

<p style="text-align: center;"><b>AGENDA</b> <b>University Curriculum Committee</b> <b>January 11, 2005</b></p>
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The UCC will meet on Tuesday, January 11, 2005, from 1:30 to 2:30 p.m. in 226 Tigert Hall. The agenda for this meeting is as follows:

1. Approval of minutes of December 9, 2004 meeting (pages 1-2)
2. Proposed Department of Urology (pages 3-12)
3. Proposed changes to minor in Actuarial Science (pages 13-16)
4. Proposed Center for the Humanities and the Public Sphere (pages 17-23)
5. Graduate School (pages 24-25):
  - Non-thesis option for M.S. degree in chemistry
  - Change to transfer of credit policy for all master's degrees
  - M.S., M.F.R.C. and Ph.D. concentrations in Geomatics under programs in forest resources and conservation
  - Translation Studies graduate certificate program through Latin American Studies
  - Request to inscribe major on diploma for master's degree
6. Proposed new undergraduate and professional courses (page 26)
7. Notice of proposed changes to undergraduate and professional courses (pages 27-31)
8. Notice of new graduate courses and course changes (page 32)

**Meeting of the University Curriculum Committee  
December 7, 2004**

Sheila Dickison convened the UCC at 1:30 p.m. in 226 Tigert Hall.

**Members present:** Sheila Dickison, Chair, Cammy Abernathy, Anthony Dasta, David Duncan, Mike Friel, Stephanie Hanson, Yumiko Hulvey, Barbara Korner, John Kranzler, Jane Luzar, Albert Matheny, Andrew McCollough, Michael McKenzie, Karin Polifko-Harris, Robert Primosch, Steve Pritz, Leanne Reagan, Lynn Romrell, Sandra Russo, Chris Sessums, Caroline Wiltshire, John Wright  
**Guests:** Wendell Porter, Beverly Sanders, Ricky Telg

1. **Approval of minutes of the November 9, 2004 meeting:** The minutes were approved.
2. **Proposed Bachelor of Science with major in Computer Science (College of Engineering):** Beverly Sanders and Cammy Abernathy presented a proposed Bachelor of Science with a major in Computer Science. The proposed degree is intended to fill a gap for students whose goals do not match existing programs. The addition of a new degree will make it easier for the department and college to manage the students and their needs. After UCC members made suggestions to soften some of the language in the proposal, a motion was made to approve. Motion passed.
3. **Proposed interdisciplinary minor in Leadership (College of Agricultural and Life Sciences):** Jane Luzar presented a proposed minor in Leadership. This minor would assist students in developing skills to be used in either a corporate or non-profit environment. The minor would be open to students across the university. A motion to approve the proposed minor was made. Motion passed.
4. **Proposal to change Landscape and Nursery Horticulture specialization to Environmental Horticulture degree program:** This item was tabled until the January meeting.
5. **Proposed changes to Agricultural Operations Management curriculum:** Wendell Porter presented proposed changes to the curriculum in Agricultural Operations Management. The changes are:
  - Eliminate Biological Systems Management option
  - Change name of Production Management option to a specialization in Production Systems Management
  - Change name of Technical Sales and Product Support option to a specialization in Technical Sales Management
  - Change name of Manufacturing and Processing Management option to specialization in Construction and Process Management
  - Make minor changes in curricula for the four specializationsA motion to approve the proposed changes was made. Motion passed.

6. **Proposed Center for the Humanities and the Public Sphere:** UCC members questioned the name of the proposed center and its efforts to collaborate with the colleges and existing centers that currently serve the humanities. The proposal was tabled until these issues could be addressed with the appropriate parties.
7. **Ad hoc committee on spring commencement/final exams conflict:** no report
8. **Proposed new undergraduate and professional courses:** A motion to accept all proposed new courses was approved.
9. **Notice of proposed changes to undergraduate and professional courses:** A motion to accept all proposed course changes was approved.
10. **Notice of new graduate courses and course changes:** New courses and course changes from the Graduate Curriculum Committee were accepted.

The meeting adjourned at 2:35 p.m.

January 4, 2005

Sheila K. Dickison, Ph. D.  
Associate Provost  
PO Box 113260  
CAMPUS

Dear Sheila:

The College of Medicine departmental chairmen unanimously approved the creation of a Department of Urology at their October 21, 2004 Executive Committee meeting. A description of the new department is enclosed for your review. The description includes the justification for the new department along with the proposed organizational structure and faculty transfers. All increased costs of creating the department will be borne by the clinical earnings of the College and no additional state dollars are required.

As per our earlier conversation, I would be pleased if this proposal could be placed on the agenda for the January 2005 meeting of the University Curriculum Committee.

Sincerely,

C. Craig Tisher, M. D.  
Dean, College of Medicine  
Folke H. Peterson/Dean's Distinguished Professor

CCT/hcb

## Proposal to Create a Department of Urology at the University of Florida College of Medicine

### Introduction

Since the inception of the College of Medicine at the University of Florida in 1956, the discipline of urology has been organized as a division within the Department of Surgery. As the College has grown in faculty numbers to over 1100, growth of urology has remained rather stagnant and today this discipline has just five individuals. Despite its modest size, the urology unit is highly regarded as exemplified by the most recent U.S. News and World Report ranking at #22 in the top fifty urology programs in the country.

Maintaining a quality program that has focused primarily on clinical care delivery and education has been a difficult struggle in recent years because of the inability to recruit and retain urologists interested in an academic career to replace several faculty who have retired. Further, because of the limited number of available personnel, there has been little opportunity to offer newer treatments or expanded service to our patient population to maintain the quality of the program it has enjoyed over several decades.

### Mission Statement

The department will have as its mission the evaluation and treatment of patients with health problems that afflict the genitourinary system. An integral part of the program will be to provide education for urologists of the future, medical students, residents and fellows. The department will provide outstanding care based on evidence-based medicine. There will be significant emphasis on research, both clinical and translational. It is through investigation that we will develop the treatments that will help our aging population of baby boomers lead more productive lives.

### Justification

Moving to departmental status will put Urology on the same footing as other top urology programs in the United States. As noted by consultant John McConnell, M. D., in his letter to former Dean Berns in the year 2001, "Duke is the only top 20 Urology Program in the country that is a Division."

In the last two years there has been significant difficulty with recruiting needed faculty. Approximately 60% of academic urology programs are currently searching for faculty. In some subspecialty areas, most notably Pediatric Urology, there is a significant shortage

of candidates. As of October 2004, there were 40 open slots and just 15 individuals seeking jobs. Candidates interviewing at the University of Florida have repeatedly stated their preference to join a department rather than a division, thus placing our institution at a major disadvantage as we seek additional highly qualified faculty interested in an academic career in urology.

During the past 20 years there have been paradigm shifts in the way patients with diseases that afflict the genitourinary tract are treated. As a result the need to provide new, more complicated and technically demanding therapies has increased to keep pace with these paradigm shifts. In many instances significant subspecialization in urology is necessary which translates into faculty growth to maintain a high quality clinical and educational program. Below are listed a few examples of the profound changes that have impacted the care of patients with urologic diseases.

