

CMP2 Clinical Skills and Knowledge Competency Examination (0)

Comprehensive practical examination of clinical skills and knowledge including, but not limited to, biomechanics, radiology, suturing, injections, venipuncture, and development of treatment plans based on oral case questions. Prerequisites-Corequisites: GMS 712, 718, 719, and 720.

MASTER OF SCIENCE IN ANATOMY PROGRAM

MASTER OF SCIENCE (M.S.)

John P. Nelson, D.P.M., Interim Dean and Associate
Dean of Clinics

Albert V. Armstrong, Jr., D.P.M., Assistant Academic
Dean

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THE PROGRAM

The Master of Science in Anatomy is a non-clinical, academic degree awarded through the School of Podiatric Medicine. Students must complete all degree requirements within two (2) years of matriculation.

Purpose Statement

The purpose of the Master of Science in Anatomy is to provide students with quality education in an environment that is conducive to both teaching and research. Students are exposed to broad-based knowledge in the anatomical sciences. Graduates may elect to use their Master of Science degree as a terminal degree or to continue their education in a medical or other doctoral program. A Master of Science degree may be applied to careers such as teaching (in junior colleges or small four-year colleges) and research (research assistants).

Program Goals

To accomplish its purpose, the Master of Science in Anatomy Program will provide training so that students will be:

- knowledgeable in the anatomical sciences as a result of didactic course work and applied research.
- capable of filling a shortage of gross anatomists in the teaching profession.
- knowledgeable in modern research procedures using light, transmission and scanning electron microscopy as well as histochemistry, autoradiography and other advanced research techniques.

- prepared to function morally and ethically in the context of research and academic environments.
- prepared to continue their education at the doctoral level.

ADMISSION REQUIREMENTS

Admission is generally offered only to candidates deemed to possess a high potential for success in graduate medical academics. Applicants will be considered for admission to the fall semester.

In order to be considered for admission to the University, a first-time graduate student:

- must have a bachelor's degree or equivalent from a regionally accredited or internationally recognized college or university with a GPA of 3.0 or greater on a scale of 4.0, especially in the last two years of study.
- must take and achieve a combined score of 1000 or higher in the verbal and quantitative tests in the Graduate Record Examination (GRE).
- must have a background in the sciences, including upper-level courses in biology, chemistry, physics, and mathematics.
- must complete the Barry University Graduate Application form. The application is accessible online from the program web site (<http://www.barry.edu/anatomy/default.asp>).
- must provide a dossier of official college transcripts as well as a minimum of three letters of recommendation from faculty in the major department of the applicant's undergraduate studies. Applicants may submit an assessment form from the department head on behalf of the department in which the applicant has studied, or letters from employers or supervisors if the applicant has recently been employed in a scientific field.
- must participate in a personal interview, which is arranged by invitation of the Admissions Committee.

Applicants who do not give evidence of being native English speakers or who have not graduated from an institution where English is the primary language of instruction are required to submit scores from the Test of English as a Foreign Language (TOEFL). The minimum acceptable paper-based TOEFL total score is 600; if the computer-based TOEFL is taken, the minimum total score is 250; if the internet-based TOEFL is taken, the minimum total score is 100. Applicants should make arrangements to take the test at least three to six months before the semester opening date to assure timely processing of their applications.

APPLICATION PROCEDURE

The completed application form, letters of recommendation, official GRE test results, official transcripts from all undergraduate institutions attended, and official TOEFL results (if applicable) should be sent to:

Office of Admissions
Master of Science Program in Anatomy
Barry University
11300 N.E. 2nd Ave
Miami Shores, FL 33161

The Admissions Committee for the program will review all applications. Acceptable candidates will be invited to visit the campus for a personal interview. A formal letter of acceptance or rejection will be forwarded to the candidate within two weeks of the interview. Candidates will have four weeks to accept or decline the offer. If the offer is accepted, candidates will post a deposit of \$200.00 with their acceptance letter.

