



MEMORANDUM

TO: President Edward T. Foote II

FROM: ~~X~~ Barbara L. Hoadley *BH*
Secretary to the Faculty Senate

DATE: October 27, 1989

SUBJECT: Faculty Senate Legislation #87025(B) -
Establishment of a Master of Science Degree (MS), with a
concentration in Physical Therapy, and a Master of Science in
Physical Therapy Degree (MSPT)

Recently it was brought to my attention that the letter of transmittal, legislation and capsule sheet for Faculty Senate Legislation #87025(B) are in error. In reviewing the original proposal from the Physical Therapy Department and the minutes of the Senate Council and Faculty Senate meetings, it appears that they do not reflect the correct wording approved by the Senate. Therefore, to clarify the two names I have prepared a corrected letter of transmittal, legislation and capsule sheet.

10/31

Don. Phanto.

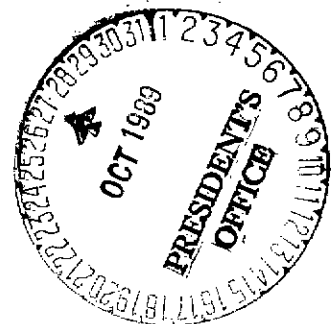
F

BH/s

Attachments

cc: Provost Luis Glaser
Associate Dean Jo Anne Hecker
Mrs. Dorothy Ball

Faculty Senate
325 Ashe - Admin. Bldg.
Coral Gables, Florida 33124
(305) 284-3721



CORRECTED COPY

**Faculty Senate Action, 87025
Class B Legislation**

At its meeting of April 11, 1988, the Faculty Senate approved the creation of a *Master of Science* degree (MS), with a concentration in Physical Therapy, and a *Master of Science in Physical Therapy* degree (MSPT) in the Graduate School. A description of the program is attached.

[This action is subject to the three year provisional approval and is subject to review after three years by the Senate. The third year shall elapse in the Spring of 1992.]

CORRECTED COPY

CAPSULE: Faculty Senate Legislation #87025(B) -
Establishment of a Master of Science (MS) Degree, with a
concentration in Physical Therapy, and a Master of Science in
Physical Therapy (MSPT) Degree

RESPONSE BY THE PRESIDENT:

DATE: 12/31/87

APPROVED: Ure 327

OFFICE OR INDIVIDUAL TO IMPLEMENT OR PUBLISH: Provost

EFFECTIVE DATE OF LEGISLATION: _____

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____



MEMORANDUM

TO: President Edward T. Foote, II

FROM: Dr. John Knoblock
Chairman, Faculty Senate

DATE: May 6, 1988

SUBJECT: Faculty Senate Legislation #87025(B) -
Establishment of a Master of Science Degree in
Physical Therapy and a Master of Physical Therapy



At its meeting of April 11, 1988, the Faculty Senate voted to approve Faculty Senate Legislation #87025(B) - Establishment of a Master of Science Degree in Physical Therapy and a Master of Physical Therapy. The text of the legislation is attached for your action.

JK/b

Attachment

cc: Provost Luis Glaser

Faculty Senate Action, 87025
Class B Legislation

At its meeting of April 11, 1988, the Faculty Senate approved the creation of a *Master of Science* degree in Physical Therapy and a *Master of Physical Therapy* in the Graduate School. A description of the program is attached.

[This action is subject to the three year provisional approval and is subject to review after three years by the Senate. The third year shall elapse in the Spring of 1992.]

CAPSULE:

Faculty Senate Legislation #87025(B) -
Establishment of a Master of Science Degree in
Physical Therapy and a Master of Physical Therapy.

RESPONSE BY THE PRESIDENT:

DATE: 5/26/88

APPROVED: Yes [Signature]

OFFICE OR INDIVIDUAL TO IMPLEMENT OR PUBLISH: _____

EFFECTIVE DATE OF LEGISLATION: _____

NOT APPROVED AND REFERRED TO: _____

REMARKS (IF NOT APPROVED): _____

Proposal for the Degree in Psychobiology - (First Reading)

Dean David Wilson, College of Arts and Sciences, explained the background of the psychobiology major that has been in existence since 1983. He noted that the program approved by the College Council had never been forwarded to the Senate for approval. As part of his presentation, Dean Wilson responded to questions raised by the Senate review committee. Upon recommendation of the Senate Council, it was *moved*, and seconded, to approve the program as presented. The *motion carried*. A *motion* to waive the second reading was *unanimously adopted*.

Proposal for Degree in Physical Therapy (First Reading)

Dr. Pamela Ferguson, Dean of the Graduate School, briefly summarized the background of the existing Physical Therapy Program and its move from the School of Education to the Medical School in May 1985. Professor Sherrill Hayes, Director of the program, presented the Master of Science in Physical Therapy requirements and the Master of Science program and discussed the difference between the two programs. Upon recommendation of the Senate Council, it was *moved*, and seconded, to approve the program as presented. The *motion was unanimously adopted*. A *motion* to waive the second reading *carried*.

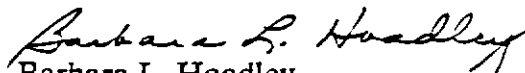
Report on Parking

The Senate reconfirmed its position that faculty ought to have a closed-access parking lot in which there is no ticketing for faculty and that the lot should be provided from the fringe benefit rate. The *motion carried by acclamation*. The Chairman noted that the recommendation from the Associate Vice President for Business Affairs was consonant with the Senate's recommendation with the exception that it still permits ticketing.

General Education Requirements (Revised)

Dr. Knoblock reviewed the revised General Education Requirements document. It was *moved*, and seconded, to address the issue of areas of knowledge in the final document and to appoint an editorial committee to deal with this and other questions of style. The *motion carried*. It was *moved*, and seconded, to approve the mathematics requirement as written, with the request that the School of Business appropriately describe and label MAS 110 to reflect its content. The *motion carried with two opposed*. The *main motion as amended was unanimously adopted*.

The meeting adjourned at 5:40 P.M.


Barbara L. Hoadley
Secretary to the Faculty Senate

the title be amended to read "Policy on Fraud and Misconduct in Research" and that one six-man committee ought to be sufficient for the entire University.

Revised Patent Guidelines

Dr. Robert Rubin, Chairman of the University Patent and Copyright Committee, informed the Council that the current University copyright policy is that faculty who write and copyright books have no obligation to the University for that intellectual property. However, an idea related to a job description or classification at the University that is patentable, is considered intellectual property owned by the University. According to the University patent policy, any revenues realized from a patent are split in thirds to the faculty member, his or her department, and the University. Dr. Rubin stated that the Administration has considered software as copyrightable, text material. It was *moved*, and seconded, to return the document to the Research Council with the strong recommendation that the text is inappropriate. *The motion was unanimously adopted.*

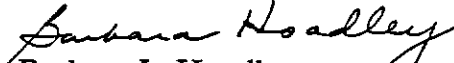
Report on Physical Therapy Proposal

Dr. Brass, presented the report of the ad hoc committee to review the Physical Therapy proposal. Ms. Hayes distributed lists of faculty, projected student enrollments, and budgets projected for the next three years. She reported that the program has internal accreditation and that a site visit is scheduled for May for national accreditation. The Master of Science in Physical Therapy (MSPT) is the entry level practitioner for physical therapy at the graduate level with a strong emphasis on research. The proposed Master of Science program would accommodate physical therapists who hold bachelor degrees in physical therapy. The degree (MS) would have a research component and a required thesis. Both programs have been approved by the Medical School Council and the Graduate Council. *The motion to recommend to the Senate the proposed programs was unanimously adopted.*

Distinguished Service Award

Dr. Knoblock reported on his discussion with the President regarding the presentation of an Outstanding Service Award to be named for Mr. James McLamore, Chairman of the Board of Trustees. After discussion of several nominees, it was agreed to present the award to a single recipient. It was *moved*, and seconded, that Mr. Bunn Gautier be named as the first awardee of the McLamore Distinguished Service Award. *The motion was unanimously adopted.*

The meeting adjourned at 5:45 P.M.


