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## Agenda for the November 17, 2009 CGS Meeting

**Items Approved:** 09-19, Dietetics Option in FCS changed to MS in Dietetics  
09-20, FCS 5153, Nutrition in the Life Cycle (Revised Course Proposal)  
09-28, Geographic Information Systems (New Professional Science Master's Program (Proposal)  
09-29, CHM 4770, Molecular Spectroscopy (Revised Course Proposal)  
09-30, KSS 5280, Exercise Metabolism Body Comp (New Course Proposal)  
09-31, KSS 5270, Neuromus Exercise Physiol (New Course Proposal)  
09-32, KSS 5260, Cardiopulm Exercise Physiology (New Course Proposal)  
09-33, Revision, Master of Science in Kinesiology and Sport Studies  
09-34, GEG 5980, Geography Internship (New Course Proposal)

**Items Pending:** None

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### Council on Graduate Studies

#### Minutes

November 17, 2009

The November 17, 2009 meeting of the Council on Graduate Studies was held at 2:00 p.m. in Room 3108, Blair Hall.

**Members Present:** Dr. John Dively, Dr. Chris Hanlon, Dr. Heidi Larson, Dr. Andrew McNitt, Dr. David Raybin, Ms. Leah Reeves, Dr. Tina Veale, Dr. John Willems

**Members Absent:** Dr. Jeff Laursen, Dr. Lisa Taylor

**Staff Present:** Ms. Sue Songer, Ms. Lana Beasley

**Guests Present:** Dr. Rebecca Peebles, Dr. Mark McGuire, Dr. John Stimac, Dr. Karla Kennedy-Hagan, Dr. Jill Owen, Dr. Jake Emmett

#### I. Approval of the October 20, 2009 CGS Meeting Minutes.

The minutes of October 20, 2009 were approved as written.

#### II. Communications:

##### a. College Curriculum Committee Minutes:

1. October 16, 2009 College of Sciences Curriculum Committee minutes.
2. October 30, 2009 College of Sciences Curriculum Committee minutes.
3. October 27, 2009 Council of Teacher Education minutes.
4. October 26, 2009 College of Education and Professional Studies Curriculum Committee minutes
5. November 9, 2009 Lumpkin College of Business and Applied Sciences Curriculum Committee minutes

##### b. Executive Action Request:

1. October 29, 2009 memorandum from Dean Diane Hoadley requesting a change to the prerequisite for :  
MBA 5980, Internship in Business Administration
2. October 30, 2009 memorandum from Dean Diane Jackman requesting the addition of prerequisites to:  
MLE 5110, Principles and Procedures in the Middle-Level School  
MLE 5150, Interdisciplinary Curriculum in the Middle-Level School
3. April 24, 2009 memorandum from Dean Mary Anne Hanner requesting the following changes:  
CHM 4750, Environmental Chemistry- Change prerequisites and notes in catalog

- CHM 4800, Selected Topics in Chemistry- Change prerequisites and notes in catalog  
 CHM 4860, Biochemistry III- Change course title, prerequisites and notes  
 CHM 4900, Inorganic Chemistry II- Change prerequisites and notes in catalog  
 CHM 4915, Advanced Laboratory- Change prerequisites and notes in catalog
4. November 13, 2009 memorandum from Dean Diane Hoadley requesting course description and prerequisite/note changes for the following:
- MBA 5500 – Quantitative Modeling
  - MBA 5550 – Marketing Management
  - MBA 5640 – Financial Management
  - MBA 5660 – Operations Management
  - MBA 5670 – Management Information Systems
  - MBA 5680 – Organizational Behavior and Group Dynamics

