1. Approval of the minutes of September 4, 2015.

2. New Courses

A48 AFST 398 – cross-listed with FILM 398
A49 ANSC 215
A50 BAEN 431 – cross-listed with CHEN 431
A51 BIOL 462 – cross-listed with WFSC 462
A52 CHEN 431 – cross-listed with BAEN 431
A53 FILM 349
A54 FILM 398 – cross-listed with AFST 398
A55 HORT 416
A56 PHLT 432
A57 PHLT 433
A58 PHLT 434
A59 PHLT 484
A60 WFSC 462 – cross-listed with BIOL 462

Previously tabled
A28 AGEC 223 – missing make up policy; grading policy does not show how extra work by Honors students fits in grade percentages
A30 AGEC 423 – missing make up policy; grading policy does not show how extra work by Honors students fits in grade percentages; grading should be more rigorous than lower level course

3. Change in Courses

C63 AGSC 425 – prerequisites
C64 AGSC 436 – prerequisites
C65 AGSC 481 – prerequisites
C66 AGSC 484 – prerequisites
C67 HORT 306 – course title, prerequisites
C68 HORT 308 – course title, prerequisites
C69 OCNG 252 – course description
C70 PHLT 302 – prerequisites
C71 PHLT 303 – prerequisites
C72 PHLT 305 – prerequisites
C73 PHLT 330 - prerequisites
C74 PHLT 445 – course title, prerequisites
C75 NRSC 311 – course title
C76 PSYC 311 – course title

4. Change in Curricula

**College of Agriculture and Life Sciences**
Department of Agricultural Leadership, Education and Communication
D23 BS in Agricultural Sciences - Teaching Option

D24 **Mays Business School**
BBA in Accounting
BBA in Finance
BBA in Management
BBA in Management Information Systems
BBA Marketing
BBA in Supply Chain Management
BBA in Business Honors
BS in University Studies Degrees

**College of Geosciences**
Department of Oceanography
D25 BS in Environmental Geosciences and MS in Oceanography – 3+2
Department of Geology and Geophysics

D26 BA in Geology and MS in Oceanography – 3+2
D27 BS in Geology and MS in Oceanography – 3+2
D28 BS in Meteorology and MS in Oceanography – 3+2

College of Liberal Arts

Department of International Studies

D29 BA in International Studies
   International Communication & Media Track

D30 BA in International Studies
   Environmental Studies Track

D31 BA in International Studies
   International Geographic Information System Track

D32 Minor in Arabic Studies

5. Special Consideration

Previously tabled

College of Agriculture and Life Sciences

Department of Agricultural Economics

H11 Minor in Agribusiness Entrepreneurship
   Request for a new minor

6. Other Business

   • Election of Chair and Vice Chair
The Undergraduate Curriculum Committee recommends approval of the following:

1. The minutes of the August 7, 2015 meeting.

2. New Courses

**AGEC 324. Agribusiness Entrepreneurship – Budgeting. (2-2). Credit 3.** Case study approach to demonstrate a process for evaluating the economic feasibility of a single-enterprise rural or metropolitan business venture; relevant production, marketing and financing costs, in combination with capital ownership and overhead costs; computer spreadsheets including attention to deterministic sensitivity analyses; computer capabilities are essential. Prerequisites: AGEC 105 or ECON 202; ACCT 209 or ACCT 210 or ACCT 229 or ACCT 230 or AGEC 330 or FINC 341 or FINC 409; junior or senior classification or approval of instructor.

**ANSC 211. Equine Industry and Career Preparation. (2-0). Credit 2.** Identify opportunities and skill sets required to pursue a career in the equine industry; development of resume, communication, professional etiquette and interview skills.

**ANTH 436. Ancient Egypt. (3-0). Credit 3.** Archaeology and history of ancient Egypt from earliest times to the end of the New Kingdom period. Prerequisite: Junior or senior classification or approval of instructor. Cross-listed with RELS 436.

**ENTO 321. Beekeeping. (0-3). Credit 1.** Basic knowledge and techniques used in apiculture; tools and knowledge needed to keep bees responsibly and productively. Prerequisites: ENTO 320 or concurrent enrollment, junior or senior classification or approval of instructor.

**ESSM 324. Forest Measurements. (0-4). Credit 2.** Measures and measurement of the dimensions and attributes of forested areas including the diameters, heights, volume and biomass of trees within a well-defined area; tools used for forest measurement; the conduct of forest inventories; summary measures and reports of inventory results; remote sensing and related technologies that assist forest measurements. Prerequisites: ESSM 313 and ESSM 319 or concurrent enrollment; junior or senior classification.

**FILM 445. Rhetoric of Television and Film. (3-0). Credit 3.** Critical analysis of television and film; close readings of such mediated texts; special attention to writing television and film criticism. Prerequisite: Junior or senior classification. Cross-listed with COMM 435.
**MEEN 439. Solar Energy Engineering. (3-0). Credit 3.** Solar energy; solar angles and radiation; solar thermal systems; solar water heating and space heating; concentrated solar power; energy storage; solar photovoltaics; solar cell manufacturing; other solar energy technologies. Prerequisite: MEEN 315.

**MEEN 469. Alternative Energy Conversion. (3-0). Credit 3.** Design and analysis of alternative energy conversion processes and systems that are based on converting energy directly (e.g., fuel cells, photovoltaics), utilizing non-combustible heat sources (e.g., geothermal, ocean gradients, solar and nuclear fission and fusion) and obtaining energy from the environment (e.g., wind, hydroelectric, ocean tides and waves). Prerequisite: MEEN 315.

