

January 7, 201
The following curriculum information is presented to the University Community for its consideration. In accordance with the procedures of the University Curriculum Committee, objections to all proposed new courses, programs, or program/course modifications should be communicated, in writing, within two weeks of the publication date of this bulletin, to Professor Rosalie Hallbauer (Curriculum Committee), Leonard Bliss (Graduate Council), or Professor Gerardo Aladro (Undergraduate Council).



## HEARING NOTICES

NAME:
COLLEGE:
DATE:
TIME:
PLACE:
CONTACT:

PROPOSAL FOR A NEW TRACK IN HEALTH, PHYSICAL EDUCATION AND RECREATION EDUCATION
Friday, January 17, 2003
10:00 AM
DM 441 (UP), LIB 155 (UP)
Debra Trigoboff, College of Education
(Joint Hearing: Curriculum Committee and Undergraduate Coun

Effective Date:
Fall. 2003
Florida International University is authorized to offer the existing baccalaureate degree noted above. This request is to add another degn designation under the authorized program. Offering this additional degree designation will require no new resources.

Briefly describe the need for an additional degree designation. - This alternate implementation aims at giving considerable expertis in a different field to students whose primary focus is in IT whereas the second degree implementation gives considerable IT expertise $t$ students whose primary focus is in another field (the primary major.) The standalone IT degree achieves this goal by requiring all studel to obtain a minor in another program within the university. Both approaches are based on the general agreement in the IT community th to be more effective, IT practitioners must have a good understanding of the field they are serving.

Briefly describe how the-proposed curriculum differs from the existing curriculum and attach a list of the coursework necessary for this program. NOTE: Common Pre-requisites must remain the same. - The existing curriculum is offered as a second major ane as such consists of 30 credit hours. The proposed curriculum will be offered as a stand-alone major consisting of 60 credit hour. Th prerequisites and the required courses for both implementations are the almost the same (the stand-alone implementation requires an additional technical report writing course.) However, the structure of the elective courses is different -- the stanc alone implementation requires more electives and a minor in a different field.

BS in IT program
Common Prerequisites:
(Stand-Alone Major)

1. COP 2250 Programming in Java
2. A 3 credit hour course in Psychology
3. CGS 2060/CGS 2100
4. Pre Calculus
5. MAD 1100 -- Mathematical Foundation of IT
6. CGS 3092 --Professional Ethics and Social Issues in Computer Science

Rationale: Applicants to the Master of Social Work program have a variety of undergraduate backgrounds. Generally, however, they fall into to distinct groupings. First, are the undergraduates who have a general arts and sciences background with a four-year undergraduate degree psychology, sociology, political science or other related fields. The second category includes those graduates of a four-year Bachelor of Social Wo degree.


#### Abstract

Our-year undergraduate applicants from the general studies BA population tend to be mature students many of whom have or are presen employed in applied social work positions. While these students do not have the academic social work course experience, they do have substant social science foundational knowledge to enter the first year of the graduat program Achievement of a GPA of 3.0 or better has generally be a predictor of success in the MSW program. Where studies have been done on the GRE as a predictor of success in social work graduate educatii with this population, the GRE does not emerge as a strong indicator of success. Graduates of these programs are generally assumed to have made acareer deeisionath are returning for advaneed(graduate) professionaledueati insocial work. Throughout North America, suchstudents are given various levels of advaneedstandingstatus withingraduate social work progran With few exeeptions these students have taken at least 20 courses in social work and if they have aehieved at least a 3.0 GPA in those courses th have a strong probability of suecess in the MSW program. Further, although it is not an admissions eriterion, these students are most likely to employed or have been employed in social work prior to seeking advaneed social work edueation. In other words, these applieants are in a positin to provide a range of admissions information in support of their application. Graduates of BSW programs are generally assumed to have made a careel decisior anc art returning fol advancec (graduate professiona educatif in social work. Throughout North America, such students are given various levels of advanced standing status within graduate social work progran With few exceptions these students have taken 60 upper division credits ir social work courses including two Field Practica requiring 630 clor hours of field work. If they have achieved at least a 3.0 GPA in those courses they have a strong probability of success in the MSW progras Further, although it is not an admissions criterion, these students are most likely to be employed or have been employed in social work prior seeking advanced social work education. In other words, these applicants are in a position to provide a range of admissions information in suppc of their application.


