

UNIVERSITY of HOUSTON

UNDERGRADUATE COMMITTEE OF THE FACULTY SENATE

Agenda for October 28, 2015
Faculty Senate Office, Room 306, M.D. Anderson Library
3pm – 5pm

- TO:** Mara Affre, Leonard Bachman, Roger Blakeney, Simon Bott, Andrea Burrige, Teresa Chapman, Wynne Chin, Cheryl Craig, Kerry Creelman, Daniel Currie, Jose Guillermo De Los Reyes, Bret Detillier, Martha Dunkelberger, William Epling, Sarah Fishman, Albert Flavier, Donald Foss, Dina Galley, Rebecca George, Maria Alejandra González-Peréz, Debbie Henry, Michelle Ivey, Bruce Jones, Heidi Kennedy, Clint Kirchhoff, Christine LeVeaux-Haley, Teri Longacre, Sal Loria, Daniel Maxwell, Jeremy May, Sandra McNeely, Susan Miertschin, Andra Olivia Miljanić, Ognjen Miljanić, William Munson, Michael Murray, Raresh Pascali, Maria Peden, Ruxandra Prodan-Boul, Amy Ramirez, Miguel Ramos, Jagannatha (JR) Rao, Kamran Riaz, Hugo Salinas, Lori Selzer, Shishir Shah, Robert Shimko, Jonathan Snow, Natalie Sumrow, D. Christopher Taylor, Len Trombetta, Nina Tucci, Chad Wayne, Lawrence Williams, Djuana Young
- FROM:** Martha Dunkelberger, Chair, Undergraduate Committee
- DATE:** October 21, 2015

I. Call to Order

- a. Review of [Minutes for September 23, 2015](#) Meeting

II. Announcements

- a. **NOTE:** All meetings are held in room 306 (Faculty Senate Office), M.D. Anderson Library unless, otherwise noted. We're glad to be back in our regular location, and don't anticipate further room changes.
- b. **Remaining 2015-2016 Meetings:**
 - i. Fall 2015 Meetings: October 28, November 18, December 2
 - ii. Spring 2016 Meetings: January 27, February 24, March 23, April 20, May 11
- c. **Helpful Websites:**
 - i. Undergraduate Committee: www.uh.edu/undergraduate-committee/
 - ii. Curriculog: <https://uh.curriculog.com/>
 - iii. Curriculog Training & "How Tos" (including Curriculog Support Team contact information): <https://ssl.uh.edu/about/offices/enrollment-services/registrar/curriculog-training/index.php>
 - iv. Undergraduate Catalog: catalog.uh.edu
 1. Core Curriculum: <http://catalog.uh.edu/content.php?catoid=8&navoid=1471>
- d. **E-mail Listservs:**
 - i. General Membership: UNDERGRAD-COMMITTEE@LISTSERV.UH.EDU
 - ii. Subcommittees:
 - UC-CORE-CURRICULUM@LISTSERV.UH.EDU
 - UC-DEGREE-PROG_CB3_1@LISTSERV.UH.EDU
 - UC-DEGREE-PROG_CB3_2@LISTSERV.UH.EDU
 - UC-POLICY-PROCEDURES@LISTSERV.UH.EDU
 - UC-STUDENT-SUCCESS@LISTSERV.UH.EDU
 - UC-URGD-CATALOG@LISTSERV.UH.EDU
 - iii. Sharing Agenda & Minutes with Membership & Campus Partners:
 - UC-NEWS@LISTSERV.UH.EDU

III. New Business

a. Curricular Practical Training Policy Updates

- i. Presenters:** Dr. Jaime Ortiz (Vice Provost, Global Strategies and Studies), Dr. Valerie Coleman-Ferguson (General Counsel), and Anita Gaines (Director, International Student and Scholar Services)

IV. Administration Representatives' Reports

a. Student Affairs (presenting in person)

b. The following reports were provided in writing:

- i. Admissions:** included at end of this document
- ii. Financial Aid:**
- iii. OUR:**
- iv. Student Success:** nothing to report at this time

V. Subcommittee Reports

- i. Curriculog 1 Subcommittee Report:** Andrea Burrige, Chair - included at end of this document, additional updates will be provided
- ii. Curriculog 2 Subcommittee Report:** Jagannatha Rao, Chair - included at end of this document
- b. Core Curriculum Subcommittee Report:** Simon Bott, Chair
- c. Student Success Subcommittee Report:** Larry Williams, Chair
- d. Academic Policies & Procedures Subcommittee Report:** Daniel Currie, Chair – update will be submitted ASAP
- e. Undergraduate Catalog Subcommittee Report:** Michael Murray, Chair

VI. Old Business

- a. Bylaws Review:** update

VII. Adjournment

Office of Admissions
Undergraduate Committee Report
October 20, 2015

Spring 2016 Admissions

- Target enrollment goal is 2,000- 2,300 with 80-100 freshman.
- Application deadline is December 18th and the credentials deadline is January 6th.
- The New Student Orientation (NSO) registration site opened on October 14th. 272 students have already RSVP to attend.
- Currently students are able to sign up to attend NSO on December 9th, 11th or January 8th. The remaining January conferences will open after December 12th.