Barbara L. Hoadley
Secretary to the Faculty Senate

Review of OSCAR (cont.)

should those courses be closed. This would allow a student to complete registration during one visit to the registration area. Some flexibility has been built into the system to allow a student to return to the registration area to change a section of a course. However, the student would have to obtain the proper signatures to change a course selection not already approved by an advisor. Each academic area will have daily access to course tally screens to assist in advising.

Academic Probation Regulations Report

Dr. Frederick Tims, Chairman of the Academic Probation Regulations Committee, reported statistics from several comparable institutions regarding graduation and attrition rates. Several proposals are being discussed and such areas as freshman attrition, academic bankruptcy, and freshman forgiveness are being considered by the committee. The Chairman indicated that category I and II students and those on full or partial scholarships tend to leave the University in fewer numbers than those students admitted in the lower categories. The Council viewed anything less than a significant limitation on the number of credits probationary students can take, detailed monitoring, and a restriction of forgiveness to the freshman year as being as counter-productive to the retention problem. After discussion, it was *moved*, and seconded, that the Chairman appoint a committee to look into the effect of the residential colleges on the retention rate. *The motion carried.* Dr. Knoblock will request that Dr. Ash report to the Council on the status of our residential college system.

Physical Therapy Proposal

Dr. Brass, chairman of the sub-committee to review the Physical Therapy proposal, reviewed the deliberations and recommendations of the committee. The differences between the MSPT and the MPT degrees were discussed. It was *moved* by Dr. Tims, seconded by Dr. Allegro, to recommend to the Senate approval of the Master of Physical Therapy degree for persons coming into the program at the entry level and the Master of Science in Physical Therapy for those persons who have a Bachelor's degree in Physical Therapy. *The motion carried.* The Committee will extract from the proposal pertinent data to include an extrapolation of the number of students, the curriculum, participating faculty, and a projected budget. Dr. Brass made two suggestions for additions to the new guidelines for reviewing programs: 1) that a letter of request be obtained from the relevant librarian certifying that library projections have been reviewed; and 2) that the appropriate administrator indicate his review and approval of the budget projections.

The meeting was adjourned to Executive Session by Dr. Knoblock.

SENATE COUNCIL MEETING

January 11, 1988

- PRESENT:** George Alexandrakis, Anthony Allegro, William Awad, Garrett Brass, Janice Hayes, John Knoblock, Chairman, William Werther for Linda Neider, Donald Randolph, Charles Hicks for Susan Seiler, Frederick Tims, and Kamal Yacoub.
- GUESTS:** James Ash, Eugene Clasby, Paul Dee, George Gilpin, Luis Glaser, Steven Green, Marian Jefferson, Howard Pospesel, Fraser White, and Barry Zwibelman.

CALL TO ORDER AND APPROVAL OF MINUTES

The meeting was called to order at 2:00 P.M. by Dr. Knoblock. Excused absences were approved for Professors Honikman, McQueen, Neider, Seiler, and Swan. The second sentence of Semester Length, page 2 of the November 9 minutes was amended to read: "... increasing the length of the semester to not less than 138 nor more than 142 days per year." The minutes of December 7 were approved as submitted.

PROPOSAL FOR PROGRAM IN PHYSICAL THERAPY

Dr. Knoblock appointed Drs. Garrett Brass, Anthony Allegro, and Janice Hayes as a committee to review the proposal for a Ph.D. in Physical Therapy in the School of Medicine. Dr. Brass will serve as Chairman and will present a written evaluation of the proposal to the Council and Senate.

REPORT ON THE BUDGET

Dr. Steven Green, Co-chairman of the Faculty Senate Budget Committee, summarized three reports prepared in response to a request by the Faculty Senate. They were: 1) the Comparative Report on the Library which shows that our position is constantly eroded due to the absence of funds for that area; 2) the 1986-87 Schools and Colleges Average Services and Supplies Expense per Credit Hour which shows expenditures in the academic units by faculty and credit hours; and 3) the Analysis of Spending for the Year Ended May 31, 1987 which shows the actual expenditures and priorities of the University. Dr. Clasby, Co-chairman of the Budget Committee, commented on the budget process and the concern of the faculty associated with it. He emphasized that two open and frank meetings were held with the Provost in which salary structures, faculty development, the library, and other budgetary matters were discussed. He expressed disappointment in hearing that salary determination and other budgetary decisions that were made were never communicated to the faculty representatives before they were announced. The Provost emphasized that the 1988-89 budget is extraordinarily tight and will reflect major cuts. Because enrollment drives the budget, and is projected to decrease over the next few years, there are few resources available for any particular activity.

Ph.D. in Ergonomics (First Reading)

Dr. Alexandrakis introduced the Council's motion recommending approval of the Ph.D. in Ergonomics in the Department of Industrial Engineering. Dr. Tarek Khalil, Chairman, responded to questions regarding funding of the program, the number of Ph.D. programs existing in Ergonomics, and the formal participation of departments in the Schools of Business and Medicine. He was asked to provide an updated financial statement, and to secure a formal vote of the faculty in the School of Business. It was requested that a more definitive description of the program be provided, including the faculty who are charged with the supervision of the program.

Ph.D. in Business (First Reading)

Dr. Alexandrakis presented the Council's motion recommending approval of the Ph.D. in Business and summarized the sub-committee's report. Dean Borsting commented on the importance of the proposed program to the School, and the sub-committee's reservation about inadequate library support for the new program. It was moved by Dr. Zaller, seconded by Dr. Yacoub, to strike "Council" in C2 so that the approval of the Senate is required to lift the restriction on admission to the areas of marketing and accounting. The amendment failed by a vote of 4 in favor, and 10 opposed.

Name Change for the Department of Religion

Dr. Knoblock presented the Council's recommendation for approval of the name change of the Department of Religion to the Department of Religious Studies. The motion carried.

Program in Physical Therapy

The Chairman requested the Senate to grant an additional year of temporary approval for the program in physical therapy since it has never been approved. The motion carried.

Establishment of Awards

The Chairman suggested the establishment of two awards: 1) outstanding contribution to knowledge, and 2) outstanding service to the University. These would be established on the occasion of the twenty-fifth anniversary of the Charter, announced at the May 4 meeting, and presented in the Fall. The motion carried.



8/10/86
COPY

Executive Vice President and Provost

MEMORANDUM

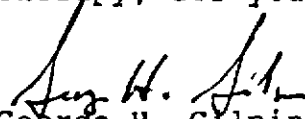
October 29, 1986

TO: Dr. Sidney L. Besvinick, Associate Provost and Dean
for Research and Graduate Studies

FROM: Vice Provost

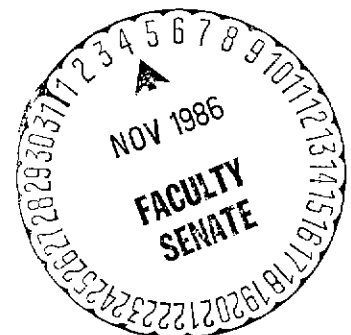
SUBJ: Master's Degree in Physical Therapy

The Office of the Provost requests that the Graduate Council begin consideration of a Master's Program in Physical Therapy. I am forwarding material provided by Professor Hayes, Acting Director, Program in Physical Therapy, for your information.