The use of the GRE in social work admissions decisions has long been a matter of debate. One of the areas of concern within social work has bei
 possible implications to our applicant population. In excess of $75 \%$ of our applicants are from Hispanic, Black, and African American population This applicant population reflects the composition of our community at large and assist: witl the need for graduates from these ethnic and raci backgrounds. The sehootSchool of sociat Social Work Work must use admissions criteria that would not risk inhibiting these potential applicani

## Summary:

all, the sehoot School of social Social work Work does not see the GRE as a helpful criterion in the admissions procedure at this time. Tl tmmimum GPA, the personal narrative statement, and the letters of reference from employers and previous professors give us a clear perspecti
$\therefore$ on the aspects of the individual's capacity to complete the MSW program. It is more likely that the GRE would discourage and disadvanta! applicants rather than help the admissions committee in its goal to secure the best candidate for the graduate program.

This proposal to request an exemption from the use of the GRE in social work graduate admissions received the support of the faculty within th


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## JURIS DOCTOR/MASTER OF SOCIAL WORK - JOINT DEGREE PROGRAM - FACULTY CONTACT: SCOTT NORBERG

The faculties of the College of Law and the School of Social Work at Florida International University have approved a joint degree progra culminating in both a Juris Doctor degree, awarded by the College of Law, and a Master of Social Work degree, awarded by the School of Soci Work. Under the joint degree program, a student can obtain both degrees in significantly less time than it would take to obtain both degrees pursued consecutively. Essential criteria relating to the joint degree program are as follows:

Candidates for the program must meet the entrance requirements for and be accepted by both the College of Law and the School Social Work.Both schools must be informed by the student at the time of application to the second school that the student intends pursue the joint degree.
2. A student must satisfy the curriculum requirements for each degree before either degree is awarded. The School of Social Work w allow 9 credit hours of approved law courses to be credited toward both the M.S.W. and J.D. degrees. These 9 credit hours of la classes will be in lieu of Social Work electives and must be selected from an approved list of law classes. Reciprocally, law studen may receive 9 hours of credit toward the satisfaction of the J.D. degree for courses taken in the M.S.W. curriculum upon completic of the M.S.W. degree curriculum with a grade point average of 3.0 or higher.


## COLLEGE OF EDUCATION: NEW COURSE REQUEST LISTED BY DEPARTMENT:

CURRICULUM AND INSTRUCTION:
RED 5147 Developmental Reading
3 credit!
Principles, procedures, organization and current practices in the developmental reading program. Overview of instruction practices.

EDUCATION LEADERSHIP AND POLICY STUDIES:
I 6XXX Introduction to Student Affairs Administration
3 credits
Overview of student affairs administration through a review of its history, theoretical foundations, functional areas, legal concerns, administrative structure and current and future issues.
EDH 6XXX Organization and Administration of Student Affairs
3 credits
Exploration oforganizationaiand administrative issues in Student Affairs including relationship to other executive areas interrelationships, if

EDUCATION AND PSYCHOLOGICAL STUDIES:
EDP 7XXX Educational Psychology in cross-cultural contexts Prerequisites: EDP 7054
EDP 7 XXX Psychological problem solving in education
Discussion of psychological problem solving literature and development of problem solving tasks grounded in the educational psychology literature. Prerequisites: EDP 6301
EDP 7483 Seminar in Mixed Methodology of 3 credits Utilization of mixed (Qualitative and Quantitative) methods in research, including critical evaluation-if worldviews, typology, research questions, data collection/analysis, and meta interferences.
EDP 7492
Educational Program Evaluation
3 credits
Design, development and implementation of program evaluation studies in education, interpretation and dissemination 0 the findings. Prerequisites EDF 6475, EDF 6481, EDE 6486
EDP 7980 Doctoral Dissertation in-Edmerttonal|Psyetologyantrioeenech


Research for dorctoral dissertation students approved for candidacy in Educational Research and Measurement and in Educational Psychology.

| PET 4XXX | Advanced Exercise Physiology <br> Provides a detailed examination of the acute and chronic responses to exercise and training. <br> Particular attention is given to responses at the systems and cellular levels. Prerequisites: <br> PET 3351 <br> Medical conditions in Athletic Training |
| :--- | :--- |
| PET 4XXX |  |