Application and Admit Numbers

Transfer

2,237 transfer applications have been received. Applications are down 11.8% from 2015.
873 transfer students have been admitted. Admits are down 14.7% from 2015.

Freshman

353 freshman applications have been received. Applications are down 27.4% from 2015.
52 freshmen have been admitted. Admits are down by 14.7% from 2015.

Former Students

442 former student applications have been received. Applications are down 6.8% from 2015.
115 former students have been admitted. Admits are up by 16.2% from 2015.

Fall 2016 Admissions

Freshman

5,887 freshman applications have been received. Applications are up 18.9% from 2015.
947 freshmen have been admitted. Admits are up by 47.7% from 2015.

The Transfer and Former Student Application will open on January 2, 2016.

Cougar Preview – University Open House was held on October 17th. There were approximately 1,100 guests (600 students) in attendance.

UNIVERSITY of HOUSTON

To: Martha Dunkelberger, Chair,
Undergraduate Studies

From: Andrea Burridge, Subcommittee Chair
Curriculog 1 Subcommittee

Subject: Subcommittee Report

Date: October 21, 2015

The Curriculog 1 Subcommittee met on October 7, 2015. The committee met in 112P Farish Hall. Subcommittee members present were Andrea Burridge, Teresa Chapman, Albert Flavier, Michelle Ivey, Susan Miertschin, Ognjen Miljanic, and Len Trombetta. Guests Attending included Regina Capuano, Margarete Jadamic (both from NSM).

New Courses

Subject to minor editorial changes, the subcommittee recommends approval of the following courses:

1. GEOL 3325 – Rocks and Minerals
2. GEOL 3379 – Computing and Programming for Geoscience
3. GEOL 4381 – Geophysical Signals and Analysis
4. GEOL 4383 – Elements of Reservoir Geophysics

Course Changes

Subject to minor editorial changes, the subcommittee recommends approval of the following course changes

1. GEOL 3130 – Paleobiology Laboratory
2. GEOL 3380 – Paleobiology
3. GEOL 3338 – Environmental Hydrogeology
4. GEOL 3342 – Principles of Air Pollution
5. GEOL 3378 – Principles of Atmospheric Science
6. GEOL 4340 – Aerosols and Climate
7. GEOL 4341 – Dynamic Meteorology
8. GEOL 4367 – Geochemical Reaction Modeling

9. GEOL 4379 – Groundwater and Engineering Geophysics
10. GEOL 4385 – Introduction to Marine Geophysics

Program Changes

1. Changes to Atmospheric Science Minor – Because the list of previous list of 4 elective courses was too limiting and thus delayed graduation, the program proposes to replace the previous list with this requirement with a requirement for “six semester hours of approved advanced electives” which will allow for flexibility to add new courses as the program expands.
2. Changes to Earth Science BA degree – Students will be required to complete Math 1431 and 1432 (Calculus I and II) in place of Math 1310 and 1330. This better prepares students mathematically for the major.
3. Changes to Geophysics BS degree – This proposal increases the number of required geophysics courses and increases the number of geophysics elective courses that are offered. The degree requires 120 SCH.

The subcommittee recommends approval.

UNIVERSITY of HOUSTON

To: Martha Dunkelberger, Chair,
Undergraduate Studies

From: Andrea Burridge, Chair
Degree Programs–Curriculog 1 Subcommittee

Subject: Subcommittee Report

Date: October 28, 2015

The Degree Programs/Curriculog 1 Subcommittee met on October 21, 2015. The committee met in 112P Farish Hall. Subcommittee members present were Andrea Burridge, Teresa Chapman, Albert Flavier, Michelle Ivey, Susan Miertschin, Len Trombetta. Guests attending included Edward Blair and Michael Murray (both from Bauer College of Business).