George H. Gilpin

GHG/mhr

cc: Dr. Luis Glaser
Professor Sherrill Hayes
✓ Dr. John Knoblock



UNIVERSITY OF
Miami
SCHOOL OF MEDICINE

October 23, 1986

TO: Dr. Luis Glaser
Executive Vice President and Provost

FROM: Sherrill H. Hayes
Acting Director, Program in Physical Therapy *SHH*

RE: University Senate Approval for Entry-Level Master's Program
in Physical Therapy, School of Medicine

As per your request, this letter is to request approval from the University Senate for the Entry-Level Master's Program in Physical Therapy, School of Medicine, Department of Orthopedics and Rehabilitation.

This program was unanimously accepted by the Medical School Council at the June 25, 1986 meeting. See enclosed copy of minutes.

As further background information for the Senate Council members, I am enclosing documents prepared for the Medical School Council - (Rationale for the Program in Physical Therapy, June 2, 1986), as well as a document from the Application for Interim Accreditation prepared for the American Physical Therapy Association Commission on Accreditation in Education (Major Strengths of the Additional Educational Program).

Finally, I have enclosed copies of the new informational brochure for the Program in Physical Therapy, describing the application procedure, pre-requisites, philosophy, and curriculum.

If I can provide any additional information, please do not hesitate to contact me.



PROGRAM IN PHYSICAL THERAPY
5801 Red Road
Coral Gables, FL 33143
(305) 284-4535

RATIONALE FOR PROGRAM IN PHYSICAL THERAPY, MASTER'S ENTRY LEVEL,
UNIVERSITY OF MIAMI, SCHOOL OF MEDICINE

(Prepared by Sherrill H. Hayes, Acting Director, Program in Physical
Therapy, June 2, 1986, for the Medical School Council)

HISTORY OF THE TRANSITION TO POST-BACCALAUREATE EDUCATION:

In 1979, the House of Delegates of the American Physical Therapy Association, (APTA), passed a ruling that all physical therapy education programs would move to a post-baccalaureate entry level by the year 1990.

This stance was re-affirmed in 1980, with the separation of the Accreditation of physical therapy programs, and the post-baccalaureate education issue.

In 1983, the APTA became the sole accrediting body for physical therapy education in the U.S.

In the Spring of 1985, after much discussion, both public and within the National Association, the "mandate" for post-baccalaureate education was modified. Preliminary standards for accreditation of physical therapist education programs have been presented at several national meetings for feedback and discussion, with the "preference for the entry-level at the post-baccalaureate degree level".

NEED FOR THE PROGRAM AT THE UNIVERSITY OF MIAMI:

Currently, there are only 12 accredited Master's entry-level education programs for physical therapy. None of these are in Florida. Additionally, in the Spring of 1986, the Florida State Board of Regents rejected any plans from the 3 State Universities to move to the Master's Entry Level for physical therapy. This then places the Master's Entry program at the University of Miami in a unique position - offering the only Master's Entry program in the State of Florida. Students may enter this program already holding a Baccalaureate degree in a related field, (or they may phase into the Program following completion of 3 years of study in the College of Arts and Sciences, Health Sciences Curriculum in the Department of Biology.) Many of these students (post-baccalaureate) have previously sought a second Baccalaureate degree in physical therapy. The desire for a Master's entry level physical therapy degree is preferable for most of these individuals, given the fact that, although intense, the Master's Entry level degree gives them an advanced degree of study, in a calendar time frame of not much

longer than a conventional Baccalaureate degree program in physical therapy.

The demand for physical therapy services in the next twenty years will continue to increase. It has been estimated that there will be a nationwide shortage of physical therapists of approximately 20-25,000 by the year 2000. This shortage can be related to the increase in the aged population, with a resultant increase in demand for services, as well as the changing health care system and the provision of services. Also, with an estimated excess of dentists and physicians, more individuals (specifically males) will be seeking alternative careers in professions such as Physical Therapy.

Further, competition for positions in Programs in physical therapy has always been strong. While the national ratio of applicants to students accepted is approximately 5:1, some schools at the Baccalaureate level have ratios of acceptance exceeding 10:1. Additionally, according to a recent document from the APTA's Department of Education, the ratio of applicants to acceptance in Master's Entry-Level Programs in Physical Therapy is 10:1. This fact is important for the University of Miami. With a larger pool of applicants, the University of Miami would have a competitive edge to accept only the strongest applicants, for a stronger, more successful program.

Finally, the University of Florida, and Florida International University, are in the process of offering an Advanced Master's Degree program in Physical Therapy for physical therapists with Baccalaureate degrees. The University of Miami, Program in Physical Therapy, also has a preliminary model for an Advanced Master's Program for physical therapists. Competition within the state for Advanced Master's Programs of study will be strong, but the Program in Physical Therapy, University of Miami, School of Medicine, is well positioned for this market.

In essence, there will be one Entry-Level Master's Program in Physical Therapy, with the degree to be awarded a Master of Science in Physical Therapy (M.S.P.T.), to be awarded by the School of Medicine. An additional Program, the Advanced Master's Degree in Physical Therapy, is for graduate physical therapists desirous of advanced training in research, education, and clinical specialization in one of several areas in physical therapy. This Program would award a Master's of Physical Therapy (M.P.T.), or a professional Master's degree, from the School of Medicine.

EMPLOYMENT OPPORTUNITIES:

Physical Therapy is considered to be one of the most viable career opportunities through the end of the twentieth century. There exists today, in the South Florida region, a continual shortage of physical therapists, and a need for competent physical therapy graduates to meet the needs of the growing population of this region.

ADVANTAGES TO THE SCHOOL OF MEDICINE AND THE UNIVERSITY OF MIAMI:

The School of Medicine and the University will benefit from increased full-time enrollment. The program model is one of 3 + 3 years, with the first 3 years housed within the School of Arts and Sciences, in the Health Sciences Program, Department of Biology. The School of Arts and Sciences will therefore benefit from increased enrollment, with students matriculating through the curriculum in the Pre-physical therapy sequence. The University benefits from having two (Entry-level, and Advanced level) scientifically-based programs to compliment the Schools of Medicine and Nursing. Additionally, these graduate programs require the completion of research endeavors which should further increase the University of Miami's prestige when some of these efforts reach presentation and publication status.

Additionally, according to a recent publication from the APTA's Department of Education, faculty in Master's Entry Programs in Physical Therapy were nearly twice as active in advising student research, and 50% more active in conducting their own individual research, as compared to faculty in Baccalaureate Programs in Physical Therapy. These statistics confirm the idea that faculty in a Master's Entry Level Program in Physical Therapy are more actively involved in research, and that they should be recognized as both an academic and a professional discipline.

In planning for future growth, the idea of a Ph.D. Program in Physical Therapy, is not only possible, but extremely desired. Currently, there are only four Ph.D. programs in Physical Therapy in the United States, and none of them are in the southeastern part of the country (Boston, New York, Texas, California). The ability and potentiality of providing an interdisciplinary Ph.D. program within the framework of the School of Medicine is a further indication of the possibilities which may exist in the future.