ADMINISTRATIVE POLICIES AND PROCEDURES

Registration

All students are assigned a faculty advisor. All students must complete appropriate registration forms during times designated by the School of Podiatric Medicine. All registration forms must be approved by faculty advisors. Completed registration forms are processed by School of Podiatric Medicine personnel and forwarded to Cashier/Business Office and the Registrar. Students who fail to complete registration requirements, including appropriate financial arrangements with Cashier/Business Office, within 10 working days of the first day of each semester will **not** be permitted to attend classes or laboratories, nor will they be permitted to take examinations or participate in other School activities. The School of Podiatric Medicine may notify scholarship programs, lenders, and all other appropriate parties should the student fail to register in a timely manner.

Drop-Add and Course Withdrawal

A period of registration adjustment (i.e., drop-add) is provided to students during the first week of each semester. During this time, students may change their schedules with the written approval of their advisor. Students should realize that the curriculum is intense, structured, and allows that only minor modifications may be made. Addition of elective courses requires permission of the Dean or Assistant Academic Dean.

The withdrawal deadlines for the School of Podiatric Medicine are Friday of the tenth week of the Fall and Spring semesters and Friday of the sixth week of the Summer semester; if the deadline falls on a University

holiday, it will be extended to the next business day. The dates are found on the School of Podiatric Medicine calendar and are posted prominently near classrooms, offices, and lounges. Students may withdraw from a course until the term deadline without penalty. The student's transcript will show a "W" beside the course from which he/she has withdrawn. Consultation with the student's advisor and approval of the Dean or Associate Academic Dean is required for withdrawal. Withdrawal from a course may severely limit the number of courses a student may take in future semesters; many courses require "prerequisites."

Students withdrawing from Gross Anatomy (GMS 590) will not be permitted to continue their studies until Gross Anatomy is satisfactorily completed. A student who fails a prerequisite course will be withdrawn from subsequent courses that require its successful completion; this will be effected by administrative action shortly after the end of the term. A student who withdraws from a class after the withdrawal deadline receives a failing "F" grade. Advisor's and Dean's approval and signature are required in any case of schedule modification.

Comprehensive Examinations

Students must complete and pass written comprehensive examinations, which are required for the degree. The content of the examinations will include all core courses.

Transfer Policy

A minimum residency of two semesters at Barry University is required. Students who enroll in the Barry University School of Podiatric Medicine (BUSPM) may qualify to transfer credit in an analogous graduate-level course that they have completed outside BUSPM. However, curricula, course requirements, and grading policies vary greatly among courses taught by different instructors in different Barry University schools and/or different institutions. Consequently, a grade of A or B in a course completed in another department or at another institution does not automatically guarantee or entitle the student to receive credit for the same subject in the Barry University School of Podiatric Medicine. All requests for transfer credit must be submitted in writing to the Assistant Academic Dean before matriculating into the program.

To request credit for a course in a BUSPM course, a student must:

- Present official documentation (syllabi, official transcripts) from the previous institution that he/she obtained a grade of B or higher in the course. The Assistant Academic Dean will consult with the relevant BUSPM course instructor(s) as to the equivalency of the completed course(s) based on

syllabi and other resources (for example, information obtained from the previous instructor and/or department/school). The BUSPM instructor will determine the equivalence the previous course to the one given at BUSPM and inform the Assistant Academic Dean of his/her decision. The final determination of the equivalence of the two courses rests with the BUSPM course instructor.

- If equivalency is determined to exist, the Assistant Academic Dean will inform the student and the BU registrar regarding the assigning of credit and waiving further attendance of classes and taking of tests and quizzes in the course. Transfer coursework will not be used to compute the BUSPM GPA of the student.
- If equivalency is determined not to exist, students are strongly recommended to take the BUSPM course in its entirety and fulfill all requirements for successful completion of that course.
- However, students have the option of taking a Comprehensive examination(s) in the course administered by the BUSPM instructor for the course in question. Students must take the Comprehensive examinations within the first three days of the start of the semester in which the course in question is taught.
 - A student who takes the Comprehensive examination and achieves a score of 80.0% or more will receive full credit for the course. A grade of “CR” will be registered on the student record.
 - A student who takes the Comprehensive examination and achieves a score of less than 80.0% will take the BUSPM course in its entirety and fulfill all requirements for successful completion of that course.

