MINUTES
Graduate Council
October 18, 2012

Present: Ex officio: M. Sohn (Chairperson), M. Baloga


Guests: M. Gallo, E. Kalajian, H. Rassoul

The meeting was called to order at 1:02 p.m.

1) ADDRESS COUNCIL MEMBERS – Dr. Monica Baloga

Dr. Baloga reported that an ad hoc committee has been formed including volunteers Drs. Maul, Silaghi, Richardson, Harvey, Koksal, and Taylor. As she explained at the September meeting of Graduate Council, this committee is charged with developing a recommendation regarding a structure for Graduate Council representation. Dr. Baloga will keep Council Members updated on progress.

2) MINUTES OF THE SEPTEMBER 2012 GRADUATE COUNCIL MEETING

Unanimously Approved

The minutes of the September 20, 2012 meeting were unanimously approved on a motion by Dr. Strother and a second by Dr. Webster.

3) DIRECTOR’S REPORT – Dr. Rosemary Layne

Dr. Layne reported that three proposed new courses were circulated electronically in September and October for consideration by Council Members.

BIO 5569 Genomic Instability & Human Disease – approved with 15 votes in favor and 2 no opinion.

BIO 5029 Chemical Ecology – Because questions arose during the electronic voting, Dr. Harvey requested that the course be placed on the agenda for October’s graduate council meeting (Item 5 below) with additional information provided for review.

ENS 5702 Lake and Reservoir Restoration and Management – approved with a vote of 14 in favor, 1 no opinion, and 2 no response. This was a bi-level course that had originally been presented at the September meeting of Graduate Council.
4) **CHANGING CREDITS IN A COURSE – BIO 5045, BIO 5010, and BIO 5028**

*Unanimously Approved*

Dr. Carroll elaborated on the request made by the Department of Biology to reduce the number of credits from 4 to 3 in **BIO 5045 Reproduction and Recruitment of Fishes**, **BIO 5010 Ichthyology**, and **BIO 5028 Design and Analysis of Ecological Studies**. He explained that course material would be reduced to equate to a three credit course, consisting of three 50 hour course classes per week. He added that these courses are electives, not prerequisites or required courses.

On a motion by Dr. Maul and a second by Dr. Carroll, the request made by the Department of Biology to reduce the number of credits from 4 to 3 in **BIO 5045, BIO 5010**, and **BIO 5028** was unanimously approved.

5) **ADDING A NEW COURSE TO THE CURRICULUM – BIO 5029**

*Unanimously Approved*

A request was made by the Department of Biology to add a new course, **BIO 5029 Chemical Ecology**. Because electronic voting was stopped, text and topics were added and provided in handouts, distributed to council members at today’s meeting.

On a motion by Dr. Harvey and a second by Dr. Silaghi, the request to add a new course, **BIO 5029 Chemical Ecology** was unanimously approved.

Dr. Balogha advised committee members that a new Adding a New Course to the Curriculum form is now on the Registrar website. She requested that council members remind their departments that proposed courses with a program level assessment component will require her signature on the new form.

6) **NEW COURSES – AVS 6000, AVS 6010, AVS 6100, AVS 6110, AVS 6200, AVS 6500, AVS 6899, AVS 6900, AVS 6995, and AVS 6999**

*Unanimously Approved*

A request was made by the College of Aeronautics to approve ten new courses that will be a component of the proposed PhD in Aviation degree program, which is currently being prepared. **AVS 6000 Quantitative Research Designs in Aviation Research**, **AVS 6010 Qualitative and Mixed Methods Designs in Aviation Research**, **AVS 6100 Applied Multiple Regression and Correlation Analysis for Aviation Research**, **AVS 6110 Advanced Multivariate Statistics for Aviation Research**, **AVS 6200 Contemporary and Future Issues in Aviation**, **AVS 6500 Selected Topics in Aviation**, **AVS 6899 Final Semester Dissertation**, **AVS 6900 Research Practicum**, **AVS 6995 Research in Aviation**, and **AVS 6999 Dissertation**.
In response to Dr. Richardson’s question, Dr. Gallo noted similar quantitative and qualitative methods courses offered in other departments such as Biological Sciences and Education and Interdisciplinary Sciences. These proposed courses are tailored to aeronautics and consider research from refereed journals in aviation. He stressed that AVS 6110 Advanced Multivariate Statistics for Aviation Research is designed for interpreting and analysis of data using statistical software (in contrast to use of mathematics) in the context of the given aviation research study. A fellow council member commented that the course title is misleading and clarification might be needed. It was recommended to change the word “Advanced” to “Applied” in the title as follows: AVS 6110 Advanced Applied Multivariate Statistics for Aviation Research. It was mentioned that the course AVS 6900 Research Practicum had only 15 weeks in the syllabus (page 35 of the packet). Dr. Gallo offered the solution of more contact hours being created by adding a week of student discussion.

On a motion by Dr. Maul and a second by Dr. Silaghi, the request to approve the aforementioned ten new courses (with title change for AVS 6110) was unanimously approved.

7) INFORMATION ITEM – Human-Centered Design as an “area of research emphasis”

Item Discussed

The Department of Mechanical and Aerospace Engineering advised that due to the addition of the HCD PhD program, Human-Centered Design has been removed as an “area of research emphasis” in the PhD Program in Aerospace Engineering.

8) INFORMATION ITEM – Fast Track in Innovation and Entrepreneurship MS degree program

Item Discussed

Dr. Vamosi announced that the Nathan M. Bisk College of Business will offer a Fast Track Program for the new MS in Innovation and Entrepreneurship. This Fast Track program is open to all undergraduate Florida Tech students (not just Business students) who meet the requirements of 95 credit hours completed with a minimum GPA of 3.4. Applicants are currently being accepted for the summer 2013 program launch.

The next meeting will be held on Thursday, November 15, 2012.

With no further business, the meeting adjourned at 1:39 p.m.

Rosemary G. Layne, Ed.D.  
Director of Graduate Programs