Finally, there is a national shortage of physical therapy faculty in educational programs across the country. The shortage is most acute for faculty holding a doctoral degree. (only 26% of the faculty nation-wide held doctoral degrees in 1984). By support of the Program in Physical Therapy through salary parity, research support and decreasing excessive teaching loads, the University of Miami will be more competitive in the recruitment market of qualified faculty, as well as retain qualified faculty. A future Ph.D. program within the Medical School will serve not only to increase full and part-time enrollment at the University, and prepare more doctorally-prepared faculty, but also to train and retain some of these potential Ph.D. candidates as faculty within the University of Miami.

(Taken from the Application for Interim Accreditation, Program in Physical Therapy - Additional Program: Entry Level Master's Program; submitted June, 1986, to the Commission on Accreditation in Education, American Physical Therapy Association, Alexandria, VA)

STANDARD X

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Major Strengths of the Additional Education Program:

1. Entry-Level Master's Degree - the curriculum has been expanded in both the professional preparation, and the pre-professional preparation. In the format of a 3 + 3 model, students will have a broader general education background, and an increased professional curriculum.

2. Strengthening of Professional Content - the curriculum has been re-organized to give greater emphasis to "the basics", which have long been skimmed due to expansion of specialized content (i.e. exercise physiology, research methodology, specialized evaluation procedures in orthopedics and neurology, etc.). This change has been in response to graduates' comments, clinical instructors' comments, and employers of recent graduates. By building on a firmer foundation, increased content in specialty areas can be more readily grasped and competent decision-making enhanced.

3. Increased Reliance on Self-Directed Learning - the new curriculum has increased responsibility placed on the learner in the format of individual and group investigations of specific topics, with oral and written presentations required. This will result in a practiced "educator" - one who will be readily comfortable with peer group in-service education presentations, and also an educator of his/her patients, family or the community. Improved ability in written communication and an appreciation for, and dedication to, the research effort in physical therapy will follow.

4. Increased Institutional Support of the Program - the Program in Physical Therapy now resides in the School of Medicine ... It is significant to note that the institutional move to continue the program after discontinuance has strengthened the administrative structure and potential for the Program in Physical Therapy.... The Program now has important linkages within the Medical School environment (and control of the budget and operation of the Program).

5. Increased Collegiality Within the Institution at Large - improved communications between the Program in Physical Therapy and the Medical School have occurred since the administrative move. The Department of Research and Graduate Studies has been supportive, as well as interested in pursuance of further programs of study (i.e. a Ph. D. in physical therapy.) Additionally, the School of Arts and Sciences has been not only supportive of our Program but our Mission as well. Our students are housed in the School of Arts and Sciences for the first three years (if in the 3 + 3 model), and A & S has already revised their brochures to reflect the change of School for the Program, have counselled their students regarding the Program, and have approximately 20 students per year for the next two years, who are electing Physical Therapy as their major in the 3 + 3 model.

6. The Only Master's Entry Level-Physical Therapy in Florida - the Program in Physical Therapy at the University of Miami will be the only Entry Level Master's Program in the State of Florida for a long time. The State Board of Regents recently denied the petition by the three state universities who have physical therapy programs in the state of Florida, to raise the entry level educational preparation for physical therapy. At present, two of these state universities have elected to pursue Advanced Master's Programs in Physical Therapy, and continue with Baccalaureate Physical Therapy Degree programs. This factor places the Program in Physical Therapy, Entry-Level Master's Degree, at the University of Miami, in a very favorable position, with respect to applicants and selection of candidates.

Factors Which are Believed to be in Need of Attention:

1. Faculty - the academic year 1986-87 is a transitional year with respect to faculty. The Program has been fortunate in securing several qualified local persons for the faculty and Director's positions, some of which are on a part-time basis. A National search will be undertaken as early as August, for a permanent Director, and permanent faculty members. With the administrative shift, and budgetary control, the Program in Physical Therapy now has the means to competively attract persons highly qualified for the positions available. Further, it is anticipated that with the growth of the Program in terms of numbers of students, the FTE's for the Program will be increased in order to maintain an adequate faculty-student ratio in a graduate program of studies.

2. Space - the facilities of the Program in Physical Therapy have been increased for the year 1986-87 with an additional classroom, and two offices. With the additional faculty projected, and the research capabilities expanded, more space will be required in the next two to three years. Space occupied in the existing building may be increased, or additional space may be secured within the Medical School confines, which will be determined over the next academic year. It is estimated that space requirements for administration of the Entry-Level Master's Program, with lecture rooms, laboratory space, faculty office space and conference room, storage space, secretarial space, and clinical facility, would require a minimum of 10,000 square feet. (Present space is approximately 3,000 sq. ft.)

3. Faculty Practice and Clinical Component - a mechanism of enabling faculty to continue with clinical practice in order to maintain clinical skills, pursue clinical research, demonstrate clinical competence and relevance for "mentoring" of students, and supplement academic income must be sought. Several possible mechanisms exist, with a clinical component on the Coral Gables campus, as well as clinical participation within the Medical School confines (Jackson Memorial Hospital), with reciprocal academic participation by the clinical staff from the Medical School in the Program in Physical Therapy.

4. Marketing, Public Relations - new brochures and literature regarding the Entry-Level Master's Program in the School of Medicine are currently being developed, for distribution in high schools (for the 3 + 3 model) and colleges and universities (for the post-B.S. model). Public relations efforts have already begun, and will be increased in order to promote the Program in Physical Therapy at the University of Miami as a strong program, unique to the State of Florida, and offering students a unique opportunity to enter a challenging and dynamic program preparing the professional physical therapist of the future.

HAYES, SHEPHERD
MDE
PHYSICAL THERAPY
CORAL GABLES
5801 RED ROAD.

UNIVERSITY OF Miami

SCHOOL OF MEDICINE

1985-1986 MEDICAL SCHOOL COUNCIL

Dr. Bernard J. Fogel, Chairman

Dr. William Awad (Faculty Senate Council Representative)	'87	Department of Medicine
Dr. Norman Altman, at-large	'88	Department of Pathology
Dr. Keith Brew	'88	Department of Biochemistry
Dr. Robert C. Duncan	'86	Department of Oncology
Dr. George Irvin, at-large	'87	Department of Surgery
Dr. Alan Livingstone	'86	Department of Surgery
Dr. James Oster	'86	Department of Medicine
Dr. Wade Parks	'88	Department of Pediatrics
Dr. Richard Parrish	'88	Department of Ophthalmology
Dr. David Puett	'87	Department of Biochemistry
Dr. Edward Russell	'87	Department of Radiology
Dr. Andrew Taylor	'87	Department of Medicine
Dr. Maria Valdes-Dapena, at-large	'86	Department of Pathology
Dr. Grace Wolff	'86	Department of Pediatrics

AGENDA

Medical School Council
Dean's Conference Room
Rosenstiel Medical Sciences Building
4:00 p.m.

Wednesday, June 25, 1986

1. Approval of Minutes of June 4, 1986 Meeting
2. Items to be Added to the Agenda
3. Election, Membership, Promotions and Tenure Committee....Dr. Oster
4. Mt. Sinai Affiliation Agreement.....Dr. Fogel and
Mr. Robert Cole
5. Physical Therapy Master's Program.....Dr. Rubin
6. Report, ad hoc Committee on Honoraria, Witness Fees.....Dr. Livingstone
7. Date and Agenda of Next Council Meeting

Vice President for Medical Affairs and Dean (R-699)

P.O. Box 016099

Miami, Florida 33101

(305) 547-6545

Location: 1600 N.W. 10th Avenue, RMSB 11-3A

Agenda Items

1. Approval of Minutes of June 4, 1986 Meeting

The minutes were approved on the motion of Dr. Oster, seconded by Dr. Parrish.