COLLEGE OF ARTS AND SCIENCES: NEW COURSE REOUEST LISTED BY DEPARTMIENT: BIOLOGICAL SCIENCES:
BOT 5XXX Workshop in Plant Morphology
Techniques to analyze plant form and experience with the diversity plant morphology; field work using the collections at Fairchild Tropical Gardens. Prerequisites: Two Botany courses or permission of the instructor.
OCB 4XXX $\quad$ Marine Microbial Ecology marine food webs and the biogeochemical cycling of carbon and nutrients, and the significance of microbial food webs marine productivity. Prerequisites: BSC1010;
BSC1011; OCB3043.
OCB 6XXX Advanced Marine Microbial Ecology 3 cre
Diversity, ecology and physiology of marine viruses, bacteria and protozoa, their role in marine food webs and biogeochemical cycling of carbon and nutrients, and the significance of microbial food webs for marine productiv Prerequisites: OCB3043 or equivalent.
PCB 4806 Endocrinology Laboratory 1 cr
Laboratory- A series of Lab exercises and experiments designed to supplement lecture material in PCB 4806, coordinated with that content. Prerequisites: General Biology I and II, Permission of the instructor.
PCB 5XXX Immunophysiology
Physiological and Endocrine Regulation of the Vertebrate Immune System. Prerequisites:
Immunology PCB 4233
ZOO 3XXX Forensic Osteology
3 cre

A detailed examination of the human skeleton revealing such individual traits as sex, age, height, and race in order to a law enforcement investigators in forensic identifications.

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IT Core Courses (21 credits)
CGS 3425 - Web-Based Programming
CGS 3260 - Microcomputer Organization
CGS 3760 - Computer Operating Systems
CGS 4283- Applied Computer Networking
CGS 4825 - Web Site Construction and Management
CGS 4366 - Information Storage and Retrieval
ENC 3211 - Report & Technical Writing
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All students must obtain a minor in another discipline ( 15 credits)
IT Electives 15 credits
Students must select two areas of concentration. Students must take at least two courses in each of the selected concentration areas (4 courses). The fifth cour: might be selected from any available area of concentration.

- System Administration
- Applied Network Administration
- Application Development
- Databases

Free electives ( 9 credits)
Total credit hours: 60 credits

## 次 COLLEGE OF ARTS \& SCIENCES: REOUEST FOR ADDITION OF MINOR DEGREE DESIGNATION UNDER EXISTINI BACCALAUREATE: PROPOSAL FOR MINOR IN ASTRONOMY

FIU is authorized to offer the baccalaureate degree in Physics, CIP Code 1902, and has been doing so as the B.S. in Physics. The current B.: program includes a Minor in Physics. We request the addition of a Minor in Astronomy. This minor program requires no additional resources; simply offers more opportunities for students and will increase enrollment in several existing courses.

The physics Minor in Astronomy is designed to meet the needs of the following categories of students:

1. Students looking to prepare themselves for graduate studies in astronomy/astrophysics.
2. Students looking to add flexibility to their major in the College of Liberal Arts and Sciences.
3. Students who wish to enter science/mathematics education. The ubiquitous need for teachers in these critical fields continues. The ac. 1 of a Minor in Astronomy to another Science BS/BA degree will enhance students' preparedness to teach at the high school level.

This minor program is designed for students who desire additional capabilities in astronomy. The program offers enhanced preparatio =forgraduatestudies in astronomy and astropitysics. it is aiso almed at students interested in careers in science education, science center musea, and planetaria.

|  | Required Courses (21 credits) |  |
| :--- | :--- | :--- |
| PHY 2048 | Physics with Calculus I | 4 |
| PHY 2048L | Physics with Calculus Lab I | 1 |
| PHY 2049 | Physics with Calculus II | 4 |
| PHY 2049L | Physics with Calculus Lab II | 1 |
| PHY 3123 | Modern Physics I | 3 |
| PHY 3123L | Modern Physics Lab I | 1 |
| AST 3213 | Modern Astrophysics | 3 |
| AST 3XXX* | Observational Astronomy | 3 |
| AST 3XXXL* | Observational Astronomy Lab | 1 |

## Total

"New courses submitted Nov. 2002 and to be approved.

Admissions Requirements: Applicants to the Master of Social Work (MSW) program in the School of Social Work are required to me the minimum standards set forth by the Florida Department of Education and the graduate social work program. All applicants must achieve at lea a 3.0 GPA in all upper level courses. In addition, applicants must write a personal narrative describing certain areas of their personal backg' relative to their goals in achieving a social work degree. Three letters of reference are also required from academics and/or previous emplujet The School of Social Work Admissions Committee reviews the applications in relation to each of these requirements and the candidate's suitabili to enter the professional program. The GRE has been required but rarely used in the decision making process.

