

# **Graduate Curriculum Committee Agenda**

**May 1, 2020**

**10:00 AM - 12:00 PM**

**Online via Zoom**

## **ATTENDANCE:**

### **Members**

- Dr. Aziza Zemrani
- Dr. Lilia Fuentes
- Dr. Nancy Razo
- Dr. George Yanev
- Dr. John Ferris
- Dr. Sibin Wu
- Dr. John VandeBerg
- Dr. Abdoulaye Diallo
- Dr. Carlos de Souza

### **Visitors**

- Dr. Bin Wang
- Dr. Akinloye Akindayomi
- Dr. Jim Jupp
- Dr. Velma Menchaca
- Dr. Donald Fuller
- Dr. Michael Persans
- Dr. Sarah Williams-Blangero
- Dr. Ming-Tsan Lu (Pierre)
- Dr. Javier Macossay-Torres
- Dr. Federico Guerra
- Dr. Sudershan Pasupuleti
- Dr. Russell Adams
- Dr. Murat Karabulut

### **Graduate College**

- Dr. Sandra Hansmann
- Laura Chávez
- Omar Nedzelsky
- Gianina Espinosa
- Veronica Ramirez

### **Registrars**

- Amanda Lerma

### **Ex Officio**

- Dr. Parwinder Grewal

**A. CHAIR'S CALL TO ORDER**

**B. APPROVAL OF MINUTES**

<b>Presenter</b>	
<b>Motion:</b>	
<b>Rec.</b>	
<b>Notes</b>	Approved

**C. OLD BUSINESS**

1. None

**D. NEW BUSINESS: REVIEW OF SUBMISSIONS**

**1. Vackar College of Business and Entrepreneurship**

**A. Department of International Business and Entrepreneurship**

- i. NEW – Certificate in Entrepreneurship (12-hour consisting of existing courses: ENTR 6341 Entrepreneurial Marketing Fundamentals, ENTR 6370 Entrepreneurial Law, ENTR 4360 Entrepreneurial Finance and Funding, and the new course, "ENTR 6335")
  - a. Course Inventory: ADD – ENTR 6335 Entrepreneurship

<b>Presenter</b>	Russell Adams
<b>Motion:</b>	George Yanev
<b>Rec.</b>	Nancy Razo
<b>Notes</b>	Approved

**B. Department of Management**

- i. Course Inventory: REVISE – MGMT 6333 Human Resource Management in Healthcare
- ii. Course Inventory: REVISE – MGMT 6372 Organizational Leadership and Change
- iii. Course Inventory: REVISE – MGMT 6390 Strategic Management
- iv. Course Inventory: REVISE – MGMT 6330 Organizational Behavior

**C. Department of Economics and Finance**

Course Inventory: REVISE – ECON 6350 Managerial Economics

<b>Presenter</b>	Akinloye Akindayomi
<b>Motion:</b>	Sibin Wu
<b>Rec.</b>	Carlos De Souza
<b>Notes</b>	Approved

**D. Ph.D. in Business Administration**

- i. Course Inventory: REVISE – BADM 9110 Independent Study

<b>Presenter</b>	Bin Wang
<b>Motion:</b>	Carlos De Souza
<b>Rec.</b>	Sibin Wu
<b>Notes</b>	Approved

**2. College of Sciences**

**A. Department of Chemistry**

- i. Master of Science in Chemistry
  - a. Course Inventory: ADD – CHEM 6395 Spec Top. in Materials Chemistry

<b>Presenter</b>	Javier Macossay-Torres
<b>Motion:</b>	Sibin Wu

<b>Rec.</b>	John VandeBerg
<b>Notes</b>	Approved

**B. Master of Science in Biochemistry and Molecular Biology**

- i. Degree Program Action:
  - a. Substitution of BIOL 6201 for CHEM 6102
  - b. Increase the required course credits from 10 to 11
  - c. Reduction of free elective courses from 13 to 12

<b>Presenter</b>	Michael Persans
<b>Motion:</b>	Aziza Zemrani
<b>Rec.</b>	Nancy Razo
<b>Notes</b>	Approved