2. Items to be Added to the Agenda

The following items were added: a) membership, Committee on Committees; b) membership, Internal Review Board.

3. Physical Therapy Master's Program

Since Dr. Brown had to leave the meeting, this agenda item (#5) was considered out of the agenda order.

Dr. Rubin presented for discussion the new Physical Therapy Program, the description of which he had sent to Council members prior to today's meeting. This is a training program at the Master's Degree level.

He stated that the Program had been transferred at the request of Dr. L. Glaser, Executive Vice President and Provost, to the School of Medicine from the School of Education and Allied Professions. This fiscal year the Program is assigned administratively to Dr. Rubin's office; next year, it will become a component of the Department of Orthopaedics and Rehabilitation.

The 2.5-3.0-year Program will award two degrees, i.e., the entry level degree of Master's of Science in Physical Therapy (M.S.-P.T.), the advanced degree of Master's in Physical Therapy (M.P.T.). In three years, the number of students in the Program is expected to be 100. The initiation of a Ph.D. program is a possibility.

Dr. Brown stated that he and the departmental faculty welcome the addition of this training program to the Department since there is a close relationship between the field of physical therapy and the program of the Department. The Program may contribute to the Department's clinical rotations for the medical students.

The transfer of this program will need the acceptance of the College of Arts and Sciences, the Graduate School and the School of Medicine.

After discussion, Dr Irvin moved, seconded by Dr. Altman, that the Council approve the acceptance of the transfer of the Master's Program in Physical Therapy from the School of Education and Allied Professions, and that Dr. Awad be instructed to facilitate this transfer as required by the Faculty Senate. Motion passed unanimously.

PHYSICAL THERAPY

MASTER'S OF SCIENCE IN PHYSICAL THERAPY

Program

The University of Miami now offers an entry-level Master's degree program in Physical Therapy through the School of Medicine. As a 3 + 3 program, students may follow one of two tracks:

1. Students may enter the Health Science program in the College of Arts and Sciences. The first three years are devoted to an accelerated program of liberal arts courses and completion of courses toward a major in Health Science. Application to the Physical Therapy program is made during the third year of study. Classes commence in May, during the summer sessions between the junior and senior year. Upon successful completion of a year of introductory Physical Therapy courses, students are awarded a Bachelor's in Health Science (B.H.S.) by the College of Arts and Sciences.

The remaining two years of the Physical Therapy program are under the auspices of the School of Medicine and consist of graduate coursework and clinical internships. Successful candidates are awarded a Master's of Science in Physical Therapy (M.S.P.T.) by the School of Medicine.

For information regarding the 3 + 3 program, please contact:

Office of Health Science Programs
College of Arts and Sciences
University of Miami
P.O. Box 249118
Coral Gables, Florida 33124
305-284-3571

2. Persons holding a bachelor's degree in a related field may apply for admission into the entry-level Master's program in Physical Therapy. During a two and a half year course of study, students pursue graduate coursework and clinical internships. Upon successful completion of the program, students are awarded a Master's of Science in Physical Therapy (M.S.P.T.) by the School of Medicine.

Applicants to the Master's program in Physical Therapy must have the following pre-requisite courses:

English Composition	2 semesters
General Biology	1 semester
General Chemistry with Laboratory	2 semesters
General Physics with Laboratory	2 semesters
Human Anatomy	1 semester
Introduction to Statistics	1 semester
Mathematics (Algebra/Trigonometry)	1 semester
Psychology (Abnormal or Developmental)	2 semesters
Physiology	1 semester

For information regarding the post-baccalaureate Master's program, please contact:

Office of the Director, Program in Physical Therapy
School of Medicine
University of Miami
5801 Red Road
Coral Gables, Florida 33143
305/284-4535

Philosophy

The Program in Physical Therapy is committed to providing quality educational experiences which enable its graduates to effectively carry out the expanding responsibilities of physical therapists as autonomous health care providers practicing in preventive, evaluative, maintenance, acute care, and rehabilitation settings, and in educational and research environments.

The individual and collective efforts of the members of the Physical Therapy faculty are directed toward the attainment of specific goals and objectives as expressed in the philosophic statement of the American Physical Therapy Association:

"Physical therapy is a health profession whose primary purpose is the promotion of optimal human health and function through the application of scientific principles to prevent, identify, assess, correct or alleviate acute or prolonged movement dysfunction. Physical therapy encompasses areas of specialized competence and includes the development of new principles and [modes of] application to more effectively meet existing and emerging health needs. Other professional activities that serve the purpose of physical therapy are research, education, consultation, and administration."

The mission of the program in Physical Therapy is to serve the profession, the University, and the community through the accomplishments and activities of the faculty and students. To this end, each faculty member must assume responsibility in all four components of the program—education, research, community service, and clinical practice.

The Program recognizes the importance of in-depth basic and applied science knowledge and the humanities. As such, the curriculum is carefully sequenced to allow students to develop skills in both classroom and clinical settings. Faculty also understand the importance of presenting problem-solving skills in conjunction with fundamental physical therapy concepts so that students will develop the professional attitudes and insights required for sustained and continual growth throughout their careers.

Application Procedure

Application for admission to the Physical Therapy three-year curriculum is made during the fall semester of the junior year or in the fall prior to the beginning of classes in May of each year (for post-baccalaureate study). Criteria for admission are as follows:

1. Submission of all application materials to the Office of Physical Therapy Programs in the School of Medicine by December 31.
2. Completion of pre-Physical Therapy coursework, or prerequisites, with a minimum GPA of 2.6 on a 4.0 scale, and all science prerequisites with a "C" grade, or higher.
3. Demonstration of knowledge concerning the physical therapy profession by submitting: a) an essay detailing the reasons why the applicant desires to become a physical therapist, and b) documentation of a minimum of 100 hours of first-hand observation and/or work experience related to the practice of physical therapy. This experience must be substantiated in writing by a registered licensed physical therapist.
4. Submission of three (3) letters of recommendation addressing both the applicant's moral character and potential as a physical therapist. At least one letter must be written by a registered licensed physical therapist.
5. A personal interview with a least one member of the Physical Therapy Review Committee. It is the applicant's responsibility to call (305/284-4535) and arrange for an interview.
6. All students seeking admission to the Master's (M.S.P.T.) program are required to take the Graduate Record Examination (GRE) prior to pursuing the graduate level coursework.

Every effort will be made to accept all qualified students into the Master's program, but certain factors (e.g., number of available clinical sites) may limit the number of students who can be accepted. The Physical Therapy Review Committee will consider such criteria as the number of credit hours at the University of Miami, overall GPA, mathematics and science GPA, English GPA, prior experience, and personal interview scores in making its recommendations for admission.

Coursework and Clinical Internships

Most of the Physical Therapy coursework, as well as the first three years of the 3 + 3 track, is taught on the Coral Gables campus of the University of Miami. Advanced courses are conducted at the School of Medicine campus and Jackson Memorial Hospital, both in nearby Miami. During the first and second years of Physical Therapy curriculum, students are exposed to integrated clinical experiences. For the last semester, full-time clinical internships are arranged. Students have an opportunity to synthesize patient care skills with scientific knowledge as final preparation in becoming a practicing physical therapist. Internships are carried out in various Physical Therapy clinics located throughout Florida and other states.