**PETE 337. Junior Student Paper Contest. No Credit.** Presentation of a technical proposal on a subject related to petroleum technology judged by petroleum professionals at the junior level departmental student paper contest. Must be taken on a satisfactory/unsatisfactory basis. Prerequisite: PETE 335.

**PETE 437. Senior Student Paper Contest. No credit.** Presentation of a technical petroleum engineering topic judged by petroleum professionals at the senior level departmental student paper contest. Must be taken on a satisfactory/unsatisfactory basis. Prerequisite: PETE 337; Corequisite: PETE 435.

**RELS 436. Ancient Egypt. (3-0). Credit 3.** Archaeology and history of ancient Egypt from earliest times to the end of the New Kingdom period. Prerequisite: Junior or senior classification or approval of instructor. Cross-listed with ANTH 436.

3. Withdrawal of Courses

   **ESSM 460. Spatial Data Acquisition with Field Methods.**

4. Change in Courses

   **COMM 435. Rhetoric of Television and Film.**

   Prerequisites
   
   From: None.
   To: Junior or senior classification.

   Cross-listing
   
   From: None.
   To: FILM 445.

   **ENTO 291. Research.**

   Variable credit hours
   
   From: Credit 1 to 4.
   To: Credit 0 to 4.

   **ENTO 484. Professional Internship.**

   Variable credit hours
   
   From: Credit 1 to 4.
   To: Credit 0 to 4.
**ENTO 491. Research.**

Variable credit hours  
From: Credit 1 to 4.  
To: Credit 0 to 4.

**ESSM 415. Range Analysis and Management Planning.**

Prerequisites  
From: ESSM 314, junior or senior classification or approval of instructor.  
To: AGEC 105 or ECON 202, ESSM 314, ESSM 317; junior or senior classification or approval of instructor.

**ESSM 430. Advanced Restoration Ecology.**

Prerequisites  
From: RENR 205 and ESSM 320 or ESSM 420; junior or senior classification.  
To: RENR 205, ESSM 320, ESSM 420; junior or senior classification.

**ESSM 459. Spatial Databases and Programming.**

Course title  
From: Spatial Databases and Programming.  
To: Programming for Spatial Data Applications.

Course description and prerequisites  
From: Computational tools for creating new data, sharing, integrating that data with other databases; conducting analyses and interpretation of information ranging from spreadsheets to advanced scientific workflow processing systems; tools to create higher quality, more useful data. Prerequisite: Junior or senior classification or approval of instructor.  
To: Programming for spatial data applications in general and for natural resources application in particular; basic programming concepts and constructs for the creation and manipulation of spatial data; automating of processes; programming behind spreadsheet and GIS applications. Prerequisites: ESSM 351 or equivalent, junior or senior classification or approval of instructor.

**ESSM 464. Spatial Project Management.**

Prerequisites  
From: A minimum of two GIS and/or remote sensing courses at 300 or 400-level, junior or senior classification or approval of instructor.  
To: ESSM 351 and ESSM 444, junior or senior classification or approval of instructor.

**FIVS 291. Research.**

Variable credit hours  
From: Credit 1 to 4.  
To: Credit 0 to 4.
FIVS 484. Professional Internship.

Variable credit hours
   From: Credit 1 to 4.
   To:    Credit 0 to 4.

FIVS 491. Research.

Variable credit hours
   From: Credit 1 to 4.
   To:    Credit 0 to 4.

NUTR 430. Community Nutrition.

Prerequisites
   From: NUTR 203.
   To:    NUTR 203; NUTR 301; junior or senior classification.

OCNG 410. Introduction to Physical Oceanography.

Course title
   From: Introduction to Physical Oceanography.
   To:    Physical Oceanography.

Prerequisites
   From: MATH 308; junior or senior classification.
   To:    MATH 152; junior or senior classification.

OCNG 420. Introduction to Biological Oceanography.

Course title
   From: Introduction to Biological Oceanography.
   To:    Biological Oceanography.

OCNG 430. Introduction to Geological Oceanography.

Course title
   From: Introduction to Geological Oceanography.
   To:    Geological Oceanography.

OCNG 440. Introduction to Chemical Oceanography.

Course title
   From: Introduction to Chemical Oceanography.
   To:    Chemical Oceanography.
PSYC 485. Directed Studies

Course description and prerequisites
From: Directed readings or research problems in selected areas designed to supplement existing course offerings. Individual report required. Prerequisites: 12 hours of psychology including completion of PSYC 204; GPR of 2.5 or better in all psychology courses; approval of instructor; major in psychology.
To: Directed readings or research problems in selected areas designed to supplement existing course offerings. May be repeated for credit. Prerequisite: Approval of instructor.

PSYC 491. Research.

Course description and prerequisites
From: Research conducted under the supervision of a chosen faculty member in the department of psychology; involves discussion and weekly presentation of student research projects. May be repeated for credit. Prerequisites: PSYC 484 or PSYC 485; junior or senior classification.
To: Research conducted under the supervision of a chosen faculty member in the department of psychology; involves discussion and presentation of student research projects. May be repeated for credit. Prerequisites: PSYC 484 or PSYC 485; approval of instructor.

RENR 410. Ecosystem Management.

Prerequisites
From: Senior classification or approval of instructor.
To: RENR 205, senior classification or approval of instructor.