**3. College of Engineering and Computer Science**

**A. Department of Civil Engineering**

- i. Master of Science in Civil Engineering
  - a. Degree Program Action:
    - 1. Reduced required total credit hours for the Non-Thesis track from 36 to 30
    - 2. Core Course Requirement is changed to 6
    - 3. Core Course CIVE 6351 is replaced with CIVE 6352
  - b. Course Inventory: ADD – CIVE 6381 Independent Study and Research

<b>Presenter</b>	Sandra Hansmann
<b>Motion:</b>	Aziza Zemrani
<b>Rec.</b>	John VandeBerg
<b>Notes</b>	Approved

**B. Department of Manufacturing and Industrial Engineering**

- i. Master of Science in Engineering Management
  - a. Degree Program Action: Offer the program in AOP format.

<b>Presenter</b>	Sandra Hansmann
<b>Motion:</b>	Nancy Razo
<b>Rec.</b>	Aziza Zemrani
<b>Notes</b>	Approved

**4. College of Health Professions**

**A. Department of Health & Human Performance**

- i. Master of Science in Exercise Science
  - a. Course Inventory: ADD – KINE 5350 Cardiovascular Physiology

<b>Presenter</b>	Dr. Murat Karabulut
<b>Motion:</b>	John VandeBerg
<b>Rec.</b>	Carlos De Souza
<b>Notes</b>	Approved

**B. Department of Communication Sciences and Disorders**

- i. Master of Science in Communication Sciences and Disorders
  - a. Degree Program Action: Revise Admission Requirements

<b>Presenter</b>	Donald Fuller
<b>Motion:</b>	Nancy Razo
<b>Rec.</b>	John VandeBerg
<b>Notes</b>	Approved

**5. College of Education and P-16 Integration**

**A. Department of Organization and School Leadership**

- i. Master of Education in Teacher Leadership
  - a. Degree Program Action: Revise Admission Requirements
    - 1. Change from 3 years of teaching experience to 2 years of teaching experience.

<b>Presenter</b>	Velma Menchaca
<b>Motion:</b>	John VandeBerg
<b>Rec.</b>	Aziza Zemrani
<b>Notes</b>	Approved

**A. Department of Teaching and Learning**

- i. Master of Education in Curriculum and Instruction
  - a. Degree Program Action: Revision of Content Specialization
    - 1. Adding course and defining specialization courses.
  - b. Course Inventory: ADD – EDFR 6301 Educational Research in Teaching

<b>Presenter</b>	Jim Jupp/ Ming-Tsan Lu (Pierre)
<b>Motion:</b>	Lilia Fuentes
<b>Rec.</b>	Aziza Zemrani
<b>Notes</b>	Approved

**6. School of Medicine**

**A. NEW – Ph.D. in Human Genetics**

- i. Course Inventory: ADD – HGEN 8101 Student Seminar
- ii. Course Inventory: ADD – HGEN 8301
- iii. Course Inventory: ADD – HGEN 8305

- iv. Course Inventory: ADD – HGEN 8310
- v. Course Inventory: ADD – HGEN 8315 Current Topics in Human Genetics
- vi. Course Inventory: ADD – HGEN 8320 Proposal Preparation and Grantsmanship
- vii. Course Inventory: ADD – HGEN 8325 Advanced Topics in Molecular Genetics
- viii. Course Inventory: ADD – HGEN 8330 Advanced Topics in Statistical Genetics
- ix. Course Inventory: ADD – HGEN 8335 Advanced Topics in Bioinformatics
- x. Course Inventory: ADD – HGEN 8340 Database Management and Data Analysis for Genetic Research
- xi. Course Inventory: ADD – HGEN 8345 Field Studies of Human Populations
- xii. Course Inventory: ADD – HGEN 8350 Advanced Topics in Complex Disease Genetics
- xiii. Course Inventory: ADD – HGEN 8355 Advance Topics in Omics Research
- xiv. Course Inventory: ADD – HGEN 8360 Advanced Topics in Population Genetics
- xv. Course Inventory: ADD – HGEN 8365 Advanced Topics in Human Evolutionary Genetics
- xvi. Course Inventory: ADD – HGEN 8370 Advanced Topics in Animal Models for Human Disease
- xvii. Course Inventory: ADD – HGEN 8375 Stem Cell Based Methodologies in Human Disease Gene Identification
- xviii. Course Inventory: ADD – HGEN 8380 Advanced Topics in Neurogenetics
- xix. Course Inventory: ADD – HGEN 8385 Advanced Topics in Functional Genomics
- xx. Course Inventory: ADD – HGEN 8390 Translational Genetics
- xxi. Course Inventory: ADD – HGEN 8395 Directed Research
- xxii. Course Inventory: ADD – HGEN 9300 Doctoral Research
- xxiii. Course Inventory: ADD – HGEN 9100 Doctoral Research