### III. Items Added to the Agenda:

1. 09-30, KSS 5280, Exercise Metabolism Body Comp (New Course Proposal)
2. 09-31, KSS 5270, Neuromus Exercise Physiol (New Course Proposal)
3. 09-32, KSS 5260, Cardiopulm Exercise Physiology (New Course Proposal)
4. 09-33, Revision, Master of Science in Kinesiology and Sport Studies
5. 09-34, GEG 5980, Geography Internship (New Course Proposal)
6. 09-19, Dietetics Option in FCS changed to MS in Dietetics
7. 09-20, FCS 5153, Nutrition in the Life Cycle (Revised Course Proposal)
8. 09-28, Geographic Information Systems (New Professional Science Master's Program Proposal)
9. 09-29, CHM 4770, Molecular Spectroscopy (Revised Course Proposal)

*Dr. Hanlon motioned and Dr. Larson seconded the motion to add these items to the agenda to be acted on in today's meeting.*

### IV. Items Acted Upon

1. 09-30, KSS 5280, Exercise Metabolism Body Comp (New Course Proposal)

*Dr. Emmett presented the information regarding the new course proposal and answered questions of the council. Proposal was unanimously approved effective Summer 2011.*

#### **5280 KSS. Regulation of Exercise Metabolism and Body Composition (3-0-3) SU.**

Exercise Metabolism Body Comp. Study of the regulation and the assessment of energy use/metabolism during and following exercise, including the influence of diet and training on exercise metabolism. Also included are assessment of body composition and obesity, the affect of exercise on body composition, and the role of exercise in weight regulation. Prerequisite: BIO 2001, Human Physiology and KSS 4340, Exercise Physiology or permission of department chair.

2. 09-31, KSS 5270, Neuromus Exercise Physiol (New Course Proposal)

*Dr. Emmett presented information regarding the new course proposal and answered questions of the council. Proposal was unanimously approved effective Spring 2011.*

#### **5270 KSS. Neuromuscular Exercise Physiology. (3-0-3) S.** Neuromus Exercise Physiol.

This course examines the affects of acute and chronic exercise, including various types of

strength and conditioning programs, on the function of the neuromuscular system in various populations (e.g. health, women, elderly, disease, etc.) BIO 2001, Human Physiology and KSS 4340, Exercise Physiology. Prerequisite: BIO 2001, Human Physiology and KSS 4340, Exercise Physiology or permission of department chair.

3. 09-32, KSS 5260, Cardiopulm Exercise Physiology (New Course Proposal)

*Dr. Emmett presented information regarding the new course proposal and answered questions of the council. Proposal was unanimously approved effective Fall 2010.*

**5260 KSS. Cardiopulmonary Exercise Physiology. (3-0-3) F.** Cardiopulm Exercise Physiology. This course examines the response of the cardiopulmonary system to acute and chronic exercise in healthy individuals and those with various types of cardiopulmonary dysfunction. Prerequisite: BIO 2001, Human Physiology and KSS 4340, Exercise Physiology or permission of department chair.

4. 09-33, Revision, Master of Science in Kinesiology and Sport Studies

*Dr. Emmett presented information regarding the revision to the Exercise Science Field of Study. There are two options: Clinical Exercise Science Option or Non-clinical Exercise Science Option. After answering questions of the council the revisions were approved unanimously to be effective Fall 2010.*

5. 09-29, CHM 4770, Molecular Spectroscopy (Revised Course Proposal)

*Dr. Rebecca Peebles presented information regarding the revisions to the course and answered questions of the council. Revised proposal was approved unanimously by the council effective Fall 2010.*

**CHM 4770 - Molecular Spectroscopy.**

~~(1-6-3) (0-6-2) Use of pulsed nmr, Fourier transform infrared, Raman, vibronic absorption, and time resolved laser induced fluorescence spectroscopy to determine molecular structure, force fields, and the dynamics of molecular motion and energy transfer processes.~~ **On demand.** Application of spectroscopic techniques to study molecular structures, properties and dynamics. Methods used include vibrational and rotational spectroscopy, laser spectroscopy, and computational techniques. WI

**Prerequisites & Notes**

~~CHM 3915 and 3920 or 5300 or concurrent enrollment in CHM 5300.~~ CHM3915 (with a grade of C or better) and CHM3920; or permission of instructor