5. Change in Curriculum

College of Agriculture and Life Sciences
Department of Ecosystem Science and Management
BS in Forestry

Minor in Forestry

Department of Entomology
Minor in Entomology

6. Texas A&M University at Galveston

New Course

MARS 408. Estuarine and Coastal Hydrodynamics. (3-0). Credit 3. Physical processes in estuarine and coastal environments in various time scales: turbulent, tidal and residual (subtidal); study of salts, suspended solids, nutrients and heat affected by water movement; physical, biogeochemical processes and mass transport. Prerequisites: MATH 251, PHYS 218, junior or senior classification or approval of instructor.
Change in Curricula

**Texas A&M University at Galveston**
Department of Marine Biology
BS in Marine Biology

Department of Maritime Biology
BS in Marine Fisheries

Special Consideration

**Texas A&M University at Galveston**
Department of Liberal Studies
Minor in Maritime Studies
Request for a new minor

7. Special Consideration

**College of Liberal Arts**
Department of Performance Studies
Minor in Performance Studies
Request for a new minor

Minor in Music
Minor in Theater Arts
Request to discontinue minors

8. Change in Curriculum – *from August 2015 UCC Meeting*

**Dwight Look College of Engineering**
Department of Petroleum Engineering
BS in Petroleum Engineering

9. Tabled Items

**New Courses**

**AGEC 223** - A) missing make up policy; B) grading policy does not show how extra work by Honors students fits in grade percentages *(Jasperson)*

**AGEC 423** - A) missing make up policy; B) grading policy does not show how extra work by Honors students fits in grade percentages *(Jasperson)*; grading should be more rigorous than lower level course *(Jones)*

**IDIS 450** - does neo email still exist? *(Bergeron)*; due to overlapping domain content should have a letter of support from Department of Information and Operations Management and from Department of Statistics *(Jasperson)*; There is an error for the grade of F in the Grading Structure *(Kracht)*
Special Consideration

College of Agriculture and Life Sciences
Department of Agricultural Economics
Minor in Agribusiness Entrepreneurship
Request for a new minor

10. Other Business

T.Scott gave overview of the CourseLeaf CIM meeting he attended.

N.Piwonka gave a brief overview of the process for shortened courses and to his knowledge, there is no approval required as indicated in the policy.
NEW COURSES
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions
1. Course request type: 
   - □ Undergraduate
   - □ Graduate
   - □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): 
   Africana Studies Program

3. Course prefix, number and complete title of course: 
   AFST 398 Africana Cinema

4. Catalog course description (not to exceed 50 words): 
   Overview of African cinema; historical survey of cinema from Africa and the African Diaspora; introducing films produced in several geographical regions and reflecting different filmmaking traditions.

5. Prerequisite(s): 
   - □ FILM 398
   - □ Approval of instructor

   Cross-listed with: FILM 398
   Stacked with: n/a

6. Is this a variable credit course? 
   - □ Yes
   - □ No
   If yes, from ________ to ________

7. Is this a repeatable course? 
   - □ Yes
   - □ No
   If yes, this course may be taken __________ times.

   Will this course be repeated within the same semester? 
   - □ Yes
   - □ No

8. Will this course be submitted to the Core Curriculum Council? 
   - □ Yes
   - □ No
   ICD: Yes

9. How will this course be graded? 
   - □ Grade
   - □ S/U
   - □ P/F (GLMD)

10. This course will be: 
   - a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   - b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   Minor in Africana Studies, Minor in Film Studies

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education/).

13. Prefix | Course # | Title (excluding punctuation)
   --- | --- | ---
   AFST | 398 | Africana Film

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code | Level
   --- | --- | --- | --- | --- | --- | --- | --- | ---
   3.00 | 0.00 | 0.00 | 3.00 | 5006010003 | 1735 | 16 | - 17 | 0 0 3 3 3 2

   Approval recommended by:
   - Violet Johnson
   - Juan Alonzo

   Department Head or Program Chair (Type Name & Sign) Date

   Chair of College Review Committee
   Date

   Deans of College
   Date

   Submitted to Coordinating Board by:
   - Chair, GC or UCC
   Date

   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
AFST 398/FILM 398: Africana Cinema Fall 2016

MWF 11:30-12:20
Harrington Education Center 503

Carmela Garritano, Associate Professor
Office hours 9am-11am and by appointment
Office location 305A Bolton
Office phone 979.458.2732
Email cgarritano@tamu.edu

Prerequisites: U3 or U4 or approval of instructor.

Description and Policy Statement
Catalogue Description:
Overview of African cinema. (3-0). Credit 3. A historical survey of cinema from Africa and the African diaspora, introducing students to films produced in several geographical regions and reflecting different filmmaking traditions.

Course Description:
This course will present a historical overview of Africana cinemas. Beginning with the social realist films of Sembene Ousmane and the modernist cinema of Djibril Diop Mambety and concluding with Nollywood, the transnational, commercial media industry in Nigeria and Ghana, the course surveys a range of films from Africa and the African diaspora to emphasize the diversity of films and filmmaking practices that make up this artistic field. We’ll study the art cinema of auteurs such as John Akomfrah, Mahamat-Saleh Haroun, Fanta Régina Nacro, and Abderrahmane Sissako as well as films by a group of emergent filmmakers concerned with contemporary political issues, such as environmental sustainability, globalization, and gender and sexuality. We will discuss modes of production and distribution and investigate the changing structural, technological, and material conditions that have sustained and contained African film and media. An engaging and interdisciplinary list of readings, drawn from film criticism, media studies, anthropology, and history will facilitate our study.