<b>Presenter</b>	Sarah Williams-Blangero
<b>Motion:</b>	Carlos De Souza
<b>Rec.</b>	George Yanev
<b>Notes</b>	Approved

**7. Items from the floor**

**8. School of Social Work – No Submissions**

**9. School of Nursing – No Submissions**

**10. College of Liberal Arts – No Submissions**

**11. College of Fine Arts – No Submissions**

**12. Graduate, Honors, or University College – No Submissions**

**E. OTHER INFORMATIONAL ITEMS**

## **F. ADJOURNMENT**

### **A. CHAIR'S CALL TO ORDER**

- ✚ Dr. Ferris calls meeting to order  
First item on the agenda is approval of the minutes.

### **B. APPROVAL OF MINUTES**

- Minutes approved

## B. Department of Management

❖ **Dr. Akin:** Department of Management and Department of Economics are making two requests.

1. Did not foresee the issues that students would be encountering. For example, Management 6300 was removed as a prerequisite to Management 6330 and Management 6360. Management 6300 has been removed as a foundational course and approved students are not required to take those courses, but in the course catalog and administered by the Graduate College and the Registrar's office, the course catalog still has Management 6300 as a prerequisite. The catalog or the system is stopping students from registering for Management 6330 and 6360. We must do the manual override on a case by case and is becoming inefficient.

❖ **Remove Management 6300 as a Prerequisite to Management 6330 and Management 6360**

2. Same issue as above. ECON 6301 is a prerequisite to ECON 6350 and because we no longer have ECON 6301 as a prerequisite student are having issues and we must override.

❖ **Asking to remove ECON 6301 and Management 6300 as a prerequisite because we no longer require these classes as foundation classes in MBA program as approved by this committee.**

❖ Change title to Operations Management

- Sabin Wu motioned and Carlos De Souza second the motion
- Approved

## C. Ph.D. in Business Administration

❖ **Dr. Wang:** Revision of the course title BADM 9110 Comps Independent study to just Independent Study and therefore students can register when they need a one-hour class. Also, the University will get the appropriate formula funding for business, that is higher than a UNIV course.

- Carlos De Souza motioned and Sabin Wu second
- Approved

## A. Department of Chemistry

❖ **Javier Macossay-Torres:** Requesting new number for the class (Chemistry 6395)

❖ **Sandra Hansmann:** Can you explain to us the benefit of having the new number?

❖ **Javier Macossay-Torres:** for example, instead of being 6330 Special Topics in Chemistry, the class will be Materials Chemistry. It will be offered regularly in the cohort rotation every year. It will not share the same number when it comes to the students on their transcripts, it will show specifically the title of the class.

❖ **Aziza Zemrani:** if it is going to be part of the curriculum, why do we have Special Topics because usually when you have a special topic you try that course if it is of any interest to the students?

❖ – (rephrase Zemrani's question) would it be better to name it materials chemistry or is it important to keep the word "Special Topics?"

