
OPT	951	Advanced Clinical Reasoning and Evidence Based Practice	3
OPT	952	Applied Principles of Teaching and Learning	3
OPT	953	Advanced Clinical Inquiry	3
OPT	961	Advanced Management of Orthopaedic Disorders of the Upper Extremity	3
OPT	962	Advanced Management of Orthopaedic Disorders of the Lower Extremity	3
OPT	963	Advanced Management of Orthopaedic Disorders of the Axial Skelton	3
OPT	971	Clinical Residency – Orthopaedics I	3
OPT	972	Clinical Residency – Orthopaedics II	3
OPT	973	Clinical Residency – Orthopaedics III	3
<i>Total Hours Required</i>			27

**MASTER OF ARTS**

**MASTER OF ARTS IN MUSIC**

Program Director: Dr. Jong Kim

The MA in music provides advanced and in-depth training opportunities for both choral and instrumental conducting professionals in schools, churches, and community organizations. This degree affords students the opportunity for further professional development and enables them to seek and advance careers in conducting or in teaching at the secondary and post-secondary levels. It also prepares students for doctoral programs in choral or instrumental conducting.

**Program Overview:**

- Intensive summer graduate program in choral/instrumental conducting provides advanced and in-depth training for current conducting professionals.
- Courses are designed to address practical issues in choral/instrumental conducting to improve conducting skills and stylistic awareness.
- Students receive intensive and practical training in conducting, instrumental, and choral/vocal pedagogy, performance practices, score preparations, rehearsal techniques, and applied music.
- The 36-hour program can be completed in four summers or three summers and one academic year.

Upon completion of the program, students will:

- demonstrate effective rehearsal techniques and conducting skills;
- apply informed critical thinking skills and knowledge of music theory to determine composers’ intention from written scores;
- utilize research skills for the study of both primary and secondary sources in music;
- understand and interpret musical styles and performance practices of various musical periods in music;
- integrate various studies in music history, theory, and analysis into score study and preparation;
- demonstrate self-confidence as a professional conductor.

The master of arts in music candidate must complete 36 hours of coursework, including a full graduate conducting recital. In addition, the candidate must complete the capstone experience by passing a comprehensive examination in the areas of conducting, music theory, and music literature.

			<b>Hours</b>
<b>Music Core Courses</b>			14
Research Methods:			
MUSC	621	Research Methods in Music	3
Music History (choose two of the following):			6
MUSC	624	Music and Literature of the Baroque Era	3
MUSC	625	Music and Literature of the Classical Era	3