Learning Outcomes:
After completing this course, students will be able to

- Discuss a major, global filmmaking tradition that operates outside of Hollywood;
- Analyze important African and African diaspora films and the ideas and themes they explore;
- Apply concepts and terms appropriate to the analysis of film texts;

Required Texts (including ISBN numbers)
- *Africa Shoots Back: Alternative Perspectives in Sub-Saharan Francophone African Film*
  (Indiana UP, 2003), by Melissa Thackway
  ISBN 0253216427

Many printouts of additional readings: Most of our course readings will be made available electronically on e-Campus. You are expected to print the readings and bring the handouts with you to class on the days we are discussing them. This is REQUIRED. Printing the handouts should be understood as equal to purchasing a third book for the course and is not optional. Failure to bring handouts to class will result in me asking you to leave class to go print the materials.

Watching assigned films: (class screenings, Media Matrix, and Media Reserves) You are required to attend the weekly film screenings, for which you enrolled when you registered for the course. Those screenings are considered part of your coursework. To facilitate your papers and other coursework on the films, the films will be available for personal streaming on Media Matrix. Find them at mediamatrix.tamu.edu. DVD copies also have been placed on course reserve, at Media and Reserves (4th floor, Library Annex), in case you need to see them because of an excused absence or wish to review the film.

Course Work:

eCampus discussion board (20%)

Ten post-screening comments and/or questions

After ten of our film screenings -- and before the class meetings immediately following those screenings -- you are required to post a thoughtful comment or a detailed and engaging discussion question. I do not want an evaluative statement: “I liked this film.” Or “This film was boring.” Nor do I want you to ask a question about what you didn’t understand. Instead, make a comment that shows me what you noticed and what you are thinking about. Take the time to compose an analytical comment or question that demonstrates that you watched the film attentively, did the course readings carefully, and are in the process of analyzing -- or making meaning from -- the film. Here are a few possibilities:

➢ Discuss what you noticed. What motifs, parallels, or other repetitions did you notice?
➢ How does the film speak to the other films we have studied? Does it engage similar themes, issues?
➢ Describe distinctive features of the cinematography.
➢ Discuss the mise en scène. How has it been created? What meanings does it suggest?
➢ How is the plot structured?
➢ Comment on a crucial scene.
➢ Is music, or sound, important? How?

At least five posts must be completed before midterm.

To earn credit, the comment must be posted before the class meeting that immediately follows the screening. No exceptions. Write and upload your comment early enough to avoid computer glitches or crashes. The posts will be evaluated at mid-term and at the end of the semester. Sample comments/questions and a grading rubric will be distributed separately.

Quizzes (20%)
You will take fifteen quizzes at ten points each on course readings and films. The quizzes are unannounced, short, and intended to test that you did the assigned work, understood what you read or watched, and have retained important information and ideas. **Quizzes can be made-up if your absence is excused.** Please review the university policy for what constitutes an excused absence: http://student-rules.tamu.edu/rule07.

**Essays (one at 10% and the second at 20%) 30%**
You will be required to write two essays on the films screened for this class. Essay #1 will be due around mid-term and Essay #2 will be due near the end of the semester. A detailed assignment sheet and a sample grading rubric for each essay will be provided later in the semester.

**Final exam (30%)**
At the time allotted to this class for the final exam, students will take a cumulative final. The exam will include short answer, multiple choice, and essay questions on the films, readings, and class discussions.

**Grade scale**

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-90%</td>
<td>A</td>
</tr>
<tr>
<td>89-80%</td>
<td>B</td>
</tr>
<tr>
<td>79-70%</td>
<td>C</td>
</tr>
<tr>
<td>69-60%</td>
<td>D</td>
</tr>
<tr>
<td>59-0%</td>
<td>F</td>
</tr>
</tbody>
</table>

**Class Policies**

**Attendance and Participation:** Students are expected to attend every class and to arrive promptly. This is a discussion-based course and your understanding of course material depends on diligent participation and group collaboration, and so your attendance will help you to be successful in this course.

Refer to http://student-rules.tamu.edu/rule07 for regulations on excused/unexcused absences due to illness, observation of religious holidays, and for the list of university-authorized activities.

**eCampus:** eCampus is an online environment that will extend your learning outside the classroom. I will use eCampus to distribute announcements and to post readings and other assignments as I see necessary. You are required to use eCampus. **All documents downloaded from eCampus should be printed and brought to class when the reading is due.**

**Laptops and cell Phones** and other electronic devices: Please keep your laptops and cell phones closed, silent, and put away.

**E-Mail Communication:** Check your mail every day for announcements, assignments, and other updates to the class syllabus. Maintaining informed and in communication via e-mail is a university requirement, per Rule 61, which "establishes e-mail as an official means of communication (equivalent to the U.S. Postal Service) at Texas A&M University. It also establishes student responsibilities for use of official TAMU e-mail accounts and official e-mail correspondence.” Please refer to http://student-
rules.tamu.edu/rule61, particularly sections 61.2.3 and 61.2.4.

Scholastic Honesty: “An Aggie does not lie, cheat or steal, or tolerate those who do.” Turning in work that is not your own or any other form of scholastic dishonesty will result in a major course penalty, including failure. Visit http://aggiehonor.tamu.edu/ for a full discussion of scholastic dishonesty, as well as student rights and responsibilities, procedures, and disciplinary consequences.