Credits: ~~3~~ 2

6. 09-34, GEG 5980, Geography Internship (New Course Proposal)

*Dr. John Stimac presented the new course proposal to the council and answered questions. Proposal was unanimously approved effective Fall 2010.*

**5980 GEG. Geography Internship. (Arr.-Arr.-1-6) On Demand.** An individually planned work experience in a business or agency appropriate to the student's area of specialization. Internship must be approved by the department Chair. Course may be repeated to a maximum of 6 hours. Restrictions: Graduate Level

7. 09-28, Geographic Information Systems (New Professional Science Master's Program Proposal)

*Dr. John Stimac presented the proposal to the council and answered questions. Proposal was unanimously approved effective Fall 2010. (See Attachment A)*

8. 09-20, FCS 5153, Nutrition in the Life Cycle (Revised Course Proposal)

*Dr. Karla Kennedy-Hagan presented the revised course proposal. Proposal was unanimously approved effective Fall 2009.*

### **FCS 5153 - Nutrition in the Life Cycle**

~~(3-0-3)~~ (2-0-2) Nutrition as a factor in human growth and development throughout the life cycle.

#### **Prerequisites & Notes**

~~Nutrition in the Life Span (FCS 3755);~~ **Advanced Human Nutrition (FCS 4750)** This course is restricted to graduate students enrolled in the MS in FCS: Dietetic Option and Graduate Students who have met the prerequisite requirements.

Credits: 3 2

9. 09-19, Dietetics Option in FCS changed to MS in Dietetics

*Dr. Karla Kennedy-Hagan presented the proposal for the new Master in Science in Dietetics. The program was approved with a note that it is not a Program Name Change, but a New Program and under Administrative Structure, the words Currently, both, would be removed (See attachment B). Following is the result of the vote:*

*Yes: Dively, Larson, McNitt, Raybin, Reeves, Veale, Willems*

*No: None*

*Abstained: Hanlon*

*Note: Following the meeting Dr. Mary Herrington-Perry did note that this new program would need to be approved by the IBHE.*

#### **V. Committee Reports:**

1. Textbook Rental – Dr. Raybin reported the committee toured the new Textbook Rental building for their last meeting. It is finished outside but not inside. It is anticipated to be finished sometime during the Spring 2010 semester.
2. Library Advisory – Dr. Veale reported that the main issue being discussed at the meetings is regarding the Booth Library Research/Creative Activity award – it has not been finalized at this time.
3. ATAC – Dr. Veale said they will be meeting in December.
4. Honorary Degree – Dr. Dively noted minor changes were made to IGP 52 and it has been submitted to the President's Council for further consideration.
5. TEAM Grants Council – Ms. Reeves reported that all grants were approved except one.
6. GSAC – Dr. Veale reported that GSAC is looking into the issue of health insurance coverage for graduate students, especially graduate assistants. A couple of issues are the low lifetime limit amount and that spouses and family are not considered for coverage. GSAC is also looking to provide more social activities for graduate students.
7. CASL – No report was given at this time.

**VII. Dean's Report:**

Congratulations were given to Dean Augustine, in his absence, for being elected to the board of directors for the Council of Graduate Schools in Washington, DC.

The next meeting will be held Tuesday, December 6, 2009.

The meeting adjourned at 3:35 p.m. *–Minutes prepared by Ms. Lana Beasley, Staff*

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The current agenda and all CGS minutes are available on the Web at  
<http://www.eiu.edu/~eiucgs/index.php>.

\*\*\*\*\* ANNOUNCEMENT OF NEXT MEETING \*\*\*\*\*  
December 6, 2009  
3108 Blair Hall @ 2:00 p.m.

**Agenda:** None

**Approved Executive Actions:**

**LCBAS  
Effective Fall 2010**

1. **MBA 5980:**  
\* Add to Prerequisites and notes: or other graduate degree programs.