The care of patients with urolithiasis has shifted from open to minimally invasive procedures such as extracorporeal shockwave lithotripsy, ureteroscopy, and percutaneous nephrolithotomy. Benign prostatic hyperplasia (BPH or benign enlargement of the prostate) is now often treated with medications or minimally invasive procedures other than TURP (transurethral resection of the prostate). Erectile dysfunction treatment has expanded to include the five phosphodiesterase inhibitors (e.g., Viagra, Levitra, and Cialis), the Vacuum Erection Device (VED) and intracavernosal penile injections. No longer is a penile prosthesis the only alternative.

In the last decade laparoscopy has come to play a major role in the removal of kidneys (nephrectomy). In addition, we now have a more in depth understanding of the genetic etiology of some renal cancers.

### Leadership

The College of Medicine will conduct a national search to identify a nationally prominent leader in urology to chair the proposed department with the anticipation that the individual will commence his or her activities on or before the fall term of 2005.

### Commitments by the College of Medicine

The College of Medicine has committed resources to permit the initial recruitment of 6-8 new faculty members and approximately 10 support staff. It is anticipated that the new chair will recruit established and emerging leaders in their areas of expertise who can independently develop and conduct cutting-edge clinical programs and thus support both the clinical and educational needs of the department. The appointments will range from assistant to full professor levels depending on recruitment opportunities. Most will be recruited within a two to three year time frame from the creation of the department. The College has identified approximately 4,000 sq. ft. of office space in the Stetson Medical Sciences Building to house this department. Additional space will be identified as the department grows.

## Organizational Structure

The structure of the department will parallel other departments in the College of Medicine. It will include nine divisions and an administrative core.

- 1) Endourology and stones
- 2) Female urology, including voiding dysfunction, reconstructive urology & trauma
- 3) Geriatric urology
- 4) Infertility
- 5) Sexual dysfunction
- 6) Men's health and general urology
- 7) Minimally invasive surgery, laparoscopy and robotics
- 8) Pediatric urology
- 9) Oncology

## Focus Areas

1. *Endourology & Stone Disease.* In the early 1980's, a major shift occurred in the management of stone disease. Extracorporeal shockwave lithotripsy, percutaneous nephrolithotomy, and ureteroscopy were born during this time interval. No longer is it necessary, in most circumstances, to have a 12-inch incision made on one's flank to remove a 5-millimeter stone. This technology has served patients well in decreasing the pain associated with stone removal and making it possible for patients to return to their usual activities in a more timely fashion.

UF has long been a referral center for patients with complex stone problems. Many urologists in private practice refer these cases. Historically, Florida has also had a significant research group with an interest in stone disease.

2. *Female Urology, Voiding Dysfunction, Reconstructive Urology & Trauma.* This subspecialty includes treatment of both males and females who have problems with voiding dysfunction, disorders of pelvic floor support (dropped bladder, uterus, and rectum), spinal cord injury, urethral stricture, and those individuals who require complex pelvic reconstruction of the urethra, vagina, and bladder (e.g. continent diversion or neobladder). With the new Level I Trauma Center there is a noticeable increase in GU trauma cases.

There are many areas for potential collaboration. There are clinical and research opportunities for liaisons with the Brain Institute, Neurology, Gynecology, Shands Rehabilitation Hospital and the new Department of Aging & Geriatric Research. It is estimated that 15-20% of the population aged 60 and over suffer from urinary incontinence. The prevalence of this problem increases with advancing age. Florida's population is about 17 million. The Department of Elder Affairs for the state estimates that about 25% of Florida inhabitants are age 60 and older. With our institutional priorities in neuroscience and aging, there are significant funding opportunities for a clinically-based urologist with training in incontinence and neurourology. In fact,

diabetic neuropathy and Parkinson's disease, which are common causes of bladder dysfunction, are high priorities of the NIH.

3. *Geriatric Urology*. The advent of the new Department of Aging and Geriatric Research at UF will provide many opportunities for urology. There is an obvious overlap of Geriatric Urology with other subspecialty areas. There are a number of problems that become more prevalent in the aging population. Those include incontinence, nocturia, urinary tract infections, diseases affecting the prostate, GU malignancy, end-stage renal disease, patients with multiple co-morbidities associated with genitourinary problems, and sexual dysfunction (both men and women). These areas are relatively unexplored scientifically from the urologic standpoint.

4-5. *Infertility and Sexual Dysfunction*. Infertility: Evaluation and treatment of infertility often focuses on in-vitro fertilization. However, there are several areas in which evaluation and/or treatment of the male member of the couple are appropriate. Male Sexual Dysfunction: There are various definitions of erectile dysfunction (ED). According to the NIH an estimated 15-20 million men experience chronic ED. The incidence of ED increases with age affecting approximately 15-25% of men age 65. Approximately 70% of chronic ED problems are related to diabetes, kidney disease, alcoholism and atherosclerosis. In patients with diabetes, 35-50% of men experience ED. Psychological factors account for another 10-20%. Female Sexual Dysfunction: This is a poorly understood and largely unexplored area of medicine. A handful of centers including UCLA and Boston University are beginning to explore the psychosocial and physiological causes of female sexual dysfunction.

6. *Men's Health and General Urology*. There are a number of maladies which do not necessarily fall within a specific subspecialty area of urology. Examples would include patients needing evaluation for hematuria, urinary tract infection, cystitis, prostatitis, patients requesting a vasectomy, and patients wishing to have a general GU exam. As another example, many men choose to come to a urologist for an annual prostate "check-up".

7. *Minimally Invasive Surgery and Laparoscopy*. In the early 1990's laparoscopic nephrectomy was introduced. This procedure has evolved to a point where 90-95% of all nephrectomies can be performed laparoscopically. This includes laparoscopic donor nephrectomy. A similar phenomenon has occurred with the management of adrenal masses (laparoscopic adrenalectomy) and the treatment of uretero-pelvic junction obstruction (laparoscopic pyeloplasty).

Thus, the field of laparoscopy in urology is growing rapidly. Included in this area are purely laparoscopic techniques and those that involve robotics, with the da Vinci robot being the primary technology in use today. Laparoscopic techniques are utilized in adult and pediatric urology. Most notably, laparoscopy is being used to a greater extent in the treatment of genito-urinary cancers every day.



8. *Pediatric Urology.* Urology at UF was fortunate to have Dr. Dixon Walker as a premier pediatric urologist for 30 years. Dixon is currently seeing patients two days a month in an effort to maintain a part of our patient base. At this point, there has been a shift in referral patterns as there are currently pediatric urologists in Jacksonville, Tampa, and Orlando. With the strong base of pediatricians and pediatric sub-specialties at UF there is clearly a need for a Division of Pediatric Urology. It will take some time to rebuild the pediatric practice for urology.