Students with Disabilities: The Americans with Disabilities Act (ADA) provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, Cain Hall, rm. B118, phone number 845-1637. For additional information visit http://disability.tamu.edu.

Grading Scale/Rubric for the Essays

- **A** This essay contains few, if any, errors in sentence structure and coherence; it develops an interesting, insightful, tightly focused argument. The argument is complex and fully developed, and the essay provides the reader with clear, well-researched support; argumentation fully justifies the author’s conclusions. The style of the paper is eloquent and sophisticated.

- **B** This essay contains few errors in sentence structure, and develops a clear, coherent argument. Support and explanation of that argument, however, are either insufficient to convince the reader completely or do not make clear how the author reaches his or her conclusions.

- **C** This essay is fundamentally sound at the level of sentence structure and diction, but its arguments rely too heavily on assertion, not research. Specific support is either unclear or missing, and the focus of the essay may stray from its stated argument to make a more general or unrelated point. There may also be problems of coherence, complexity, or in the overall development of the argument.

- **D** This essay contains serious problems at the level of sentence structure and diction. It is marred by repeated mechanical errors and/or awkward constructions that obscure meaning. The argument relies almost completely on assertion, with no clear support, development, or analysis.

- **F** This essay does not meet the minimum standards for academic writing as described in the assignment sheet and grading rubric and/or it did not follow assignment guidelines.
Schedule

Week 1: Introductions
Screening: Sanders of the River

Readings:
- Thackway, “Introduction”

On eCampus:
- From Teaching African Cinema, “Historical Background”
- From Granta: “How to Write about Africa,” by Binyavanga Wainaina

Week 2: The Distribution of African Films
Screening: Sacred Places

Reading:
On eCampus:
- From Roman Labato’s Shadow Economies of Cinema, “Introduction” and “Chapter Four: Nollywood at Large”
- From African Experiences of Cinema, “African Films are Foreigners in their Own Countries,” By Emmanuel Sama

Week 3: The beginnings: African cinema, Anti-colonialism, and Cultural Nationalism
Screening: Black Girl/Borom Sarret/Camp de Thiaraye

Reading:
- Thackway, “Chapter Two: Cultural Identity, Representation and Voice”
- Prabhu, “Africa Watch: Parameters and Contexts”

Week 4: Return to the source
Screening: Wend Kuuni

Reading:
On eCampus:
- “Oral Literature and African Film: Narratology in Wend Kuuni,” by Manthia Diawara
- “The missing narrative in Wend Kuuni (time and space), by Marie – Magdeleine Chirol
Week 5: The Worldliness of Djibril Diop Mambety
First Essay due
Screening: Hyènes

Reading:
  - Frank Ukadike’s conversation with Djibril Diop Mambety, with pictures!
  - On eCampus: “The Politics of Reading the “Postnational”: Hybridity and Neocolonial Critique in Djibril Diop Mambety’s Hyènes”

Week 6: First Films by African Women
Screening: Femmes aux Yeux Ouverts and These Hands

Reading:
  - Trackway, “Chapter Six: African Women and Film”

On eCampus
  - “Western Feminism and African Feminist Filmmaking,” by Kenneth Harrow

Week 7: Documentary
Screening: Lumumba: Death of a Prophet and Sometimes in April

Reading:
  - Prabhu “Chapter Eight: African Narration”
  - On e-Campus: “What Types of Documentary Are There?,” by Bill Nichols
  - “Critical Dialogues: Transcultural Modernities and Modes of Narrating Africa in Documentary Films”

Week 8: Representing the African Diaspora
Screening: Afrique Sur Seine and Clando

Reading:
Thackway, “Chapter Five: Filming the Immigrant Experience”

Week 9: Sexuality in Recent African Cinema
Watch: Karmen Gei

Read:
  - On eCampus: Anjali Prabhu’s chapter on Karmen Gei
  - “Variant Sexualities and African Modernity in Joseph Gaye Ramaka’s Karmen Gei,” by Babacar M’Baye
- “Homosexuality is not Un-Africa” Interview with Wanuri Kahiu

**Week 10: African Cinema or World Cinema?**
Screening: GrisGris
- On eCampus: Thackway, “Exile and the ‘Burden of Representation’”
- Diawara “The New African Cinema Wave”

**Week 11: Nollywood and the Emergence of Video Film**
Screening: Living in Bondage
Read on eCampus:
- “Nnebue: The Anatomy of Power,” by Jon Haynes
- “‘Praise the Lord’: Popular Cinema and the Pentecostal Style,” by Birgit Meyer

**Week 12: New Nollywood**
Screening: Phone Swap
- Read on eCampus: “New Nollywood: Kunle Afolayan,” by Jon Haynes
- “Evolving Nollywood Templates for Minor Transnational Film,” by Moradewun Adejumobi

**Week 13: The Nollywood Diaspora**
Screening: Ije
- Read on eCampus: “From Nollywood to Nollyworld,” by Alessandro Jedlowski
- “The Nollywood Diaspora,” by Jon Haynes

**Week 14: Genre and African film: Sci-Fi and African Action**
Screening: Pumzi and Riva Viva!
**Second essay presentations and feedback**
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Department of Animal Science

3. Course prefix, number and complete title of course: ANSC 215 Introduction to Livestock Evaluation

4. Catalog course description (not to exceed 50 words):
Live market animal appraisal in relation to carcass and composition; criteria for selection of breeding livestock; and techniques for preparation and delivery of oral reason.