Transcripts

Official transcripts are prepared by the Office of the Registrar. Transcript request forms must be completed and signed by the student before official transcripts are issued. At the request of the Cashier/Business Office, official transcripts will not be released to students (or other institutions) if the students have outstanding balances owed to the University (i.e., a “hold” will be placed on transcripts/grades).

Copies of student transcripts are never released without written authorization from the student or, in the case of a governmental investigative agency, without a court order or subpoena. The Office of the Registrar will inform students should this occur.

Incomplete Grades

A grade of Incomplete (“I”) indicates a failure to complete required work within the semester and implies the instructor’s consent that the student may make up the work that is deficient. The course instructor must inform the Dean or Assistant Academic Dean in writing when an “I” grade is issued. When the work is completed to the satisfaction of the instructor, the “I” grade will be changed to a letter grade. The instructor will forward a completed Grade Adjustment form for the grade change to the Dean or Assistant Academic Dean for signature, after which the form is sent to the Registrar. Students, under special extenuating circumstances, (e.g., illness, leave of absence, etc.) may be granted an “Incomplete” in a course. All unfinished written examinations and assignments must be completed by the end of Wednesday of the first week of the new semester. Laboratory examinations to complete missed work may be administered at a later time at the discretion of the faculty, based upon availability of necessary laboratory materials. If a grade is not reported within the time required by the School, the “I” becomes an “F”. Failure in any course in which an incomplete was issued will (1) reflect in a grade of “F” for the semester in which the course was originally registered, and (2) result in academic probation or suspension retroactive to the beginning of the semester in which the course work should have been completed. In addition, achieving a failing grade in a completed course may result in failure to meet published prerequisites for another course, and may therefore require a schedule adjustment (drop) in the semester in which the incomplete was unsatisfactorily completed.

Reporting and Recording of Grades

The Office of the Registrar mails semester grade reports to the most current mailing address provided by the student on personal data forms. Change of address notification is the responsibility of the student. Appropriate change of address forms are available from the Office of the Registrar. A “hold” will be placed on the grades/transcripts of any student who has an outstanding balance owed to the University, as indicated by the Cashier/Business Office. No grades/transcripts will be released by the School of Podiatric Medicine until such balances have been paid. If in good standing with the Cashier/Business Office, students may access their grades online with WebAdvisor.

The Office of the Registrar does not record percentage scores for any course or test; however, it does record permanently the letter grade earned by the student in every course he/she takes while in the School of Podiatric Medicine. Individual instructors must be contacted to obtain percentage scores earned in any particular course.

Student Health

Although the School of Podiatric Medicine does not require non-clinical students, such as those in the Anatomy program, to have health insurance, it is strongly recommended that every student secure and retain health insurance coverage at all times.

Students in the Master of Science in Anatomy program must also comply with all other applicable requirements of Student Health Services, as noted in the “Student Life” section of the Barry University Graduate Catalog.

ACADEMIC POLICIES AND PROCEDURES

Attendance

Attendance is required (i.e., mandatory) in all School of Podiatric Medicine courses, including lectures, laboratories, seminars, and demonstrations. An instructor may, at his/her discretion include attendance (or the lack of it) as part of the grade a student achieves while enrolled in a course. Students are responsible for all material and assignments covered in missed course sessions as well as all examinations, including unannounced quizzes. Attendance at scheduled examinations is mandatory. Examinations may be given in the evening or on Saturday due to space limitations.

Academic Integrity and Behavior

Promotion of academic integrity and ethical professional behavior are goals of the School of Podiatric Medicine. Cheating or plagiarism will not be tolerated within the School of Podiatric Medicine. Refer to the “Policies and Procedures” section of this catalog and the Barry University Student Handbook for definitions of cheating and plagiarism. A student who gives or receives information or assistance during a testing session will automatically fail and earn 0% as an exam or quiz grade. The same consequence will apply to any proven case of plagiarism. Further, the individual(s) will be referred to the Dean for appropriate disciplinary action and the incident will be documented in the student’s file. Any student who is referred to the Dean for violation of the dishonesty policy on two occasions will be dismissed from the University.