9. *Oncology.* Based on information from the State Tumor Registry (the Florida Cancer Data System), in 1997 approximately 99,000 new cases of cancer were diagnosed. In terms of diagnosed cases, Florida ranks 3<sup>rd</sup> in the nation. Among men, prostate cancer is the most commonly diagnosed tumor accounting for about a third of all cases. Lung cancer (20%) and colo-rectal cancer (12%) are the next most common. Bladder cancer ranks 4<sup>th</sup> (7.2%) and kidney cancer ranks 8<sup>th</sup> (2.7%). In Florida women, breast cancer is most common (30%), while bladder and kidney cancer account for 2.75% and 1.8% of cases respectively.

Oncology is an obvious area of focus for urology considering the incidence and genitourinary cancers in the Florida population and the strong support in our College with the cancer center. It is essential that we develop a strong presence in prostate cancer to support the institutional effort to become an NCI-designated Comprehensive Cancer Center.

There are a variety of treatments available for prostate cancer including radical prostatectomy, external beam radiation therapy, proton beam therapy (soon to be available in Jacksonville), palladium seed implantation, cryosurgery, hormonal manipulation, chemotherapy, and watchful waiting. The newest entry in the surgical armamentarium is laparoscopic radical prostatectomy. This procedure can be done using a purely laparoscopic approach or with the da Vinci robot. Current data strongly suggest that outcomes with laparoscopic prostatectomy are comparable to open radical prostatectomy. Patient demand for laparoscopic prostatectomy, particularly using a robot, is increasing. In fact, we have patients frequently calling to inquire whether this technique is offered at UF. At the present time we do *not* offer this modality.

Private practice urologists in Ocala, Tampa, and Orlando now offer robotic laparoscopic prostatectomy. The number of robotic laparoscopic prostatectomies performed throughout the world is increasing steadily from 800 in 2002, to 2700 in 2003, to over 6000 in 2004. The rapidly increasing number of robotic laparoscopic prostatectomies throughout the world and including Florida has significant implications for urology at the University of Florida. UF urology *must* offer laparoscopic prostatectomy. The technique offers many opportunities for investigation. In addition, patients are much more knowledgeable than they were 10-15 years ago. Patients now call our clinic requesting laparoscopic radical prostatectomy. When told that we do not offer the procedure, they choose to go elsewhere.

## UROLOGY MANPOWER SUMMARY

Faculty Complement				
Subspecialty	Current	Hire in 0-1 yrs	Hire in 0-2 yrs	Hire in 2-4 yrs
Endourology – Lap	1.5	(1)	0	0
Endourology (Stone) Ph. D.	0	.5	0	.5
Female & Reconstructive	0	0	1	1
General Urology	0	0	0	1
Oncology – General	1	1	0	0
Oncology – Min. Invasive	0	(1)	0	0
Oncology – Ph. D.	0	0	1	1
Pediatric Urology	0	1	0	1
Ph. D. – TBA	0	0	0	1
Sexual Dysfunction & Infertility	.5	0	0	1
VAH	2	0	1	0
Secondary Providers (PA or ARNP)*	0	2	1	1
Totals	5 MD 0 Ph D 0 PA/ARNP	8 MD .5 Ph D 2 PA/ARNP	10 MD .5 Ph D 3 PA/ARNP	14 MD 3 Ph D 4 PA

\*With the change to an 80-hour work week for residents and the requirement for more extensive documentation, there is a clear need for secondary providers to help manage the increasing volume of patients and paperwork. This includes patient care in the clinic and in the hospital setting.

## Research

The research efforts in the department should mesh with efforts in the cancer center to move toward an NCI-designated Cancer Center. There should be significant involvement in clinical and translational research programs. Abundant opportunities are also present for collaboration with basic scientists in the Brain Institute and in a variety of clinical specialties (see below).

## Collaboration Between Specialties

There are many opportunities for collaboration between specialties at UF. Natural areas for collaboration involving patient care, clinical research and translational research include the following:

<u>Specialty/Area</u>	<u>Common Areas of Interest</u>
Brain Institute	Erectile Dysfunction Neurogenic Bladder Parkinson's Disease Spinal Cord Injury
Cancer Center	Development of an NCI-designated Cancer Center Prostate Cancer Bladder & Urothelial Cancer Kidney Cancer Testicular Cancer
Endocrinology	Adrenal Masses Diabetes Mellitus Erectile Dysfunction
Hematology – Oncology – Adult	All GU Cancers Clinical Trials
Hematology – Oncology – Pediatric	All Pediatric GU Cancers Clinical Trials
Nephrology – Adult	Adrenal Masses End-Stage Renal Disease Hypertension Stones Transplantation

Nephrology – Pediatric

Congenital Anomalies  
End-Stage Renal Disease  
Stones  
Transplantation

Pediatric – General

Congenital Anomalies

Pediatric Surgery

Congenital Anomalies

OB/GYN

Female Urology or  
Uro-Gynecology  
Infertility

Pathology

Basic Stone Research  
General GU Pathology

Psychiatry – Psychology

Erectile Dysfunction

Radiology

GU Tract Imaging  
Minimally Invasive Access  
(Interventional Radiology)

Radiation Oncology

All GU Cancers

### Education

Currently, urology has a 5-year residency program with 10 total residents. There are plans to add an additional residency slot each year (for a total of three per year). Urology will have capacity for at least two clinical fellows (one in oncology and one in minimally invasive surgery). Additionally, our education program will be expanded to include greater involvement in the medical school curriculum.

The creation of a department will enhance the ability to improve our educational program. As an example, historically, residents have learned to perform a procedure by operating on patients. It is anticipated that urologic surgeons of the future will learn basic skills needed to master a surgical procedure through the use of simulators or trainers in much the same way that pilots learn to fly by using flight simulators. Simulators must be tested and validated with respect to their effectiveness in teaching specific skills. Thus, in addition to serving as a training tool, there is great opportunity for investigation in this area.

During the next 2-3 years, urology must incorporate the competencies outlined by the Residency Review Committee (RRC) into our training program. This will require added educational support. Currently a one-third FTE support staff is devoted to the residency program. It is anticipated that this will become a fulltime position.

### Issues Related to Existing Faculty and Ongoing Activities

Currently there are five faculty and three staff in the Division of Urology within the Department of Surgery. These individuals will relocate to the new department. The current faculty and the division chief, Dr Robert Newman, have unanimously endorsed the move to department status and have contributed significantly to the proposed structure of the unit. The chairman of the Department of Surgery, Dr. Cance, is also fully supportive of creating a department separate from surgery.