5. Prerequisite(s):
Cross-listed with: Stacked with:

Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  ☑ No  If yes, from _______ to _______

7. Is this a repeatable course?  ☑ No  If yes, this course may be taken _______ times.

Will this course be repeated within the same semester?  ☑ No

8. Will this course be submitted to the Core Curriculum Council?  ☑ No

9. How will this course be graded:  ☑ Grade  ☐ S/U  ☐ P/F (CLAMD)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

Animal Science undergraduate students

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
    ANSC  215  Intro to Livestock Eval

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code
   1.00  3.00  2.00  0110010005  0270  16  -  17  0  0  3  6  3  2

   Approval recommended by:
   H. Russell Cross  8-27-15
   Department Head or Program Chair (Type Name & Sign)  Date

   Robert Knight  8-27-15
   Chair, College Review Committee  Date

   Mark Hussey  8-27-15
   Dean of College  Date

   Department Head or Program Chair (Type Name & Sign)  Date
   (if cross-listed course)

   Submitted to Coordinating Board by:
   Chair, GC or UCC  Date

   Associate Director, Curricular Services  Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 07/14
LEARNING OUTCOMES AND ATTENDANCE POLICY

Learning Outcomes: To introduce basic livestock evaluation skills and enhance the student’s ability to master selection criteria for both market and breeding animals. Evaluation of market steers, lambs, hogs, and goats will emphasize the relationships of live animal appraisal with carcass quality and composition. Students will also receive instruction concerning criteria for selection of livestock that will be productive in a breeding environment. In addition to acquiring general knowledge of each livestock species, students will be introduced to techniques for preparation and delivery of oral reasons in defense of their placings. This will include proper note-taking skills with collection of their thoughts on paper, and will enhance public speaking skills that will assist them to excel not only in competitive livestock judging, but more importantly in their chosen profession. This class will be a pre-requisite for current sophomores at Texas A&M who wish to enroll in ANSC 315 the following fall semester and compete on the livestock judging team.

Course Location: The class will meet at various locations including Kleberg 127 (KLCT), Pearce Pavilion (PRPV), ASTREC Beef and Sheep Centers and Freeman Arena (EQCT). Note that the sites are tentative locations and could change based on livestock availability. Changes will be noted during preceding class meeting. If questions arise, contact 845-7616 for location.

Textbook: Introduction to Livestock Evaluation Manual by Franke; Purchased during the first week of class.

Attendance: You are expected to attend class because a majority of your grade will be based on the daily grades associated with livestock evaluations, class placings and written/oral reasons. Please see www.student-rules.tamu.edu for more information on attendance policy.

Extra Credit: Extra credit will be given to students who assist with the spring 4-H and FFA contests. Up to two points added to the student’s final grade for participation in the youth contests.

Americans with Disabilities Act (ADA) Policy Statement: The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu.

“Aggies do not lie, cheat or steal, nor do they tolerate those who do.”

ANIMAL SCIENCE 289 GRADING POLICY

<table>
<thead>
<tr>
<th>Daily Class Grades</th>
<th>60%</th>
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<tbody>
<tr>
<td>Average of Exams 1 and 2</td>
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<tr>
<td>FINAL GRADE</td>
<td>100%</td>
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<table>
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<tr>
<th>Grading Scale</th>
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<tbody>
<tr>
<td>90-99</td>
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<td>80-89.9</td>
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<td>70-79.9</td>
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<tr>
<td>60-69.9</td>
<td>D</td>
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<tr>
<td>≤ 59.9</td>
<td>F</td>
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</table>
ANSC 215 CLASS SCHEDULE
Spring 20XX

Week 1  Introduction to Livestock Evaluation (KLCT 127)
        Proper Scoring and Note-taking (KLCT 127)
Week 2  Introduction to Oral Reasons (KLCT 127)
Week 3  Continuation of Oral Reasons Presentation (KLCT 127)
        Reading Structure in Livestock (KLCT 127)
Week 4  Breeding Cattle Evaluation and Practice Classes (TAMU Beef Unit)
        Practice Classes/Reasons on Breeding Cattle Classes (Pearce Pavilion)
Week 5  Breeding Sheep Evaluation and Practice Classes (TAMU Sheep Unit)
        Reasons on Breeding Sheep Classes (Pearce Pavilion)
Week 6  Breeding Swine Evaluation and Practice Classes (Pearce Pavilion)
        Reasons on Breeding Swine Classes (Pearce Pavilion)
Week 7  Exam 1
        Review Exam 1 Results/Introduction to Market Animal Evaluation (KLCT 127)
Week 8  Market Lamb Evaluation and Practice Classes (TAMU Sheep Unit)
        Market Steer Evaluation and Practice Classes (TAMU Beef Unit)
Spring Break
Week 9  Market Hog Evaluation and Practice Classes (Pearce Pavilion)
        Reasons on Market Hog Classes (Pearce Pavilion)
Week 10 Market Goat Evaluation and Practice Classes
       Set-up for Livestock Judging Clinic/Practice Classes (Pearce Pavilion)
Week 11 Practice Classes and Reasons (Pearce Pavilion)
        Carcass Evaluation (KLCT 127)
Week 12 Carcass Evaluation (KLCT 127)
        Practice Classes (Pearce Pavilion)
Week 13 Practice Classes and Reasons (Pearce Pavilion)
        Horse Evaluation (Freeman)
Week 14 Exam 2
        Hand back and Review Exam 2 Results
Week 15 Reasons on Market Steer/Lamb Classes (Pearce Pavilion)
        Review for Final Exam
Make-Up Policy

If an absence is excused, the instructor will either provide the student an opportunity to make up any quiz, exam or other work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor. If the instructor has a regularly scheduled make up exam, students are expected to attend unless they have a university approved excuse. The make-up work must be completed in a timeframe not to exceed 30 calendar days from the last day of the initial absence. The reasons absences are considered excused by the university are listed below. See Student Rule 7 for details (http://studentrules.tamu.edu/rule07). The fact that these are university-excused absences does not relieve the student of responsibility for prior notification and documentation. Failure to notify and/or document properly may result in an unexcused absence. Falsification of documentation is a violation of the Honor Code.