Professional Conduct Code

(See Student Handbook)

Advanced Standing

Candidates for advanced standing may transfer to the School of Podiatric Medicine from another school of medicine. Students who were previously accepted into School of Podiatric Medicine need not apply. Legitimate candidates must be in good academic standing in the previously attended school of medicine with a cumulative grade point average of at least 3.00 with no failing grades, except when the course has been successfully repeated. An application, appropriate academic records (official undergraduate and graduate transcripts, MCAT, GRE or other applicable standardized test scores) and a letter from the Academic Dean and/or Dean of Student Affairs must be included among the applications. Based on the candidate’s qualifications, the School of Podiatric Medicine Admissions Committee may require additional credentials.

Students who have completed graduate-level courses in institutions of other health professions (for example, allopathic or osteopathic medical schools, dental schools) may obtain credit for courses toward the Master of Science in Anatomy by two mechanisms: by transfer and by examination. All requests for advanced standing must be made through the Assistant Academic Dean and must be supported by course syllabi and official transcripts of grades. Such requests must be made in the first two weeks of the first semester of study in School of Podiatric Medicine or, for first year, first semester courses, prior to the start of classes. All thesis-related research courses must be completed in School of Podiatric Medicine.

Students who have taken courses outside of the School of Podiatric Medicine may qualify for credit in the analogous School of Podiatric Medicine course. However, curricula, course requirements, and grading policies may vary greatly among courses taught by different instructors in different departments or different institutions. As a result, a passing grade in a course completed in another department or at another institution does not automatically entitle the student to receive credit for the same subject in the School of Podiatric Medicine.

To obtain transfer credit in place of successfully completing a School of Podiatric Medicine course, a student must:

- submit a request for transfer credit in writing to the Assistant Academic Dean and
- document that he/she obtained a grade of B or higher in an equivalent course within the past three years. The Assistant Academic Dean will consult with the relevant course instructor(s) to determine the equivalence of the completed course based on syllabi and other resources (for example, information obtained from the instructor or department).

To obtain credit by challenge in a School of Podiatric Medicine course, a student must:

- submit a request for credit by challenge in writing to the Assistant Academic Dean;

- document that he/she obtained a grade of C or higher in an equivalent course. The Assistant Academic Dean will consult with the relevant course instructor(s) to determine the equivalence of the completed course based on syllabi and other resources (for example, information obtained from the instructor or department); and
- successfully complete a comprehensive examination administered by the instructor of the School of Podiatric Medicine course. Comprehensive exams must be completed by the student no later than the end of the first week of the semester in which the course in question is taught.

Students who take the comprehensive examination and obtain a score of 80.00% or higher will receive the full credit for the course. A grade of “CR” will be registered on the student record.

A student who completes the comprehensive examination with a grade of less than 80.00% must take the School of Podiatric Medicine course in its entirety and fulfill all requirements for completion of that course.

Financial Aid

Loans, scholarships and other financial aid information are available through the Office of Financial Aid. It is the student’s responsibility to seek out that information.

Academic Advisement

The Dean or Assistant Academic Dean assigns to every student matriculating at School of Podiatric Medicine an academic advisor. Full-time faculty members in the Anatomy program assume academic advising responsibilities. Advising assignments may be changed by the Dean or Assistant Academic Dean at the request of the student or faculty member. The responsibilities of School of Podiatric Medicine students relevant to advisement are:

- to be aware of the educational objectives of the institution and observe them.
- to comprehend the institution’s criteria for evaluating student progress in all academic programs.
- to fulfill the institution’s standards for academic success and continuance in programs for graduation. The institution is under no obligation to grant a degree or keep the student enrolled in the program if he/she fails to maintain satisfactory academic progress.
- to understand and complete all degree requirements for graduation that were published at the time the student matriculated.
- to make his/her own academic decisions after consultation with the advisor. The advisor’s role is to advise the student; the final decision must be made by the student.

GRADES AND GRADING POLICY

The following grades may be recorded for a course:

A	90% – 100%
B	80% – 89.99%
C	70% – 79.99%
F	below 70%
I	Incomplete (changes to F if work is not completed by the end of Wednesday of the first week of the next semester)
IP	In progress (for Master of Science Research Thesis course only)
CR	Credit (completes course requirements, no grade points)
NC	No credit (does not complete course requirements, no grade points)
W	Withdrew from course before the School of Podiatric Medicine withdrawal deadline.