## **Changes to the Minor in Actuarial Science**

The minor in Actuarial Science is a shared minor between the Department of Finance, Insurance and Real Estate, the Department of Mathematics and the Department of Statistics. This minor gives students an appropriate background for the exams given by the Society of Actuaries (SOA) and to find employment in the actuarial profession. The SOA changes their exam structure periodically. The revisions of the minor reflect the new exam structure of the SOA that is effective in January 2005. In particular, the new requirements to be an Associate of the Society of Actuaries requires passing four written exams and three areas of VEE (Validation by Educational Experience) credits. Institutions may apply for VEE credits which will be awarded to students who have taken approved courses and have achieved a grade of B or better in those courses. The three areas for VEE credits are: corporate finance, economics and applied statistics. The University of Florida currently gives courses that should satisfy all three of these areas (corporate finance – FIN 3403, economics – ECO 2013 and ECO 2023, and applied statistics – STA 4210 and STA 4853). The time series and forecasting course is added to the minor requirements, because it is needed as part of the VEE credit in applied statistics. The respective departments are applying for VEE credit approval of these courses by the SOA.

The minor has as its aim to prepare students for this profession by giving them an appropriate background for the VEE credits and the first two examinations given by the SOA. The first exam covers probability. The course STA 4321 contains appropriate material for this exam. The second exam covers the theory of interest. The Department of Mathematics is no longer offering the course MAP 3170 which covered material appropriate for this exam. The Department of Statistics is willing to offer a new course STA 4183 to cover this material. If you examine offerings in actuarial science around the nation, you will find courses on the theory of interest offered sometimes in mathematics (eg FSU and U of Michigan), sometimes in business (eg Drake U) and sometimes in statistics (eg UCF and U of Iowa). So statistics adding this course is not without precedent. In fact the proposed number STA 4183 is the one used at UCF.

## **Minor in Actuarial Science**

### **Proposed:**

#### **Mathematics**

Calculus 2: MAC 2312 or 2512 or 3473	4 credits
Calculus 3: MAC 2313 or 3474	4 credits

#### **Statistics**

Mathematical Statistics 1&2: STA 4321 and 4322	6 credits
Theory of Interest: STA 4183	3 credits
Regression Analysis: STA 4210	3 credits
Intro to Time Series and Forecasting: STA 4853	3 credits

#### **Business Administration**

Financial Accounting: ACG 2021C	4 credits
Risk and Insurance: RMI 3011	4 credits
Business Finance: FIN 3403	4 credits
Macroeconomics: ECO 2013	3 credits
Microeconomics: ECO 2023	3 credits

### **Current (2004-5 Catalog):**

#### **Mathematics**

Calculus 2: MAC 2312 or 2512 or 3473	4 credits
Calculus 3: MAC 2313 or 3474	4 credits
Introduction to Actuarial Mathematics MAP 3170	3 credits

#### **Statistics**

Mathematical Statistics 1&2: STA 4321 and 4322	6 credits
Regression Analysis: STA 4210	3 credits

#### **Business Administration**

Financial Accounting: ACG 2021C	4 credits
Risk Management: RMI 3011 or 4305	4 credits
Business Finance: FIN 3408	3 credits
Macroeconomics: ECO 2013	3 credits
Microeconomics: ECO 2023	3 credits

STA 4183    Theory of Interest    (3 credit hours)

Description:

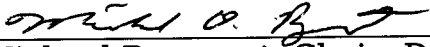
Measurement of simple and compound interests, accumulated and present value. Annuities, yield rates, amortization schedules and sinking funds. Bonds, securities and related funds. Application to mortgages and bonds.

Prerequisite :   C or better in MAC 2312 or 2512 or 3473

Possible Text: Theory of Interest, Second Edition (1991)  
by S.G. Kellison  
Irwin Publishing

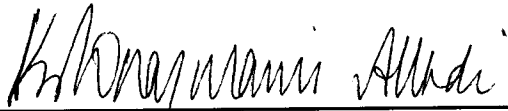


We approve the revisions to the shared minor in actuarial science and the introduction of the new course STA 4183.



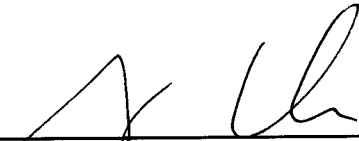
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Michael Ryngaert, Chair, Department of Finance, Insurance and  
Real Estate



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Krishnaswami Alladi, Chair, Department of Mathematics



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George Casella, Chair, Department of Statistics



# UNIVERSITY OF FLORIDA

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6 January 2005

Sheila Dickison, Associate Provost, and  
Members of the University Curriculum Committee  
225 Tigert Hall  
CAMPUS

Dear Sheila and members of the University Curriculum Committee,

The Humanities Center Task Force understands that certain issues call for clarification in its proposal to establish the Center for Humanities and the Public Sphere. The following letter attempts to answer the queries that you communicated in your email regarding the proposal.

The proposal does speak very generally regarding the public sphere. While the technical term "public sphere" is originally derived from the philosopher Habermas, the center engages the important and vigorous debates over the scope of this term. For Habermas, the transformation of the public sphere from a reasoned discourse democratically exchanged to a mediatized discourse controlled by elites and corporate entities was also a call to restructure the public sphere according to Enlightenment terms. The Center for Humanities and the Public Sphere does not intend such a narrow use of the term, but is interested in the interplay of democracy, levels of discourse and opinion, the lines demarcating public and private "spaces," means of access to and of exclusion from such spheres, and how the humanities have been part of, excluded from, and complicit in such questions. But the specification of these questions was left to the more mundane terms "outreach to society and the public sphere" and to "the intersection of the academy and public life" in the administrative language of the proposal.

The UCC was concerned regarding the use of the phrase "unique" in the proposal. The Task Force agrees for several reasons. While the center would be among the very few that investigate the relation between the humanities and the public sphere, it would certainly foster interdisciplinary collaboration, communicate the themes of humanities research to the public, and sponsor events that reach out to the public, which are common to many centers. The center will be like many centers attempting to address the relations of the humanities to an audience larger than the university at the same time that it looks back at how the humanities also shaped and participated in educating and structuring that audience.

The relation of the Center to Centers in the College of Fine Arts has not yet been explored, because, although we hope to see eventual relations and cooperation, the purposes of the various centers overlap at the peripheries at best. The Center for the Arts and Public Policy intends "to provide a forum for the discussion and analysis of arts and public policy issues." The Center for Humanities and the Public Sphere, while it would not exclude such issues in parts of its program, is concerned, of course, with the place of the humanities, their history and interpretations, within their own traditions and the "public sphere" wherein the rational

discourse of the university became both a condition and a problem for civil society in a democratic state, not policy per se. So, we very much hope to work with and encourage projects with other Centers on campus, but we also felt too great an extension at first would be premature.

The proposal does not address more than the very basic notions of collaboration, because one of the problems for the Center is to explore the appropriateness and possibilities of cooperation in the humanities, which have often been viewed as very solitary activities. The basic models first proposed are "faculty and graduate student research groups" (modeled after the practice at the University of Chicago and Stanford University) and "interdisciplinary seminars." One hope is that the Center will provide a place to explore new types of collaboration for such things as writing books and for academic work in the humanities. In addition, the programs envisioned for outreach to the educational and civic public will also involve collaboration, whether between individual scholars or even with the public's own involvement with the task or research undertaken. The seminar might not be the most helpful form of interaction here, but a meeting or internship might be.