1) Participation in an activity that is required for a class and appears on the university authorized activity list at https://studentactivities.tamu.edu/app/sponsauth/index

2) Death or major illness in a student's immediate family.

3) Illness of a dependent family member.

4) Participation in legal proceedings or administrative procedures that require a student's presence.

5) Religious holy day. NOTE: Prior notification is NOT required.

6) Injury or illness that is too severe or contagious for the student to attend class.

   a) Injury or illness of three or more class days:

      Student will provide a medical confirmation note from his or her medical provider within one week of the last date of the absence (see Student Rules 7.1.6.1)

   b) Injury or illness of less than three class days:

      Student will provide one or both of these (at instructor's discretion), within one week of the last date of the absence:

      (i.) Texas A&M University Explanatory Statement for Absence from Class form available at http://attendance.tamu.edu or (ii.) Confirmation of visit to a health care professional affirming date and time of visit.

7) Required participation in military duties.

8) Mandatory admission interviews for professional or graduate school that cannot be rescheduled. Other absences may be excused at the discretion of the instructor with prior notification and proper documentation. In cases where prior notification is not feasible (e.g., accident or emergency) the student must provide notification by the end of the second working day after the absence, including an explanation of why notice could not be sent prior to the class.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

1. Course request type: 
   ☑ Undergraduate  ☐ Graduate  ☐ First Professional (D.O., M.D., J.D., Pharm.D., D.V.M.)

2. Request submitted by (Department or Program Name):
   Department of Biological and Agricultural Engineering

3. Course prefix, number and complete title of course:
   BAEN 431: Fundamentals in Bioseparations

4. Catalog course description (not to exceed 50 words):
   Design principles and application of chemical engineering unit operations to the production of therapeutic and bioactive molecules.

5. Prerequisite(s):
   CHEN 282 or CHEN 382 or BAEN 302 or BMEN282

   Cross-listed with: CHEN 431

   Cross-listed courses require the signature of both department heads.

   Stacked with: BAEN 631

6. Is this a variable credit course? ☑ No
   If yes, from ______ to ______

7. Is this a repeatable course? ☑ No
   If yes, this course may be taken ______ times.
   Will this course be repeated within the same semester? ☑ No

8. Will this course be submitted to the Core Curriculum Council?
   ☑ No

9. How will this course be graded:
   ☑ Grade
   ☐ S/U
   ☐ P/F (C/LMD)

10. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

    BS BAEN, BS CHEN

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix | Course # | Title (excluding punctuation)
        | BAEN | 431 | Fundamentals in Bioseparations

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
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<td>0433</td>
<td>16 - 17</td>
<td>0 0 3 6 3 2</td>
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</tbody>
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Approval recommended by:

Stephen W. Searcy
Department Head or Program Chair (Type Name & Sign) Date 7/13/15

Department Head or Program Chair (Type Name & Sign) Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8213 or sandra.williams@tamu.edu
Curricular Services – 07/14
BAEN/CHEN 431: Fundamentals in Bioseparations
Spring 2017
TR 3:55 – 5:10; 215 Scoates Hall

Course instructor:
Dr. Zivko Nikolov
303G Scoates
znikolov@tamu.edu

Course (catalog) description:
Design principles and application of chemical engineering unit operations to the production of therapeutic and bioactive molecules.

Course Prerequisites:  CHEN 282 or CHEN 382 or BAEN 302 or BMEN282, U3 or U4 classification

Skill Prerequisites:
Knowledge of fundamental concepts of biotechnology.
- Familiarity with basic concepts in biotechnology. You are expected to have a basic understanding of how cells function and how they can be manipulated.

Knowledge of fundamental concepts of chemical engineering.
- Have basic skills in algebra, differential calculus, integral calculus, and differential equations. Be able to balance chemical reactions. You are expected to have a basic understanding of transport phenomena (fluids, heat, and mass transfer).

Textbook:

Course Learning Outcomes:
By the end of the course, students should be able to do the following things:

1. Identify design parameters important in production of bioactive molecules. Define different biological production systems (cells) and methodologies for producing therapeutic molecules. Apply mass and energy balance principles to analyze efficiency of biomass and product formation.
2. Apply engineering principles to unit operations in biotechnology. Describe design principles underlying unit operations in bioseparations. Design equipment utilized in bioprocess applications.
4. Work effectively in teams. Recognize the skills needed to function in a modern engineering environment. Develop and refine written and oral communication skills.