**MBA 5980 - Internship in Business Administration.**

(Arr.-Arr.-1 to 12) (Credit/No Credit) An approved employment experience in an appropriate organization. NOTE: A maximum of three semester hours may be applied to the MBA degree program.

Prerequisites & Notes: Approval of the Coordinator, Graduate Business Studies and admission to the MBA degree program or other graduate degree programs.

Credits: 1 to 12

**CEPS  
Effective Spring 2010**

1. **MLE 5110:**  
\* Add the following course prerequisite: ELE 3000 and ELE 3280; SED 3000 or SED 3330 and EDP 3331; completion of the Alternate Certification Program; or permission of department chair.

***MLE 5110 - Principles and Procedures in the Middle-Level School.***

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(3-0-3) Definition and rationale for middle level education, historical development, components of the middle school, curriculum and organizational patterns, teacher's role in middle-level education, and planning for instruction. This course partially fulfills

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the ISBE requirements for middle-level endorsement. Prerequisites & Notes: ELE 3000 and ELE 3280; SED 3000 or SED 3330 and EDP 3331; completion of the Alternate Certification Program; or permission of department chair.

Credits: 3

2. **MLE 5150:**  
\* Add the following course prerequisite: ELE 3000 and ELE 3280; SED 3000 or SED 3330 and EDP 3331; completion of the Alternate Certification Program; or permission of department chair.

***MLE 5150 - Interdisciplinary Curriculum in the Middle-Level School.***

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(3-0-3) Interdisciplinary organization of curriculum and instructional techniques appropriate for middle-level schools. Emphasis on instruction in multiple content areas appropriate for grades 6-8 including enhancement of instruction with available technology. Appropriate assessment measures which comply with current state mandates are also emphasized. This course partially fulfills the ISBE requirements for middle-level endorsement. ELE 3000 and ELE 3280; SED 3000 or SED 3330 and EDP 3331; completion of the Alternate Certification Program; or permission of department chair.

Credits: 3

**COS**

**Effective Fall 2010**

1. **CHM 4750:**  
\* Change the following course prerequisite: CHM 2730; CHM 3910 or permission of the instructor. CHM 3450 recommended. Replace with: CHM 2730; CHM 2430 or CHM 2840

4750 CHM. Environmental Chemistry (3-0-3) On Demand. The chemistry of environmental processes and chemical contaminants in the hydrosphere, atmosphere, and biosphere; the impact of energy generation on the global environment; the toxicology of specific chemical compounds. Prerequisites & Notes: CHM 2730; CHM 2430 or CHM 2840. Credits: 3

2. **CHM 4800:**  
**Effective Fall 2010**  
\* Change prerequisites & notes in the catalog description of CHM 4800 (*Selected Topics in Chemistry*) to: Variable depending on topic

***CHM 4800 - Selected Topics in Chemistry.***

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(Arr.-Arr.-1 to 3) A course in a selected area of chemistry. May be repeated for credit if a different topic is taught.

**Prerequisites & Notes**

Variable depending on topic.

Credits: 1 to 3

3. **CHM 4860:**  
**Effective Fall 2010**

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\* Requested Change: Change course title to: Advanced Biochemistry and change the prerequisites to: CHM 3460 or 3450 with instructor permission

***CHM 4860 - Advanced Biochemistry.***

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(3-0-3) Topics may include protein structure and function, enzyme mechanisms, transcription, DNA replication, regulation of DNA expression, and cellular signaling pathways.

**Prerequisites & Notes**

CHM 3460 or 3450 with instructor permission

Credits: 3

4. **CHM 4900:  
Effective Fall 2010**

\* Change Prerequisite and notes to: CHM 2310 with a grade of C or better; CHM 3910 (or concurrent enrollment therein)

***CHM 4900 - Inorganic Chemistry II.***

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(3-0-3) Bonding, structures, and reactivity of inorganic, organometallic, and bioinorganic compounds.

**Prerequisites & Notes**

CHM 2310 with a grade of C or better; CHM 3910 (or concurrent enrollment therein).