The Task Force is ready to provide any further details and explanations to the University Curriculum Committee. We hope we have answered your initial questions and concerns regarding the projects and purposes of this proposed Center.

Sincerely,



John Leavey  
Professor and Chair of English, Chair of Humanities Center Task Force

Diana Boxer  
Professor and Director of Linguistics, Head of Humanities Council

Robert D'Amico  
Professor and Chair of Philosophy

Ann Wehmeyer  
Associate Professor and Chair of African and Asian Languages and Literatures

## Proposal for the Center for the Humanities and the Public Sphere

### Introduction:

This proposal is to establish the *University of Florida Center for the Humanities and the Public Sphere*, whose purpose is twofold: (1) to promote and enhance critical and collaborative research and discussion in the humanities, particularly across and beyond specializations, and (2) to provide a location for outreach to the community in which we live and teach.

The Center will be one of the few in the nation with its outreach to society and the public sphere. Understanding our heritages, traditions and sense of values is critical to world relations and forms the core of the human condition. The Center will therefore be designed to include the intersection of the academy and public life.

### Mission and Areas of Focus

The mission of the Center for the Humanities and the Public Sphere is to provide a site for critical and collaborative discussions of the humanities, particularly across and beyond specializations, and to provide a location for outreach to society and the public sphere.

### Principal Program Activities

The Center for the Humanities and the Public Sphere will sponsor faculty and graduate student research groups and conferences, interdisciplinary seminars for faculty and graduate students on critical topics of the day, visiting lectureships of scholars and writers, and outreach seminars and other activities in the public sphere.

### Rationale for Type II Center Status

Many public and the major private universities have Humanities Centers that serve to foster interdisciplinary activity, circulate information, and provide resources to the university and the community at large. The Consortium of Humanities Centers, established in 1988, has a membership of more than 130 such centers, in the U.S. and abroad. The AAU's Task Force on the Role and Status of the Humanities just published its report on *Reinvigorating the Humanities: Enhancing Research and Education on Campus and Beyond*. In addition to calling for proper recognition of the importance of the humanities to the major research university and for new support for the endeavors of the humanities, the Task Force recommended the creation of "flexible structures" within the University "for interaction and collaboration across humanities disciplines, and among the humanities and the social and natural sciences and the professional schools"; the expansion of funding and fundraising internally and externally; and the building of "partnerships" with educational and cultural organizations in the public sphere. The Executive Summary further suggests "that scholars and

administrators explore ways to clarify and communicate the mission of the humanities, enhance research and teaching, and further integrate the humanities into all scholarly pursuits of knowledge, regardless of the discipline.”

As the flagship university in this state, University of Florida should have a focal point for the intersection of the humanities and issues of current public concern. The formalization of the Center for the Humanities and the Public Sphere will be important in aiding the University to reach the goals stated by the AAU’s Task Force by

developing an organizing structure for advancing and promoting (a) disciplinary and interdisciplinary research and outreach in areas of the Humanities, and (b) collaborative research on the cultures of humankind that cross the traditional academic departmental boundaries;

enhancing the internationalization of the campus coupled with outreach to the community in interdisciplinary fields;

providing an organizing structure for seeking funding from philanthropic foundations for research, exchange programs, and graduate student studies in cross-disciplinary fields of the humanities; and

providing a focal point for attracting distinguished visitors, speakers, exchange scholars in fields relevant to UF research areas in the humanities and related fields of fine arts and societal studies.

### **Organization and Reporting Structure**

The Center for the Humanities in the Public Sphere will be led by a full-time Director, who will report to the Dean of the College of Liberal Arts & Sciences. The Director will co-ordinate all activities of the Center and will be responsible for facilitating public oriented events and for managing national and international visitor programs in selected areas of activity. The Director will also be responsible for developing proposals to philanthropic foundations and identified agencies for supporting research and exchange proposals that fund the activities of the Center. The Director will operate and manage funds for aiding faculty and graduate student researchers engaged in activities sponsored by the Center, and will supervise an Associate Director (a half-time appointment), who will assist the Director in her/his duties

A Faculty Advisory Committee will be appointed by the Dean of the College of Liberal Arts and Sciences in consultation with the Director. The Advisory Committee will consist of scholars engaged in the mission of the Center and will advise the Director and the Executive Board on programs for the Center. A list of faculty members who have participated in activities during 2001-05 in the “nascent” Center for the Humanities is given in Appendix 1.

The Executive Board for the Center will consist of the Humanities Council. The Executive Board will meet annually with the Dean and the Vice President for Research and Provost to review annual activities, progress in fundraising, and plans for following years.

## **Facilities and Budgets:**

The budgetary needs for the salaries and benefits for the full-time Director, a part-time Associate Director, and the Center Director's Secretary will be funded by the College of Liberal Arts and Sciences. Revenue earnings from the Bob and Margaret Rothman Endowment for the Center for the Humanities will fund the activities of the Center. Initial seed funds from the College have and will continue to provide assistance for the activities of the Center, including inviting distinguished scholars and visitors for both short and long term research activities with the Center. The Center will finance the full program by external awards from Foundations and Agencies and from enhanced earnings as the Endowment is supplemented by additional gifts. The Center will be housed in the to-be renovated Newell Hall and form a showcase on the first floor of Newell Hall with reception and display areas, and small- and medium-sized lecture rooms for both public lectures and research and cross-disciplinary seminars and lectures.

## **Appendix 1.**

The colleges, departments, centers and institutes that have collaborated with the 'nascent' Center for the Humanities and the Public Sphere are:

### **College of Liberal Arts and Sciences**

Department of African and Asian Languages and Literatures, Center for African Studies, Center for Applied Philosophy and Ethics, Center for Children's Literature, Center for European Studies, Department of Classics, Department of English, France Florida Research Institute, Department of Germanic and Slavic Studies, Department of History, History of Science Society, Medieval and Early Modern Studies, Department of Philosophy, Program in Linguistics, Paris Research Center, Institute for the Psychological Study of the Arts, Department of Religion, Department of Romance Languages and Literatures, Center for Women's Studies and Gender Research.

### **College of Fine Arts**

School of Art and Art History

### **College of Medicine**

Center for Spirituality and Health

### **UF International Center**

## **Humanities Faculty Activities supported by CLAS and RGP funding for 2001-2005:**

Nora Alter, Professor of Germanic and Slavic Languages and Literatures, Conference on Beyond/After the Screen: The Vicissitudes of Film in the New Millennium.