Program Changes

The subcommittee recommends approval of the following program changes:

1. Changes to Environmental Sciences BS degree
 - a. Addition of courses to Group 1 electives necessary to allow students to graduate in 4 years as most Group 1 courses are taught every other year. The statement “approved electives” is added as well.
 - b. The recommended semester of completion is changed to ensure students complete elective requirements (Group 1 and Group 2) within 4 years.

2. Change to Business Entrepreneurship Major
 - a. Add 3 credit hours of a Values and Leadership course (a one credit hour course that will be repeated over three semesters). The number of required advanced electives is reduced to 3 from 6 SCH.

3. Changes to the Supply Change Management Certificates

Students must complete the courses that comprise the certificates with an average grade of B or better. In addition, the ability to make an approved course substitute is explicitly stated.

a. Strategic Sourcing Certificate

- i. SCM 4351 Strategic Sourcing and Spend Analysis or MANA 4340 Negotiations
- ii. SCM 4380 Enterprise Resource Planning or approved substitute

b. Energy Supply Chain Certificate

- i. SCM 4302 Energy Supply Chain or FINA 4371 Energy Value Chain
- ii. SCM 4312 Project Management for Energy Industries, SCM 4311 Project Operations or approved substitute

c. Business Analytics Certificate

- i. SCM 4380 Enterprise Resource Planning
- ii. SCM 4385 Supply Chain Analytics and Simulation or approved substitute

UNIVERSITY of HOUSTON

To: Martha Dunkelberger
Chair, Undergraduate Committee

From: J.R. Rao,
Curriculog-2 Subcommittee

Subject: Subcommittee Report

Date: October 19, 2015

The Curriculog-2 subcommittee has recently met three times as follows:

1. September 30, 2015. 3-4:15 pm in Room 202, Engineering Bldg. 1 (Epling, Gonzalez-Perez, Pascali, Wayne and Rao attending).
2. October 7, 2015. 3-4:15 pm in Room 206, Engineering Bldg. 1 (Gonzalez-Perez, Pascali, Wayne, Shimko and Rao attending).
3. October 14, 2015. 3-4:15 pm in Room 202, Engineering Bldg. 1 (Gonzalez-Perez, Pascali, Wayne, Shimko and Rao attending).

Course Revisions in Hotel and Restaurant Management:

HRMA 2340 - Systems of Accounts in the Hospitality Industry
HRMA 2350 - Managing in the Service Environment
HRMA 3341 - Hospitality Managerial Accounting
HRMA 3343 - Hospitality Cost Controls
HRMA 3364 - Hotel Sales
HRMA 4322 - Restaurant Management
HRMA 4328 - Restaurant Development

The subcommittee recommends that the above course revisions be approved.

Program Policy Changes in Psychological, Health, and Learning Sciences:

The Department of Psychology, Health, and Learning Sciences is revising the readmission from suspension requirement and the admission to the HDFS-EC 6 certification program.

These changes ensure that (1) students admitted to the HDFS-EC-6 program meet State Board of Educator criteria for becoming teachers; and (2) create procedures to assist readmission students in progressing to degree completion.

The subcommittee recommends approval for these changes.

New Course in Education:

ELPS - 3327 - Seminar in Family Policy|

The subcommittee recommends approval for this new course.

Degree Program Changes in Technology:

Engineering Technology – Biotechnology, BTEC degree plan:

The department is requesting approval to create a new 3 credit hour course under the heading BTEC 3302: Molecular Genetics in Biotechnology for the Fall 2016 semester and to remove BIOL 3301: Genetics and BIOL 4320: Molecular Biology from the BTEC degree plan. An additional 3 hours of free elective would be offered to maintain the requisite 120+ hours for the program.

The subcommittee recommends approval for this proposal.

Course Changes in Technology:

BTEC - 3302 - Molecular Genetics and Biotechnology

BTEC - 3320 - Introduction to Quality Assurance and Quality Control in Biotechnology

BTEC - 4101 - Principles of Bioprocessing Laboratory

BTEC - 4301 - Principles of Bioprocessing

BTEC - 4319 - Microbial Biotechnology

ELET - 4345 - The Principles and Applications of Fuel Cell Technology

MECT - 4326 - Fundamentals of Offshore Systems

MECT - 4328 - Fundamentals of Pipeline Design

MECT - 4330 - Valve Design

CNST - 2325 - Process and Industrial Subsystems

CNST - 2341 - Construction Documents

CNST - 2345 - Contract Documents for Capital Projects

The subcommittee recommends approval for the above course change proposals.