The School of Podiatric Medicine does not use plus or minus letter grades. The grade/honor point associated with each of the letter grades is noted in the Barry University “Academic Information” section of this catalog.

Satisfactory completion of all courses, including rotations and seminars, is necessary for the student to graduate. Students must maintain a grade point average (GPA) of 3.00 or higher, with no more than 8 credits of “C” grades. Should a student achieve “C” grades in excess of 8 credits, a grade of “F” or “NC” in any course, or achieve a cumulative GPA less than 3.00, the student’s course instructor(s) and the Assistant Academic Dean will meet to determine if the student shall be permitted to continue in the program. Additionally, the student may submit a written appeal to the Assistant Academic Dean at this time. If the student is permitted to continue, he/she will be required to repeat the course(s) and achieve a minimum grade of “B”. A grade of “C”, “F”, or “W” in a repeated course will result in immediate dismissal from the program. In all instances, the decision of the Assistant Academic Dean is final. Students repeating a course in any of the circumstances cited above may be required to repeat all or part of the course at the discretion of the course instructor.

The type, content, and frequency of examinations will be determined prior to the beginning of each course by the faculty member directing the course. This information will be presented in writing to the students at the beginning of the course. In keeping with the policy of academic freedom, each faculty member reserves the right to determine the percentage of the final grade that is comprised of attendance, attitude, professional behavior, examinations, quizzes, laboratory assignments, etc.

A test may be administered outside the scheduled examination time only when extenuating circumstances warrant it and at the discretion of the faculty member.

The student must make every possible effort to notify the instructor prior to an examination for permission to reschedule the test. Failure to follow this policy will result in an F grade being assigned to the examination.

Academic Good Standing

A student is considered to be in good standing academically when the student maintains a semester GPA of at least 2.00 AND a cumulative GPA of at least 3.00, having no unresolved F grades, and having no outstanding financial obligations to the School of Podiatric Medicine.

School of Podiatric Medicine does NOT provide any remediation mechanisms for failures on either an examination or an entire course. Failed courses must be repeated in their entirety. Unsatisfactory resolution of an F grade or withdrawal from any course that is repeated will lead to automatic suspension from the University. Repeated courses will usually result in extending the length of a student's education.

Academic Probation – Suspension

A student in the Master of Science in Anatomy Program will be placed on academic probation if he/she:

- 1) achieves a semester GPA below 2.00
OR
- 2) achieves a cumulative GPA below 3.00
OR
- 3) earns an F grade in any semester.

Students who are not in good standing will be periodically reviewed by the Assistant Academic Dean to determine eligibility to remain in the program. The Assistant Academic Dean of the School of Podiatric Medicine may require a student on probation to register for a limited course load, resulting in extension of the student's education.

Probation will be lifted after completion of the next semester of active registration if the student achieves a cumulative GPA of 3.00 or higher with no new F grades.

A student in the Master of Science in Anatomy Program will be suspended if he/she:

- 1) achieves a GPA of less than 1.00 in any semester
OR
- 2) qualifies for academic probation for two consecutive semesters
OR
- 3) earns more than one F grade in any semester, regardless of GPA.

If a student is repeating a course to resolve a grade deficiency, a minimum C grade must be earned in the repeated course. An F grade in, or withdrawal from any course that is repeated will lead to automatic suspension from the University.

A student who has been suspended for academic reasons generally may not petition for readmission until two academic terms have lapsed. The Registrar's Office must have the approval of the Assistant Academic Dean or Dean of the School of Podiatric Medicine to readmit a student following suspension.

A student who withdraws from one or more courses in a semester is eligible to register for the withdrawn course(s) in the next semester it (they) is (are) offered. The student may not register for any advanced course that explicitly requires the withdrawn course as a prerequisite.

Students who achieve three (3) F grades may be dismissed from the School of Podiatric Medicine and the University.

Graduation Requirements

To graduate, candidates for Master of Science in Anatomy degree must:

- satisfactorily complete the program of study;
- have attained a grade point average of 3.00 or higher on a 4.00 scale, with no more than eight (8) credits of C grades and no outstanding grades of "F", "NC".
- successfully pass comprehensive written and oral examinations.