Expenses

Tuition for the academic year 1986-1987 is \$8,840. Room and board is approximately \$3,400, depending on the type of housing selected and choice of meal plan. Textbooks average \$500 per year. Students engaged in clinical internships may incur additional expenses for travel and lodging.

Financial Assistance

Extensive programs in financial assistance are available in the form of grants, scholarships, loans, and tuition payment plans. For further information, please contact:

Office of Financial Assistance Services
University of Miami
P.O. Box 248187
Coral Gables, Florida 33124
305/284-5212

Bachelor of Health Science

Pre-Physical Therapy Curriculum

Freshman Year

Algebra
English Composition
General Biology I and II
Inorganic Chemistry
Organic Chemistry
Psychology
Scientific and Technical Writing
Trigonometry and Geometry

Junior Year

Cell Biology
Introduction to Computer Programming
Statistics
Systemic Physiology
Western Civilization
Two (2) Biology Electives
Two (2) Humanities Electives

Sophomore Year

Abnormal Psychology
Calculus
College Physics I and II
Genetics
Human Anatomy
World Literature
One (1) Humanities Elective

Master of Science in Physical Therapy

Physical Therapy Curriculum

Summer Sessions

Gross Anatomy I and II
Intro to Physical Therapy
Therapeutic Exercise I

Summer Sessions

Neuro-Rehabilitation II
Orthopedics III
Physical Therapy Administration
One (1) Physical Therapy Elective

First Year *

Analysis of Abnormal Human Motion
Analysis of Normal Human Motion
Clinical Internship I
Communications in Physical Therapy Practice
Neuroanatomy
Neurophysiology
Orthopedics I
Physical Therapy Clinical Skills

Third Year **

Clinical Internship IV or IV
Clinical Research II

Second Year

Cardio-Respiratory Physical Therapy
Clinical Internship II and III
Clinical Research I
Electrotherapy
Neuro-Rehabilitation I
Orthopedics II
Therapeutic Exercise II and III

*Students in the 3 + 3 program are awarded a Bachelor of Health Science (B.H.S.) upon successful completion of the first year of study in the program.

**Students graduate in December with a Master of Science in Physical Therapy (M.S.P.T.).

The University of Miami is a private, independent, international university. An equal employment opportunity affirmative action employer. It is the policy of the University of Miami that no person at the United States, or any person within the jurisdiction thereof, shall, on grounds of race, color, national origin, religion, sex, age, or handicap, be excluded from participation in, be denied the benefits of, or be subjected to discrimination in employment or under any educational program or activity of the University.

Enrollment Report

Dr. Glaser informed the Senate that the Freshman enrollment is above budget projections, the SAT scores of the incoming class are 1106, enrolled Dade County residents have declined over the past three years and out-of-state students have increased by 14%.

Residential College IV

The Provost indicated that the demand for residential college accommodations exceeds the available converted space and that Mahoney and Pearson Halls are being considered as possible areas to be renovated to residential colleges. Some of the graduate student housing areas may need to be used for undergraduate students. Questions were raised pertaining to the estimated costs and possible sources of funding for the project.

Physical Therapy Program

Dr. Glaser reviewed the background of the Physical Therapy program and the difficulties that some students experienced last spring when the program was discontinued. The program was reinstated and the administration of the program subsequently moved from the School of Education to the Medical School with Dr. Sherrill Hayes as acting director. A search is now underway for a permanent program director. It was moved, and seconded, to approve the transfer of the program, on an ad hoc basis, for this year pending the submission of a final report which will determine the outcome and the administrative charge of the program. The motion carried.

Parking

Dr. Knoblock distributed the discussion draft of the new parking procedures for Mr. Dee who was unable to attend the meeting. The three issues presented were: 1) the repeal of all current parking legislation; 2) the transfer of the responsibility of parking from a Parking Committee under the Parking Authority to the Provost with the understanding of the provisions proposed; and 3) that the Provost will notify the Senate of substantive changes he contemplates. Discussion followed. It was moved, and seconded, to approve the draft proposal. The motion carried.

SC 9/8/86

Page 2

Minutes

THIRTEEN-WEEK SEMESTER SCHEDULE

Dr. Yacoub submitted a new proposed time schedule which changes the length of class periods from 50 minutes to 55 minutes during a thirteen-week semester schedule. After some discussion, it was moved by Dr. Yacoub, and seconded, that this matter be referred to the Academic Standards Committee for further consideration. The motion carried.

BUDGET COMMITTEE REPORT

Dr. Steve Green submitted the recommendations of the Budget and Compensation Committee concerning the use of academic improvement funds. It was moved by Dr. Alexandrakis, and seconded, to refer the report back to the Committee for revision in light of the Council's discussion, particularly with regard to the amounts on Page 1 and Items 3c and 3f on Page 2.

PROGRAM OF PHYSICAL THERAPY

It was moved by Dr. DeCarbo, and seconded, that the Council send a motion to the Senate to approve interim administration of the Program in Physical Therapy by the School of Medicine. The motion carried.

BYLAW 3.11

The Council reviewed the recommendations of the Ad Hoc Committee concerning Bylaw 3.11. Discussion was held on Item 6 which proposes the Charter abolition of the graduate faculty. It was voted unanimously to refer the matter to the Graduate School faculty for discussion at their September meeting, with the Provost and Dean of the Graduate School in attendance.

RESIDENTIAL COLLEGES

Dr. James Ash gave the Council a preliminary report on enrollment. He indicated that the success of recruitment of out of state students and of the Residential College program made reconsideration of building additional Residential Colleges necessary. He reported that the administration was developing plans for a fourth Residential College. The funding of a fourth College has not yet been identified.

Program in Physical Therapy

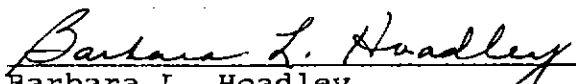
The Chairman suggested that since the program had never received approval the Council authorize its continuance for another year and put it through the approval process at that time.

Matters from the Floor

Dr. Knoblock requested permission to include the Student Environment Report and the Degree Requirements Report on the next Faculty Senate meeting.

The minutes of February 9 were approved as submitted. The minutes of March 6 were not approved and will be submitted at a later date.

The meeting adjourned at 7:00 P.M.


Barbara L. Hoadley
Secretary to the Faculty Senate

Program in Physical Therapy

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Barbara L. Hoadley
Secretary to the Faculty Senate

**FACULTY MEMBERS
PHYSICAL THERAPY PROGRAM**

FULL-TIME FACULTY:

Bourguignon, Gerard J., Ph.D., P.T.
Crane, Linda C., M.M.Sc., P.T.
Davis, Carol M., Ed.D., P.T.
Fiebert, Ira M., Ph.D., P.T.
Field, Edelle C., B.S., P.T.
Gailey, Robert S., M.S., P.T.
Hayes, Sherrill H., M.S., P.T.
Rose, Steven J., Ph.D., P.T.
Waggoner, Philip J., Ph.D. (60 %)

PART-TIME FACULTY:

Henley, Cynthia P., B.S., P.T. - 40 %
Voight, Michael L., M.S., P.T. - 50 %

ADJUNCT FACULTY / VOLUNTARY FACULTY APPOINTMENTS:

Holly, Linda I., M.B.A., P.T.
Lehman, Phyllis S., M.S., P.T.
Masin, Helen L., M.M.Sc., P.T.
Pahl, Craig, B.S., P.T.
Wise, Holly H., Ph.D., P.T.