Credits: 3

5. **CHM 4915:  
Effective Spring 2010**

\* Change Prerequisites & Notes to: CHM 2840, 2845, 3780, and 4900. Prior completion of CHM 3915 recommended

***CHM 4915 - Advanced Laboratory***

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(1-6-3) An interdisciplinary laboratory course featuring experiments in inorganic, organic, and organometallic chemistry. Experiments will emphasize advanced techniques of chemical research, including the synthesis and characterization of important classes of inorganic, organic, and organometallic compounds.

**Prerequisites & Notes**

CHM 2840, 2845, 3780, and 4900. Prior completion of CHM 3915 recommended

Credits: 3

**LCBAS**

**All Effective Fall 2010**

1. **MBA 5500:**

\*Change Prerequisites & Notes to: BUS 3950 and admission to the MBA or MSNS-GIS Option degree programs.

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**MBA 5500 - Quantitative Modeling.**

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(3-0-3) A study of practical statistics and operations research topics using spreadsheet models. Statistical concepts include confidence intervals, hypothesis testing, chi-square tests, t-tests, ANOVA's, and correlation analysis. Operations research topics will integrate finance, marketing and operation management models using spreadsheets.

**Prerequisites & Notes**

BUS 3950 and admission to the MBA or MSNS-GIS Option degree programs.

Credits: 3

**2. MBA 5550:**

\* Change Prerequisites & Notes to: BUS 3470 and admission to the MBA or MSNS-GIS Option degree programs.

**MBA 5550 - Marketing Management.**

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(3-0-3) Analysis of the strategic marketing problems confronting managers in the evaluation of marketing opportunities, selection of target markets, development of marketing strategies, planning of marketing tactics, and implementation and control of the marketing effort.

**Prerequisites & Notes**

BUS 3470 and admission to the MBA or MSNS- GIS Option degree programs.

Credits: 3

**3. MBA 5640:**

\*Change Prerequisites & Notes to: BUS 3710, BUS 2810, and admission to the MBA or MSNS- GIS Option degree programs.

**MBA 5640 - Financial Management.**

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(3-0-3) An investigation of the firm's acquisition and financing activities, to include working capital management, capital budgeting, capital structure strategies, and valuation theory. The practical application of financial policy is stressed for decision-making purposes.

**Prerequisites & Notes**

BUS 3710, BUS 2810, and admission to the MBA or MSNS- GIS Option degree programs.

Credits: 3

**4. MBA 5660:**

\* Change Prerequisites & Notes to: BUS 3950 and admission to the MBA or MSNS-GIS Option degree programs.

**MBA 5660 - Operations Management.**

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(3-0-3) An integrative course that is concerned with the production and distribution of goods and services. Topics that are covered in depth are operations strategy, service and product design, quality, lean manufacturing management, supply chain management and integrative technologies in operations. Cases are used to analyze situations, and to understand the

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impact of operations on other functional areas.

**Prerequisites & Notes**

BUS 3950 and admission to the MBA or MSNS-GIS Option degree programs.

Credits: 3

5. **MBA 5670:**

\*Change Prerequisites & Notes to: BUS 3500 or ACC 3900 and admission to the MBA or MSNS- GIS Option degree programs.

***MBA 5670 - Management Information Systems***

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(3-0-3) An analysis of managerial issues related to information technologies. Topics include information strategies, information systems methodologies, management of information resources, and management of innovation and change.

**Prerequisites & Notes**

BUS 3500 or ACC 3900 and admission to the MBA or MSNS- GIS Option degree programs.

Credits: 3

6. **MBA 5680:**

\* Change Prerequisites & Notes to: BUS 3010 and admission to the MBA or MSNS- GIS Option degree programs.

***MBA 5680 - Organizational Behavior and Group Dynamics.***

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(3-0-3) Organizational and business application of theory and research in individual differences, interpersonal relations, and small group dynamics.

**Prerequisites & Notes**

BUS 3010 and admission to the MBA or MSNS- GIS Option degree programs.

Credits: 3