- Donald Ault, Professor of English, Conferences on Graphic Novel and on Underground Comics.
- Aida Bamia, Professor of Arabic, and Todd Hasak-Lowy, Center for African Studies, Symposium on Representations of Urban Space.
- Alvaro Bolanos, Associate Professor of Spanish, Conference on Hispanism, Hispanic Communities and U.S. Academia.
- John Cech and Center for Children's Literature, and Institute for Children and Families Studies, National Conference on Children, Culture and Violence.
- Frederick Gregory and Stephen McKnight, Professors of History, Conference on Cultures of Science: Unifying Nature Past and Present.
- David Hackett, Professor of Religion, Conference on New Directions in Religious Studies.
- Karelisa Hartigan, Director of Greek Studies, Symposium on Voices in Public Performance
- Galia Hatav, Program in Linguistics, Symposium on Semitic Linguistics.
- Bob Hatch, Professor of History, Conference on the Scientific Revolution.
- Susan Hegeman, Associate Professor of English, Conference on America and Globalization.
- Kirk Ludwig, Professor of Philosophy, Lecture Series on Self-Knowledge.
- Bron Taylor, Hill Chair of Ethics, International Conference on Religion and Nature.
- Dan Kaufmann, Department of Philosophy in collaboration with Center for Women's Studies, Women Philosophers of the Early Modern Period.
- Sheryl Kroen, Associate Professor of History, Gender and the Eighteenth Century: An Interdisciplinary Symposium.
- Robert Ray, Professor of English and Film and Media Studies, Colloquium on Film Scenes.
- Carlos Rojas, Assistant Professor of African and Asian Languages and Literatures, Symposium on Edward Yang and Modern Taiwan Cinema.
- Mark Thurner, Professor of History, Conference on American Empire, A Forum of Our Times.
- Maureen Turim, Professor of English and Film and Media Studies, Conferences on Non-Ending Avant Garde and on Cities of Women: The Filmic Portrayal of Urban Female Struggles.
- Mary Watt, Assistant Professor of Italian, Conferences on Carnival/ Carnevale.
- Julian Wolfreys, Professor of English, Conference on Rethinking Deconstruction.

### **Distinguished External Speakers:**

- John D'Arms, President of the American Council of Learned Societies.
- Keith Baker, J. E. Wallace Sterling Professor of Humanities, Stanford University.
- Jacques Derrida, Director of Ecole des Hautes Etudes de Sciences Sociales, Ecole Normale Supérieure, and Professor of Philosophy and French Literature, University of California, Irvine.
- Jerry Fodor, State of New Jersey Professor of Philosophy, Rutgers University.
- Kirk Freudenburg, Professor of Classics, Ohio State University.
- Sander Gilman, Director of Humanities Laboratory, University of Illinois Chicago.
- Rita Gross, Professor Emeritus of Religion, University of Wisconsin.
- Michael Hardt, Associate Professor of Literature, Duke University.
- Rosemary Hennessy, Professor of English, University of Albany.
- Frederic Jameson, William A. Lane, Jr., Professor of Comparative Literature and Professor of Romance Studies (French), Duke University.
- Peggy Kamuf, Marion Frances Chevalier Professor of French and Comparative Literature,

University of Southern California.  
William Labov, Professor of Linguistics, University of Pennsylvania.  
J. Hillis Miller, UCI Distinguished Professor, University of California Irvine.  
Tim Moore, Professor of Classics, University of Texas.  
Douglas Olson, Professor of Classics, University of Minnesota.  
Elaine Pagels, Professor of Religion, Princeton University.  
Paul Julian Smith, Head, Department of Spanish and Portuguese, Cambridge University.  
Robert Weisbuch, President of Woodrow Wilson Foundation, Princeton.





Research and Graduate Programs  
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November 30, 2004

TO: Sheila Dickison, Associate Provost

FROM: Kenneth Gerhardt, Interim Dean

RE: Agenda item for the UCC

Please add the following proposals to the next UCC agenda, as indicated. The Graduate School will wait for your official notification before proceeding with the administrative duties to implement this program.

1. **Nonthesis option for the M.S. degree in chemistry.** This proposal was approved by the Graduate Council November 18, 2004. We request that this proposal be included on the UCC agenda as an information item.
2. **Change to the transfer of credit policy for all master's degrees.** This proposal was approved by the Graduate Council November 18, 2004. The new policy should read, "Up to a total of 15 credits from postbaccalaureate work at the University of Florida may be transferred with a maximum of 9 credits from an approved institution other than the University of Florida." We request that this proposal be included on the UCC agenda as an information item.
3. **M.S., M.F.R.C., and Ph.D. concentrations in geomatics under the programs in forest resources and conservation.** This proposal was approved by the Graduate Council November 18, 2004. We request that this proposal be included on the UCC agenda as an information item.
4. **Translation Studies Graduate Certificate program through Latin American Studies.** This proposal was approved by the Graduate Council November 18, 2004. We request that this proposal be included on the UCC agenda as an information item.

5. **Requesting the diploma for a master's degree be inscribed with the major.** This proposal was approved by the Graduate Council November 18, 2004. We request that this proposal be included on the UCC agenda as an information item.

cc: Yumiko Hulvey, Associate Dean, College of Liberal Arts and Sciences  
Ben Smith, Scientist, Chemistry  
Alex Angerhofer, Associate Professor, Chemistry  
Bill Riffe, Dean, College of Pharmacy  
Christopher D. Sessums, Director, Distance Learning  
Jane Luzar, Associate Dean, College of Agricultural and Life Sciences  
George M. Blakeslee, SFRC Associate Director  
Elizabeth Lowe, Associate Director, Center for Latin American Studies  
Carmen Diana Deere, Director, Center for Latin American Studies  
John Kraft, Dean, Warrington College of Business  
W. Andrew McCollough, Associate Dean, Warrington College of Business  
Sharon Haughton, Warrington College of Business  
✓ Rick Ragan, Assistant University Registrar, Office of the University Registrar  
Gann Enholm, Coordinator for Graduate Student Records

KJG/ld

**Proposed New Undergraduate and Professional Courses  
(Revised)**

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<b>Course Number</b>	<b>Current Title</b>	<b>Credit</b>	<b>Eff. Date</b>
AEE 3075	Working With People: Interpersonal Leadership Skills	3	8/2005
AFA 3750	Research Methods in African American History	3	8/2005
AFA3915C	Mentoring At-Risk Youth	3	1/2006
AFA3976	The Black Experience: Psychological Perspectives	3	8/2005
AMH 3xxx	History of Disability in America	3	8/2005
ANS 4231L	Techniques in Farrier Science	1	5/2005
ANS 4233L	Intermediate Horse Training	2	5/2005
CZE 2201	Intermediate Czech 2	3	5/2005
GEB 3213	Professional Writing in Business	3	5/2005
HIS 4xxx	Internship in the Practice of History	1-3	8/2005
JPT 4400	Representations of Japan's Modern Empire	3	1/2006
PHA 5238	Pain and Addiction Law and Policy	2	5/2005
PHA 6184	Phytopharmaceuticals	3	1/2006
STA 4183	Theory of Interest	3	8/2005
TPA 4xxx	Lighting Design II	3	5/2005
WIS 3402L	Wildlife of Florida Lab	1	1/2006