ACADEMIC APPEALS AND GRIEVANCE

Students have the right to appeal any grade which they feel was inappropriately assigned. Students will be allowed a maximum of 10 business days after the grade for a quiz or examination is made available to challenge that grade with the course instructor, unless otherwise specified in the course syllabus. If informal discussions with the faculty member do not resolve the appeal, the student must present, within 15 business days of receipt of the grade in question, an appeal in writing to the Assistant Academic Dean of School of Podiatric Medicine, who will respond within 5 business days. If the response of the Assistant Academic Dean does not satisfy the student, the student may appeal in writing, within 2 business days of receipt of the Assistant Academic Dean's response, to the Dean of School of Podiatric Medicine. The Dean will respond within 5 business days of receipt of the appeal. The decision of the Dean regarding the appeal is final. Students who do not challenge or appeal a particular grade within the appropriate time periods as described waive all future rights to appeal/challenge of that grade. Nonacademic grievance and appeal procedures are outlined in the Barry University Student Handbook.

ACADEMIC CURRICULUM

Enrollment occurs in the fall semester. Due to the intensive nature of the one-year curriculum, the course schedule is prescribed and no electives will be offered. The curriculum is continuously reviewed and is subject to change at the discretion of the program.

Sample Program of Study

Fall Term	Credits
General Anatomy w/lab	6
Histology and Cell Biology w/lab	5
Research Methodology, Epidemiology & Statistics	3
Biochemistry I	3
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	17
Spring Term	
Neuroanatomy w/lab	3
Lower Extremity Anatomy w/lab	4
Biomedical Ethics	1
Biochemistry II/Nutrition	3
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	11
Summer Term	
Clinical Neurology	2
Human Developmental Anatomy	3
Medical Microbiology I (Immunology)	2
Library Research Paper	1
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	8

Anatomy Course Descriptions— Prefix: GMS

527X Biochemistry I (3)

Introduction to the fundamental aspects of biochemistry. Topics include protein structure, enzyme kinetics, and basics of carbohydrate, lipid, and amino acid metabolism and their interrelationships.

528X Biochemistry II/Nutrition (3)

This is a continuation of GMS 527. Topics covered include biochemistry of purines and pyrimidines, fundamentals of molecular biology, biochemistry of hormones, biochemistry of special tissues, nutrition and its relation to disease.

536X Basic Research Methodology (3)

Introduction to experimental design, biostatistical methods, and theoretical and statistical analysis of data. Epidemiological concepts will include population dynamics, trends in diseases and disorders, rates, screening, and public health programs.

547X Neuroanatomy w/lab (3)

Presentation of the morphologic and physiologic aspects of the nervous system. Clinical correlations are incorporated to emphasize the important anatomic structures and pathways. Lecture and lab.

550X Histology and Cell Biology w/lab (5)

Presentation of the normal microscopic structure of the human body. Emphasis will be placed on the integration of the morphology with the biochemical and physiologic process of the body. Lecture and Laboratory.

553X Biomedical Ethics (1)

An introduction to bioethics relevant to podiatric medical practice: valid consent, confidentiality and privacy, issues in death and dying, and the podiatric code of ethics.

590X Gross Anatomy w/lab (6)

Study designed to expose the student to the macroscopic aspects of human morphology. Complete dissection of a cadaver will be correlated with surface anatomy, radiology and other clinical information. Lecture and lab.

610X Clinical Neurology (2)

Emphasis on clinical presentation of disorders commonly involving the nervous system with particular emphasis on neuromuscular disorders and peripheral neuropathies. Problems of the nervous system such as muscular dystrophies, tumors, strokes, trauma, and seizures are described. Prerequisite: 547.

623X, Medical Microbiology I, (2)

Comprehensive study of medical immunology, medical bacteriology, medical mycology, medical virology and medical parasitology. The courses survey the interaction between the human host and the pathogens, characteristics of pathogens, epidemiology, pathogenesis of disease, and treatment. Anti-infective agents will also be discussed, including modes of action, spectra of activity, and specific mechanisms of resistance. Prerequisites for GMS 623: GMS 527, 528, 550, 590.