❖ **Javier Mocassay-Torres:** no preference, you can get rid of Special Topics and leave it as Materials Chemistry

- **Special Topics will be removed, and course will be called Materials Chemistry**
- Sabin Wu motioned and John Vandeburg second
- Approved
  - Zemrani: **suggestion. In addition to yes, no, perhaps add yes, with minor change (on the voting poll).**

## **B. Master of Science in Biochemistry and Molecular Biology**

- ❖ **Michael Persans:** this relatively new degree (Fall 2019) a course called Chemistry 6102 was going to be developed however, it did not come to fruition. Substitute class BIOL 6102 Scientific Writing and BIOL 6201 Scientific Communications. Scientific Communication encompasses both the writing and the philosophical aspect of science and how to do and the scientific method. It is a two-hour course; it is a required course it would move the required course credits from 10 to 11. The degree is fixed at 30 hours and the elective courses will be reduced from 13 to 12 (12 is easily divisible by 3 and 4). Scientific Communications covers that but to keep the degree at 30, the required courses would go up by one in the elective courses to go down by one.
  - Aziza Zemrani motioned and Nancy Razo second
  - Approved

## **A. Department of Civil Engineering**

- ❖ **Sandra Hansmann:** There are two tracks. Thesis track and non-thesis track and inadvertently these two tracks came to be different numbers of semester credit hours, which is not allowed to have two different pathways of required courses of different hours to the same degree. Graduate College needed for them to change their non-thesis track to 30 to match the thesis track and is accomplished by making these changes to the degree plan.
  - Changing core requirements to 6 credit hours
  - Changing 6351 out with a new class 6352 because it better meets the needs of students in this reduced hour.
  - They want to strengthen the curriculum was through opportunities for students to have more hands on one on one research experience with the faculty mentor. In an organized class they may not have 10 or 15 students, so the Independent Study is part of the request.
  - Students doing non-thesis track will have a Comprehensive Exam and the thesis will have to do a thesis.
- Aziza Zemrani motion and John VandeBerg second
- Approved

## **B. Department of Manufacturing and Industrial Engineering**

- ❖ **Sandra Hansmann:** It is currently offered in traditional format and would like to offer it in Accelerated Online Program (AOP).
  - **AOP vs Traditional**
  - **AOP** operates in a seven-week semester and **TRADITIONAL** is 15-16 weeks semester. However, they do have the exact same number of contact hours and the content that is covered is also the same as covered in the traditional program. AOP maintains the same educational standards and requirements from the university.

1. An advantage (AOP) is that it has been designed that students can enter the program in any module.
2. Another advantage is that we have undertaken some extensive studies and the rigor and graduation rate, and success rates of these students is higher than almost anywhere in the nation. Our AOP classes meet and exceed the same learning benchmarks that other programs do.

- ❖ **Aziza Zemrani:** Having Synchronous session required?
- ❖ **Sandra Hansmann:** It can be placed as an agenda item at a future meeting?
- ❖ **Geogre Yanev:** How do you deal with prerequisites?
- ❖ **Aziza Zemrani:** There are no prerequisites in the Online Program.

- Nancy Razo motion and Aziza Zemrani second
- Approved

#### **A. Department of Health & Human Performance**

- ❖ **Murat Karabulut:** KINE 5345 Cardiovascular Physiology is an elective class and we want to provide more options to students because our electives are very limited. We are encouraging faculty to offer new options. This class focuses more on cardiovascular problems and exercise effect on the cardiovascular problems.

1. Provide more options
2. Provide more face to face options

- John VandeBerg motion and Carlos De Souza second
- Approved

#### **B. Department of Communication Sciences and Disorders**

- ❖ **Donald Fuller:** Trying to get permission to change one of the required items that we have in our admission requirements. Working on developing a post baccalaureate or leveling curriculum as part of that course. We are going to start accepting students from other fields, who go through our leveling curriculum. Change the wording on our graduate admission requirement. It states that the candidate must have a degree specifically in the field of speech pathology or communication disorders. That would rule out anybody that has any type of leveling curriculum. Change the language so that includes not only students who have degrees in our field, but students who have gone through the leveling program to our department.