# Proposed Undergraduate and Professional Course Changes

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Course	Current Title	Change Type	Change From	Change To
AEE 4227	Laboratory Practices in Teaching Agriculture Education	Credit	2	3
ANS 3934	Careers in the Livestock Industry	Credit	1	2
ANS 4441	Dairy Cattle Nutrition	Corequisites	none	ANS 4441L
ANS 4615	Meat Selection and Grading	Title	current	Meat Animal Selection and Evaluation
DIE 3310	Community Nutrition	Prerequisites	HUN 2201	HUN 2201 and DIE major or consent of instructor
DIE 4125	Food Systems Management	Prerequisites	FOS 3042; MAN 3025	FOS 3042
DIE 4125L	Food Systems Management Lab	Corequisites	DIE 4125	DIE 4125; DIE majors only
DIE 4245C	Medical Nutrition Therapy Applications 1	Prerequisites	HUN 2201; PET 2320C	HUN 2201 and DIE major or consent of instructor
		Corequisites	BCH 3025 or BCH 4024; HUN 4445	HUN 4445, PET 2350C or PCB 4723C; BCH 3025 or BCH 4024
DIE 4246L	Medical Nutrition Therapy Applications 2	Course number	current	DIE 4246C
		Prerequisites	HUN 4445, PET 2350C or PCB 4723C; DIE 4245L	HUN 4445, DIE 4245C, PET 2350C or PCB 4723C
DIE 4436	Nutrition Counseling and Communication	Prerequisites	HUN 2201; HUN 3403	HUN 2201; HUN 3403; DIE majors only
FOS 2001	Man's Food	Credit	2-3	3
FOS 4310L	Experimental Foods Laboratory	Prerequisites	FOS 4311	none
		Corequisites	none	FOS 4311
FOS 4435C	Food Product Development	Prerequisites	FOS 3042; FOS 4222 or FOS 4311	4AG-FS FOS majors
FOS 4731	Government Regulations and the Food Industry	Prerequisites	none	FOS 3042, FOS major or instructor consent
FYC 3401	Introduction to Social and Economic Perspectives on the Community	Prerequisites	FYC 3001	FYC 3001 as prereq or coreq
FYC 4941	Practicum in Family, Youth and Community Sciences	Credit	2	2-3
HSC 3057	Research Methods and Issues in Health Science	Prerequisites	HSC 3502; STA 3024	HSC 3502; HSC 4608L; STA 3024
HSC 4608L	Critical Thinking in Health Care	Prerequisites	HAS 3111; HSC 3502; HSC 4558	HAS 3111; HSC 3502; HSC 3661
HUN 2201	Fundamentals of Human Nutrition	Prerequisites	BSC 2007, BSC 2010, CHM 1025 or CHM 2045	BSC 2007, BSC 2010, CHM 1025, CHM 2045, PET 2320C, PET 2350C or CHM 1020
HUN 3403	Nutrition Through the Cycle	Description		
HUN 4445	Nutrition and Disease 1	Prerequisites	HUN 2201	HUN 2201; CHM 2211

# Proposed Undergraduate and Professional Course Changes

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		Corequisites	BCH 3025 or BCH 4024; PET 2320C or ZOO 3713C; DIE 4245L	BCH 3025 or BCH 4024; PET 2350C or PCB 4723C
HUN 4446	Nutrition and Disease 2	Prerequisites	DIE 4245L; HUN 4445	HUN 4445, BCH 3025 or BCH 4024; PET 2350C or PCB 4723C
		Corequisites	PET 2350C or PCB 4723C; DIE 4246L	none
JPN 1130	Beginning Japanese 1	Prerequisites	none	placement test
JPN 1131	Beginning Japanese 2	Prerequisites	JPN 1120	JPN 1130 or equivalent as proven by placement test
JPN 2203	Intermediate Japanese 1	Prerequisites	JPN 1121	JPN 1131 or equivalent as proven by placement test
JPN 2204	Intermediate Japanese 2	Prerequisites	JPN 2200	JPN 2203 or equivalent as proven by placement test
JPN 3410	Advanced Japanese 1	Prerequisites	JPN 2201	JPN 2204 or equivalent as proven by placement test
JPN 3411	Advanced Japanese 2	Prerequisites	JPN 3400	JPN 3410 or equivalent as proven by placement test
JPT 3100	Japanese Literary Heritage	Title	current	Pre-Modern Japanese Literature
JPT 3130	Japanese Women Writers: The Classical Period	Course number	current	JPT 4430
		Title	current	The Tale of Genji
		Prerequisites	none	1 3000-level JPT course of 1 3000-level Jpn non-language course
JPT 3140	Japanese Women Writers: The Modern Period	Course number	current	JPT 4440
		Title	current	Modern Women Writers
		Prerequisites	none	1 3000-level JPT course of 1 3000-level Jpn non-language course
JPT 3150	Waka: Traditional Japanese Poetry	Course number	current	JPT 4450
		Prerequisites	current	1 3000-level JPT course of 1 3000-level Jpn non-language course
JPT 4502	Japanese Folklore	Course number	current	JPT 3502
JPW 4130	Readings in Japanese Literature	Prerequisites	JPN 3401	JPN 3411 or equivalent as proven by placement test
JPW 4131	Japanese Texts and Contextx	Prerequisites	JPN 3401	JPN 3411 or equivalent as proven by placement test
LAH 4630	National Period Brazil	Title	current	Brazil After 1750
LIN 2210	Phonetic Theory	Credit	4	3
MAE 3811	Mathematics for Elementary School Teachers 2	Prerequisites	Passing score on Arithmetic Competency Exam	Passing score on MAE 3811 Prerequisite Exam