625X Applied Lower Extremity Anatomy w/lab (4)

Provides a thorough knowledge of the anatomical structures of the lower limb, using standard anatomical terminology. Information of clinical interest included where relevant. Prerequisite: GMS 590 for GMS 625; GMS 625 for GMS 557.

642 Human Developmental Anatomy (3)

Introduces student to structural development of the human embryo. Lectures, discussions, and student presentations will be included. No laboratory. Prerequisites: GMS 550, GMS 590.

654 Research Techniques Seminar (1)

Provides a theoretical understanding of techniques that may be encountered in the research laboratory. Topics to be presented by faculty and students may include histochemical staining, immunohistochemistry, electrophoresis, nucleic acid and protein blot analyses, polymerase chain reactions, in situ hybridization techniques, cell and tissue culture, gene expression from recombinant vectors, monoclonal antibody production, enzyme-linked immunosorbent assays, radiologic and non-radiologic detection of cellular components, and others.

697 Special Topics (1-3)

Analysis and discussion of contemporary topics. Evaluation of recently published research literature. Seminars and discussions with invited speakers.

806 Library Research Paper (1)

This paper is required for senior students and serves to develop skills in literature review and presentation.

PHYSICIAN ASSISTANT PROGRAM

MASTER OF CLINICAL MEDICAL SCIENCE (MCMSc)

Doreen C. Parkhurst, PA, MD, FACEP, Associate Dean, Program Director

Keith L. Moore, JD, PA-C, Associate Program Director

Richard Fien, MD, MPH, FACC, Director of Didactic Education

Samuel Cleveland, DO, FACEP, Medical Director

Randi Cooperman, MCMSc, PA-C, Associate Director of Clinical Education, Miami Shores

Carmen Queral, PhD, MPH, PA-C, Director of Clinical Site Development and Retention

Terry Helopoulos, MMS, PA-C, Operations Director, St. Petersburg

Cynthia Ferchak, MS, PA-C, Faculty Chair of Admissions, Director of Clinical Education

Wendy Hoon Langen, MCMSc, PA-C, Director of Physical Diagnosis Course, Miami Shores

Whitney Lester, MPAS, PA-C, Associate Director of Clinical Education, St. Petersburg

Debbi Hanson, MCMSc, PA-C, Associate Director of Didactic Education, St. Petersburg

William Demshok, MS, PA-C, Associate Director of Didactic Education, Miami Shores

Lee Goldberg, MD, Adjunct Professor, Core Faculty

The Program

A Physician Assistant (PA) is a highly qualified health care provider who has been prepared, through a demanding academic and clinical curriculum, to provide health care services under physician supervision. PAs gather and evaluate medical data and participate in the process of clinical decision-making, diagnosis, and therapeutic management.

All students who successfully complete the Barry University Physician Assistant Program (Program) will be awarded both the Master of Clinical Medical Science degree and the Physician Assistant Certificate.

Program Website

This catalog is published annually. The Program website www.barry.edu/pa contains the most recent information about the Program as well as a section titled “errata” reflecting Program changes that will appear in the next catalog.

Program Location

The Program seats students at the Barry University campus in Miami Shores and at St. Petersburg College, through a partnership with the University Partnership Center. The faculty teaches from each site via interactive videoconferencing. Applications to either campus are processed through the Central Application Service for Physician Assistants (CASPA).

Vision Statement

Our vision is that our graduates will be PA leaders in health care technology and clinical practice.

Mission Statement

The Barry University Physician Assistant Program educates students in the practice of collaborative medicine and encourages life-long learning and professional development. It fosters a technology rich environment and clinical training experiences among diverse patient populations. The Program enables students to develop competencies required to meet the health care needs of contemporary society.

Program Objectives

The purpose of the Program is to prepare well-trained health care providers who will extend and complement the capabilities of physicians in the delivery of health care.

The Program:

- Prepares students to be competent and compassionate health care providers.
- Prepares students to be collaborators in interdisciplinary health care teams.
- Emphasizes the importance of critical inquiry and lifelong dedication to continuous learning and self assessment.
- Cultivates the professional behaviors and values of the helping professions.
- Promotes the importance of health maintenance, health education and the prevention of disease for individual patients and communities.
- Prepares students to practice evidence based medicine that improves the quality and effectiveness of health care.