- Nancy Razo motion to approve and John VandeBerg second
- Approved

#### **Department of Organization and School Leadership**

- ❖ **Velma Menchaca:** Change the admission requirement in teaching experience from 3 years to 2 years. By the end of two years teachers know whether they want to be a leader (not a principal) but a campus leader.

- John VandeBerg motion to approve and Aziza Zemrani second
- Approved

#### **A. Department of Teaching and Learning**

- ❖ **Dr. Jim Jupp and Ming-Tsan Lu** presented and discussed the approval process at the college level. The committee raised concerns that there was not enough faculty involved.

- The item was tabled – (Lilia Fuentes moved to table and Aziza second)
- Item will be heard again on the Graduate Curriculum Committee meeting May 29, 2020

#### A. NEW – Ph.D. in Human Genetics

❖ **Sarah Williams-Blangero:** The PhD program is designed to meet the growing need for doctoral level scientist and human genetics and genomics. There's demand for qualified human geneticists in other areas including patent law, biotech, pharmaceutical development, clinical lap management, and science reporting.

- The proposed PhD program is a 72-hour credit program regardless of whether or not the students have a master's degree entry.
- To get a PhD in human genetics students must successfully complete 36 semester credit hours of course work, two student seminars, a comprehensive exam, a dissertation research proposal that is done and the format of an NIHR one grant application and a dissertation.
- In addition to internal monitoring of this program, we will have an external advisory board of experts who will review the program annually for the first five years and then biannually thereafter.
- The plan is to enroll seven students per year starting Fall 2021 until graduation and until with graduation and traditionally achieved the steady state of 25 students.
- There will be tenure track faculty that will contribute 15% and 55% effort to the program. Non tenure track faculty that will contribute 10 and 20% effort. A program director that will contribute 75% effort to the program. A staff of an accountant, administrative assistant, and research associate to help manage the program.

- Carlos De Souza motion to approve and George Yanev second
- Approved

#### A. Vackar College of Business and Entrepreneurship–NEW certificate & Entrepreneurship

❖ **Russell Adams:** Entrepreneurship 4360 should read instead 6360, that is the new course that is going to be added.

- Entrepreneurship 6335 was previously management entrepreneurship, but the change of Entrepreneurship was previously approved by the Graduate Committee.
- Add one new course Entrepreneurship 6360 Entrepreneurial Finance and Funding
- We already have three courses available and for courses is enough to make a certificate we want to add Entrepreneurial Finance and funding.
- These four things are the critical things that someone needs to know to be able to have a good idea of how to start a business test their ability etc...

❖ **George Yanev:** One requirement is that will people be able to complete it within a year? Can you guarantee that these four courses will be offered regularly that when a student starts the certificate, they will be able to finish within a year?

❖ **Russell Adams:** yes.

- George Yanev motion to approve and Nancy Razo second
- Approved

## 7. Items from the floor

### ❖ Presented by Sudershan Pasupuleti

- Online Instructional Designer Certificate
- This certificate will be in collaboration with College of Education and P-16 Integration, COLTT, and Graduate College and will work as a team to implement this certificate.
- Three existing courses in Educational Technology
- One new course that will be added with Components of Instructional Design
- COLTT and Ed Tech will be collaborating in designing the course syllabus
- Admission requirements for the certificate will be the admission criteria but it will be jointly implemented by COLTT and College of Ed
- There are four courses and they are as follows:
  1. EDTC 6321 Instructional Design
  2. EDTC 6341 Student-Centered Learning Using Technology
  3. EDTC 6351 Web-Based Multimedia in Instruction
  4. EDTC 6353 Instructional Design Practicum, (**new course**)

### ❖ **Parwinder Grewal:** the need of this certificate is evident now because even local schoolteachers must teach online for this whole semester. We are uncertain what is to be in the Fall. There is interest. Because of the time we are in schoolteachers designing their courses and taking this certificate as well.

- Aziza Zemrani motion to approve and Nancy Razo second
- Approved

🚩 Meeting Adjourned 2:02 PM