INTERDEPARTMENTAL FACULTY - LECTURERS:

Bowker, John, M.D. - ORN
Brown, Mark D., M.D., Ph.D. - ORN
Brucker, Bernard, Ph.D. - ORN
Clark, Ronald, Ph.D. - ACB
Goldberg, Stephen, M.D. - ACB

PROJECTED STUDENT ENROLLMENT

PROGRAM IN PHYSICAL THERAPY

ENTRY LEVEL MASTER'S DEGREE - M.S.P.T.:

<u>Year Graduated:</u>	<u># of Students:</u>
1988	16
1989	40
1990	50
1991	50
1992	50

ADVANCED MASTER'S DEGREE - M.S.:

<u>Year Begin Studies:</u>	<u># of Students:</u>
Spring, 1989	10
Fall, 1989	10
Spring, 1990	15
Fall, 1990	15
Spring, 1991	15
Fall, 1991	20

STANDARD VI, # 50:

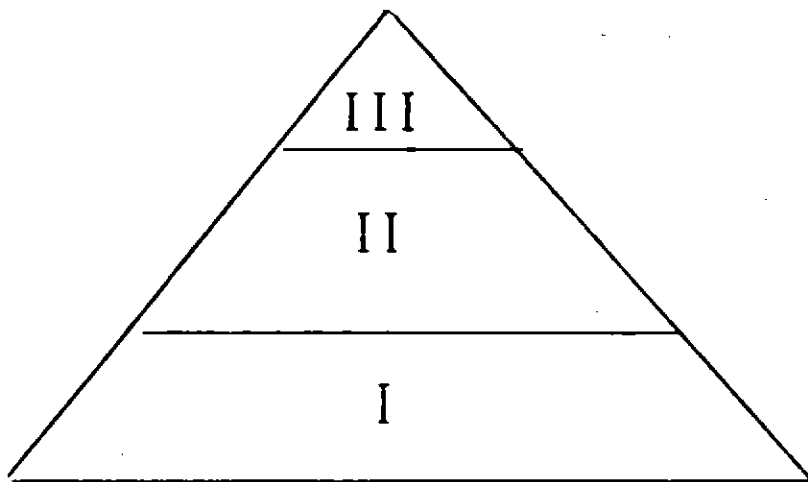
Description of Concurrent and Sequential Learning Techniques:

The curriculum design at the University of Miami takes the position that the graduate will be a generalist Problem-Solver with analytical skills and research capability. The faculty has identified the following "descriptors" for the graduate:

Generalist
Problem-solver
Analytical
Evaluator
Research-literate
Independent thinker
Broad-based background
Mature

With reference to the above descriptors, the Entry Level Master's Degree Program can be described with the use of the levelled "pyramid" below:

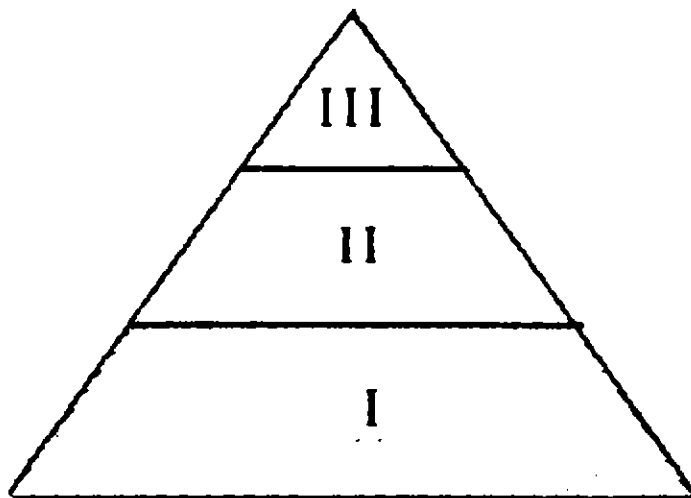
COMPETENT PROFESSIONAL



PHYSICAL THERAPY
EDUCATION

Taken separately by level, the curriculum can be viewed in the following manner:

LEVEL ONE - BASIC SKILLS:



Courses in the curriculum identified with basic skills content are:

531, 532 Gross Anat. I, II	571 Ther. Exer. I
530 Foundations in P.T.	570 Clinical Skills
574 Orthopedics I	533 Communications
572 Analysis Norm. Motion	573 Analysis Abn. Motion
540 Neuroanatomy	541 Neurophysiology
578 Clin. Internship I	

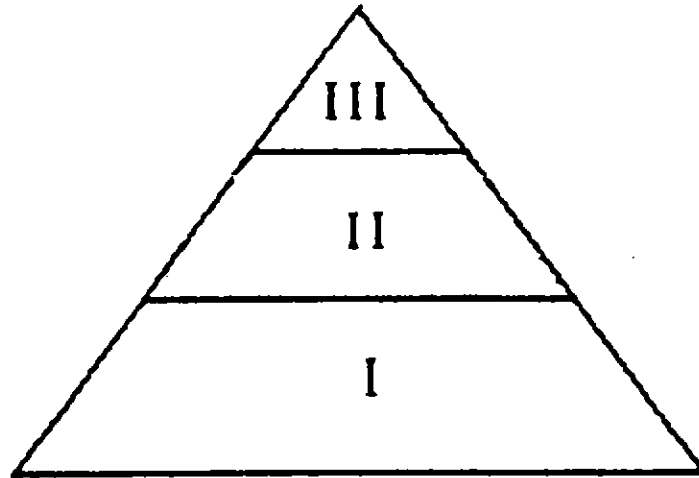
In the transition of the former Baccalaureate Degree in Physical Therapy to the present Entry Level Master's Program, notable changes which have occurred are the following:

1. Expansion of the Kinesiology and Pathokinesiology content to two semesters for a broader background in the movement science
2. Expansion of the Neuroanatomy and Neurophysiology content to two semesters for a more in-depth background in neuroscience and including growth and development, and rationale for neurophysiological treatment techniques

3. Expanding into two separate courses the basic clinical skills content and the basic musculoskeletal evaluation content; posture analysis, ROM and MMT have been accorded increased time and emphasis as skills basic to the practice and science of physical therapy

All of the above-listed courses are in the first "tier" of the educational process in the development of competent practitioners.

LEVEL TWO - PRACTICAL SCIENCE APPLICATIONS AND SKILLS:



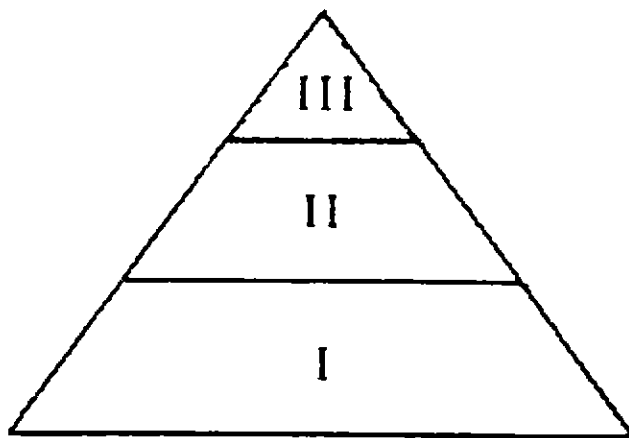
Courses identified in the curriculum relating to practical application and professional skill are:

- 624 Cardio-respiratory Physical Therapy
- 626 Therapeutic Exercise II (Orthotics, General Therapeutic Exercise, Functional Activities)
- 627 Therapeutic Exercise III (Spinal Cord Injury, Prosthetics)
- 616 Research I (Basic Statistics, Measurement, Proposal Development)
- 628 Orthopedics II (Extremity Evaluation and Treatment)
- 614 Neurorehabilitation I (Adult Neurorehabilitation)
- 610, 611 Clinical Internship II, III
- 542 Electrotherapy

In this second "tier" of the educational process, specific content relating to the art and science of physical therapy is covered, with a strong emphasis on recent research, reviews of the literature in the clinical components (cardio-pulmonary, extremity evaluation and treatment, electrotherapeutic modalities, and specific populations - amputees, spinal cord injuries, geriatrics, oncology, musculoskeletal and neuromuscular pathologies, etc.) The Research component directs the student to identify their final project.