# Proposed Undergraduate and Professional Course Changes

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MAP 4305	Introduction to Differential Equations for Engineers and Physical Scientists	Title	current	Differential Equations for Engineers and Physical Scientists
MAS 3300	Numbers and Polynomials	Prerequisites	MAC 2311 or above at UF	UF math course with grade of C or better
MAS 4105	Linear Algebra 1	Prerequisites	MAC 2313 or MAC 3474	MAC 2313 or MAC 3474 and MAS 3300 or MGF 3202
MAS 4301	Abstract Algebra 1	Prerequisites	MAS 4105	MAS 3300 or MHF 3202 with grade of B or better or MAS 4105 with grade of C or better
MEL 5011	Introduction to the Professions of Medicine	Course number	current	MEL 4011
MHF 3202	Sets and Logic	Prerequisites	MAC 2311 or above at UF	UF math course with grade of C or better
MTG 3212	Geometry	Description	current	Axiomatic treatment of topics in Euclidean, projective geometry and fractal geometry
NUR 3067	Clinical Nursing: Fundamentals in Assessment and Skills	Prerequisites	NUR 3067L; NUR 3125; NUR 3145; NUR 3825	none
		Corequisites	none	NUR 3067L; NUR 3125; NUR 3145; NUR 3825
NUR 3125	Pathophysiology for Nursing	Corequisites	NUR 3067; NUR 3067L	NUR 3067; NUR 3067L; NUR 3145; NUR 3825
NUR 3129	Comprehensive Pathophysiology for Nursing	Corequisites	NUR 3069C; NUR 3145; NUR 3815	NUR 3026C; NUR 3069C; NUR 3145; NUR 3815
NUR 3145	Pharmacology for Nursing	Prerequisites	NUR 3067; NUR 3067L; NUR 3125	none
		Corequisites	none	NUR 3067, NUR 3067L, NUR 3125, NUR 3825 or NUR 3026C, NUR 3069C, NUR 3129, NUR 3815
NUR 3825	Professional Socialization I: Introduction to the Profession	Corequisites	NUR 3067; NUR 3067L	NUR 3067; NUR 3067L; NUR 3125; NUR 3145
NUR 3826	Professional Socialization II: Legal, Ethical and Cultural Issues	Prerequisites	NUR 3067; NUR 3067L; NUR 3355L; NUR 3455L; NUR 4535L; NUR 4635L	NUR 3225; NUR 3225L; NUR 3825
NUR 4767	Nursing Care Management: Complex Health Problems	Corequisites	NUR 4767L; NUR 4827; NUR 4945L	NUR 4767L; NUR 4827; NUR 4945L; nursing licensure diagnostic exam
NUR 4767L	Clinical Nursing: Health Care Application in Complex Health Problems	Corequisites	NUR 4767; NUR 4827; NUR 4945L	NUR 4767; NUR 4827; NUR 4945L; nursing licensure diagnostic exam

# Proposed Undergraduate and Professional Course Changes

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OTH 3010	Preclinical Principles of Occupational Therapy	Termination		
OTH 3110L	Therapeutic Activities for Physical and Cognitive Dysfunction	Termination		
OTH 3416	Pathophysiology	Prerequisites	HSA 3111; HSC 3502	HSA 3111; HSC 3502; PET 2350
OTH 4111C	Practicum in Applied Therapeutic Activities	Termination		
OTH 4314	Psychiatric Disorders	Prerequisites	HSC 3502; HSA 3111	PSY 2012
OTH 4421C	Theory and Application: Biomechanical Rehabilitation	Termination		
OTH 4501L	Theory and Application: Pediatric Dysfunction	Termination		
OTH 4601C	Theory and Application: Elders	Termination		
OTH 4775	Occupational Therapy Research	Termination		
OTH 4810	Practicum 1	Termination		
OTH 4811	Practicum 2	Termination		
OTH 4845	Internship 1	Termination		
OTH 4846	Internship 2	Termination		
OTH 4847	Internship 3	Termination		
OTH 4935C	Occupational Therapy Management	Termination		
OTH 4320C	Theory and Application: Psychosocial Dysfunction 1	Termination		
OTH 4321C	Theory and Application: Psychosocial Dysfunction 2	Termination		
OTH 4412	Musculoskeletal Anatomy	Corequisites	none	OTH 4412L
OTH 4412L	Musculoskeletal Anatomy Lab	Prerequisites	OTH 4412	none
		Corequisites	none	OTH 4412L
OTH 4418	The Nervous System and Disorders	Corequisites	none	OTH 4418L
PCB 4674	Evolution	Prerequisites	BSC 2011; BSC 2011L	BSC 2011; BSC 2011L; PCB 3063
PCB 4712	Comparative Biomechanics	Prerequisites	BSC 2011; BSC 2011L; PHY 2048; PHY 2053L	BSC 2011; BSC 2011L; PHY 2048; PHY 2053L; PCB 4674; ZOO 3713C
PCB 4723C	Animal Physiology	Prerequisites	BSC 2011; BSC 2011L	BSC 2011; BSC 2011L; PCB 3063
PLP 4222C	Introductory Plant Virology	Prerequisites	none	PLP 3002C; BCH 3025
		Corequisites	PLP 3002C	none
RCS 4415L	Therapeutic Communication Skills Lab	Prerequisites	none	HSC 3502; HAS 3111
RCS 4451	Rehabilitation Aspects of Substance Abuse	Prerequisites	none	HSC 3661; RCS 4415L
SUR 2101C	Geomatics	Course number	current	SUR 3101

# Proposed Undergraduate and Professional Course Changes

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SUR 2322C	Project Development and Visualization	Title	current	Visualization of Spatial Information
SUR 3501	Geodetic and Control Surveying	Title	current	Spatial Measurement Systems
SUR 3501L	Geodetic and Control Surveying Lab	Title	current	Spatial Measurement Systems Lab
SUR 4201	Route Geometrics	Title	current	Route Geometrics and Design
		Prerequisites	SUR 2101; senior standing or instructor consent	MAC 1141 or MAC 2311; junior standing or instructor consent
SUR 4201L	Route Geometrics Lab	Prerequisites	SUR 2101; senior standing or instructor consent	MAC 1141 or MAC 2311; junior standing or instructor consent
SUR 4350C	Photogrammetric Geometronics	Title	current	Advanced Photogrammetry
SUR 4530	Geodesy	Title	current	Geodesy and Geodetic Positioning
WIS 3402C	Wildlife of Florida	Course number	current	WIS 3402
ZOO 2203C	Invertebrate Zoology	Prerequisites	BSC 2011; BSC 2011L	BSC 2011; BSC 2011L; PCB 4674
ZOO 3513C	Animal Behavior	Prerequisites	BSC 2011; BSC 2011L	BSC 2011; BSC 2011L; PCB 4674
ZOO 4472C	Avian Biology	Prerequisites	BSC 2011; BSC 2011L	BSC 2011; BSC 2011L; PCB 4674
ZOO 4905	Individual Studies	Prerequisites	BSC 2011; BSC 2011L	BSC 2011; BSC 2011L; 1 zoology lab-based course
ZOO 4940	Teaching Internship	Prerequisites	Senior; instructor recommendation	BSC 2011; BSC 2011L; 1 zoology lab-based course





# UNIVERSITY OF FLORIDA

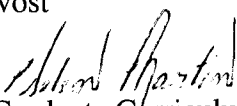
Research and Graduate Programs  
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December 1, 2004

## MEMORANDUM

To: Dr. Sheila Dickison  
Associate Provost

From: Helen Martin   
Coordinator, Graduate Curriculum Committee

Re: Graduate Curriculum

I am forwarding the following course changes to Rick Ragan in the Office of the University Registrar for inclusion in the curriculum inventory. These changes were approved by the Graduate Curriculum Committee at its November 15 meeting pending receipt of additional information. That information has been provided.

- HSA 6195: Title change to Operations Management for Health Care Organizations
- HSA 6196: Title change to Health Services Operations Management and increase to 3 credit hours
- HSA 6342: Increase to 3 credit hours
- HSA 6758: Title change to Performance Improvement for Health Care Managers