Degree Program Changes in Mathematics:

To further strengthen the computational components of the undergraduate curriculum in Mathematics, the Department of Mathematics is introducing the following two new courses:

1. MATH 2131 - Linear Algebra Labs with MATLAB, a one-unit course required for math majors, whose purpose is to introduce the usage of MATLAB to enhance understanding of concepts and applications of Linear Algebra.
2. MATH 4366 - Numerical Linear Algebra, a 4000-level Math elective course that can be combined with MATH4364 - Introduction to Numerical Analysis in Scientific Computing to form a new Math Senior Sequence for math majors.

These two new courses affect the following degree programs, for which revisions have been proposed:

2016-2017 - Mathematics - Bachelor of Arts in Mathematics

2016-2017 - Mathematics - Bachelor of Arts in Mathematics: teachHouston

2016-2017 - Mathematics - Bachelor of Science in Mathematics

2016-2017 - Mathematics - Bachelor of Science in Mathematics with an Option in Mathematical Finance

2016-2017 - Mathematics - Bachelor of Science in Mathematics: teachHouston

In all these five degree plans, the total credit hours remain unchanged at 120.
The subcommittee recommends approval for these degree plan changes.

New Courses in Mathematics:

MATH - 2131 - Linear Algebra Labs with MATLAB

MATH - 4366 - Numerical Linear Algebra

The subcommittee recommends approval for these two new course proposals.

Course Revisions in Mathematics:

MATH - 3338 - Probability

MATH - 3364 - Introduction to Complex Analysis

MATH - 3396 - Senior Research Project

MATH - 4315 - Graph Theory with Applications

MATH - 4331 - Introduction To Real Analysis I

MATH - 4332 - Introduction to Real Analysis II

MATH - 4335 - Partial Differential Equations I

MATH - 4336 - Partial Differential Equations II

MATH - 4350 - Differential Geometry I

MATH - 4351 - Differential Geometry II

MATH - 4355 - Mathematics of Signal Representation

MATH - 4362 - Theory of Differential Equations and Nonlinear Dynamics

MATH - 4365 - Numerical Methods for Differential Equations

MATH - 4366 - Numerical Linear Algebra

MATH - 4377 - Advanced Linear Algebra I

MATH - 4388 - History of Mathematics

MATH - 4389 - Survey of Undergraduate Mathematics

MATH - 4390 - Applied Mathematics Seminar

MATH - 4397 - Selected Topics in Mathematics

The subcommittee recommends approval for the above course change proposals.

TO: Martha Dunkelberger, Chair
 Undergraduate Committee

FROM: Daniel Currie, Chair
 APP Subcommittee

SUBJECT: Subcommittee Report

DATE: October 24, 2015

The APP subcommittee met several times over the last four weeks with most members in attendance at all meetings.

Members present: Shishir Shah, Jose Guillermo De Los Reyes, Willie Munson, Christine LeVeaux-Haley, Daniel Currie; Nina Tucci has been in contact with the committee and will be joining our regular meetings at the end of a special project in which she is enmeshed.

Curriculog Entity	CP #	CP Type	CP Description	Proposal Title	Status
EDUC: CUIN	1950	4b	Existing Degree Program Revision	2016-2017 - Curriculum and Instruction - Teaching and Learning BS EC-12 Special Ed	Approved
EDUC: CUIN	1951	4b	Existing Degree Program Revision	2016-2017 - Curriculum and Instruction - Teaching and Learning BS, 4-8 English Language Arts	Approved
EDUC: PHLS	1953	5	Policy (New/Revise Existing/Remove)	2016-2017 - Psychological, Health, and Learning Sciences - Readmission to majors in Psychological, Health, and Learning Sciences	Approved
EDUC: CUIN	1959	5	Policy (New/Revise Existing/Remove)	2016-2017 - Curriculum and Instruction - Readmission to Teaching and Learning Major	Approved
NSM: CHEM	2312	4b	Existing Degree Program Revision	2016-2017 - Chemistry - Honors Biomedical Science	Approved
BUS	2356	5	Policy (New/Revise Existing/Remove)	2016-2017 - Business - College_Review_International_Applicants	Approved
BUS	2366	5	Policy (New/Revise Existing/Remove)	2016-2017 - Business - Delete_UBP_Permission_to_Drop_Course	Approved
BUS: FINA	2376	4d	Certificate Program Creation and Changes	2016-2017 - Business - GEM-PP_Certificate (Submitted under Entity: "Business")	Approved
BUS: FINA	2379	4d	Certificate Program Creation and Changes	2016-2017 - Business - PFP_Certificate (Submitted under Entity: "Business")	Approved