By building upon a firm foundation of basic skills through the refinement and enhancement demonstrated in Level One, students progress and adapt more readily to advanced concepts in the practical application of clinical skills. Problem-solving and analytical thinking is stressed throughout Level Two. Students are challenged to be educated consumers of pertinent literature and research relating to the practice of physical therapy.

LEVEL THREE - ADVANCED COMPETENCE:



Courses relating to advanced competence in the curriculum are the following:

- 629 Orthopedics III (Evaluation and Treatment - Head, Neck and Trunk)
- 615 Neurorehabilitation II (Pediatric Neurorehabilitation)
- 618 Administration
- 617 Research II (culmination in final Project, Publication)
- 612, 613 Clinical Internship IV, V

Notable changes from the Baccalureate Degree to the Entry Level Master's Degree are the following:

1. Expansion of the Neurorehabilitation content area into two courses, one focusing on adult neurological dysfunction and the other on pediatric problems.
2. Expansion of the Research component to include a Final Project, not considered a "thesis", but a research project culminating in a contribution to the body of knowledge in physical therapy through publication.

Courses in this final third "tier" of the curriculum build upon the firm foundation of Level One, the expanded content in Level Two and serve to complete the educational process of a practitioner with advanced clinical competence. The Program in Physical Therapy does not strive to develop "experts" in any one particular specialty area of physical therapy, but rather to succeed in developing a strong clinical practitioner with a broad and intensive background in the art and science of physical therapy.

The curricular changes which have occurred and which are continually evolving will continue to enhance this design. While not specifically referred to in this description, the sequential learning experiences and competencies are further delineated in the evaluation forms for the Clinical Internships. Students are evaluated on skillful execution of previous learning, and competent performance in concurrent learning. This differentiation has enabled both the student and the faculty (academic and clinical) to monitor progressive achievement of objectives and professional competency.

ADVANCED MASTER'S DEGREE

PHYSICAL THERAPY - M.S.

The Advanced Master's Degree is intended as a program of study for practicing physical therapists holding a Baccalaureate degree in physical therapy. It is designed to incorporate the following: 1) advanced knowledge in the field of physical therapy; 2) knowledge of statistical design and research methodology; and 3) develop critical analysis of research literature and scientific bases of treatment protocols. The degree will culminate with a thesis.

Since the profession of physical therapy involves numerous specialty areas of practice, the Advanced Master's degree will have different "tracts" of study, dependent upon the prospective student's interest or area of expertise, in addition to certain "core" courses appropriate for all students at the graduate level.

"Core Courses":

<u>Subject Area:</u>	<u># of credits:</u>
Research - Statistical Design Courses such as: PSY 605, 606 EPS 550, 553, 568 EPS 653, 660, 661, 663, 666	9
Content Area - Orthopaedics, Geriatrics, Neurology, etc. Courses such as: PTS 630, 631, 632, 633, 634 (Others to be developed)	12
Education / Administration Areas Courses such as: EPS 570, 571, 575, 631, 643	9
Thesis	6
<u>Total Credits:</u>	<u>36</u>

DIVISION OF PHYSICAL THERAPY: 1987 - 1990
SCHOOL OF MEDICINE
UNIVERSITY OF MIAMI

	JUNE '87	JULY '87	AUGST '87	SEPT '87	OCTB '87	NOVB '87	DECB '87	JANU '88	FEBR '88	MARC '88	APRL '88	MAY '88	YEAR '87/'88	YEAR '88/'89	YEAR '89/'90
Tuition (/Semester)															
BS Level	2200			3400				3400							
Grad Level	4300			4750				4750							
Grad Level II				5950				4750							
Number of Students															
ELM I - BS	10			10				10						5	10
ELM I(Gr)&ELM III	30			30				30						66	80
ELM II	0			17				17						40	50
Advanced Masters	0			0				0						0	20
Tuition Revenue In	151000			277650				257250					685900	1372000	1840000
CASH BAL, Beg of Mon	151000	119924	85847	300421	182853	118950	64047	270394	209826	156923	103020	51117	685900	1372000	1840000
Expenses - Cash Out:															
Total Faculty Salrys	14307	14307	14307	23857	23857	23857	23857	23857	23857	23857	23857	23857	257634	492000	620000
Faculty Fringes (%)	3577	3577	3577	5964	5964	5964	5964	5964	5964	5964	5964	5964	64409	127920	161200
Faculty PT/DT				2000	2000	2000	2000	2000	2000	2000	2000	2000	18000	12000	24000
Total Faculty Cost	17884	17884	17884	31821	31821	31821	31821	31821	31821	31821	31821	31821	340043	631920	805200
Total Staff Salrys	1367	1367	1367	1367	1367	1367	1367	1367	1367	1367	1367	1367	16404	49800	75000
Staff Fringes (%)	301	301	301	301	301	301	301	301	301	301	301	301	3609	10956	16500
Staff PT/DT				3889	3889	3889	3889	3889	3889	3889	3889	3889	35001	50000	24000
Total Staff Cost	1668	1668	1668	5557	5557	5557	5557	5557	5557	5557	5557	5557	55014	110756	115500
Adjunct Fees		3000	3000	2000	3000	3000			3000	3000	2000		22000	33000	45000
Clinical Visit Costs				1000	2000	2000	2000	1000	1000	2000	2000	2000	15000	24000	40000
Cont. Ed. and Conf.	2000	2000	1000	1000	2000	3000	2000	2000	2000	2000	1000	2000	22000	55000	90000
Instruction Matl.	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	15000	15000	25000
Clerical Consumables	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	12000	18000	30000
Xerox-Copy Center	750	750	750	750	750	750	750	750	750	750	750	750	9000	12000	16000
Telephone	400	400	400	400	400	400	400	400	400	400	400	400	4800	6000	12000
Equipat-BldgRenovatn			30000	55000	10000								95000	342000	505000
Insurance				1000									1000	3000	6000
Equip/Bldg Maint.	375	375	375	375	375	375	375	375	375	375	375	375	4500	5000	6000
Misc. Expenses	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1814	19414	21524	24500
Graduate Assistships				10665				10665					21330	45000	70000
Med School Rent	4150	4150	4150	4150	4150	4150	4150	4150	4150	4150	4150	4150	49800	49800	49800
Total Other Expenses	11525	14525	43525	80190	26525	17525	13525	23190	15525	16525	14525	13739	290844	629324	919300
Total Expenses	31076	34076	63076	117568	63903	54903	50903	60568	52903	53903	51903	51117	685900	1372000	1840000
CASH BAL, End of Mon	119924	85847	22771	182853	118950	64047	13144	209826	156923	103020	51117	0	0	0	0