Class schedule: 2 lectures per week, 75 min each

Tentative Course Outline
<table>
<thead>
<tr>
<th>Week #</th>
<th>Date</th>
<th>Topic</th>
<th>Reading</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td>Introduction to Bioseparations and Bioproducts</td>
<td>Ch. 1</td>
<td>ZN</td>
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<td></td>
<td>Introduction to Bioseparations and Bioproducts</td>
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<td>ZN</td>
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<tr>
<td>2</td>
<td></td>
<td>Biology Fundamentals</td>
<td>1, class notes</td>
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<td></td>
<td>Bioreactors Fundamentals</td>
<td>Class notes</td>
<td>ZN</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td>Analytical methods</td>
<td>2, class notes</td>
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<td></td>
<td></td>
<td>Cell Lysis</td>
<td>3</td>
<td>ZN</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Pretreatment methods - Flocculation</td>
<td>3</td>
<td>ZN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>S-L Separations - Filtration</td>
<td>4</td>
<td>ZN</td>
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<tr>
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<td>S-L Separations - Centrifugation</td>
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<td></td>
<td>Membrane filtration</td>
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<td>Precipitation</td>
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<td>AJ</td>
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<td></td>
<td>Liquid chromatography principles</td>
<td>7</td>
<td>ZN</td>
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<tr>
<td>9</td>
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<td>Column dynamics</td>
<td>7</td>
<td>ZN</td>
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<tr>
<td></td>
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<td>Purification scale-up</td>
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</tr>
<tr>
<td>10</td>
<td></td>
<td>Process Development &amp; Design</td>
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<td></td>
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<td>Intro to Super Pro Designer</td>
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</tr>
<tr>
<td>11</td>
<td></td>
<td>Project - process synthesis and design</td>
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<tr>
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<td>Project - process synthesis and design</td>
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<tr>
<td>12</td>
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<td>Project work - process economics</td>
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<td>Project work - process economics</td>
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<tr>
<td></td>
<td></td>
<td>Oral reports</td>
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<td>ZN</td>
</tr>
<tr>
<td>14</td>
<td></td>
<td>Oral reports</td>
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</tr>
<tr>
<td>15</td>
<td></td>
<td>Oral reports and course evaluation; (last day of class)</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Exam #2</td>
<td></td>
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</tr>
</tbody>
</table>

**TERM PROJECT:**

Term project will include application of **SuperPro Designer simulator** to selected bioprocesses.

- Undergraduate students enrolled in BAEN/CHEN 431 will be given a bioprocess case study and will be required to use SuperPro software for cost analysis.
- Graduate students enrolled in BAEN 631 will be responsible for learning how to use SuperPro Designer software, synthesize a selected bioprocess, evaluate process feasibility, and perform cost analysis.

Each student will prepare a written report of 8-10 pages (typed, double-spaced) of text in length on a bioprocess approved by the instructor. An oral presentation (20-25 min) to the class will be required and graded.
Course Grading:
Quizzes & HWs 20%
2 Exams 50%
Term Project 30%

Homework: Homework may be discussed with others but not copied. Group assignments will be submitted as a single assignment for each group. Late work will only be accepted if it adheres to the student rules regarding absences (see link below).
Exams: One week notice will be given for exams. The exams and term projects must be independent and original efforts. Make-up exams will be allowed only for university excused absences. The instructor must be notified prior to the exam, if possible, for absences other than emergency illness or injury.

http://student-rules.tamu.edu/rule07

Tentative grading scale

90 – 100: A
80 – 89: B
70 – 79: C
60 – 69: D
Below 60: F

<table>
<thead>
<tr>
<th>Course Outcomes</th>
<th>Program Objectives</th>
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<tbody>
<tr>
<td>Identify design parameters important in production of bioactive molecules</td>
<td>1,4</td>
</tr>
<tr>
<td>Apply engineering principles to unit operations in Biotechnology</td>
<td>1,2,5</td>
</tr>
<tr>
<td>Perform economic analysis of processes in Bioseparations</td>
<td>3,4,5</td>
</tr>
<tr>
<td>Work effectively in teams</td>
<td>5</td>
</tr>
</tbody>
</table>

Americans with Disabilities Act (ADA) Policy Statement
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information, visit http://disability.tamu.edu.

Academic Integrity Statement and Policy

"An Aggie does not lie, cheat or steal, or tolerate those who do."

http://aggiehonor.tamu.edu
Texas A&M University
Departmental Request for a New Course
Undergraduate ∙ Graduate ∙ Professional
Submit original form and attach a course syllabus.

Form Instructions:
1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (M.A., J.D., Ph.D., D.V.M.)
2. Request submitted by (Department or Program Name): Department of Biology
3. Course prefix, number and complete title of course: BIOL462 Amazon River Tropical Biology

Catalog course description (not to exceed 50 words):
History, ecology, evolutionary biology, geography and culture of the Amazon River and Rio Negro; exploration of the world's most bio-diverse river during a 10-day expedition from Manaus, Brazil; survey biota, record observations about the ecosystem, select research topics, development of presentations.

4. Prerequisites(s): BIOL107, 112, 113, 357 or RENR205; or approval of instructor

5. Crosso-listed with: WFSC462

6. Is this a variable credit course? ☐ Yes ☑ No If yes, from _________ to _________
7. Is this a repeatable course? ☐ Yes ☑ No If yes, this course may be taken _________ times.
8. Will this course be repeated within the same semester? ☑ Yes ☐ No
9. Will this course be submitted to the Core Curriculum Council? ☑ Yes ☐ No
10. How will this course be graded? ☑ Grade ☐ S/U ☐ PF (1.0, 1.5)

11. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)

12. b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
   BA BIOL, BS BIOL, BMCB, MBIO, ZOOL

13. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

14. ☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://lpsr.tamu.edu/resources/export- controls/export-control-basics-for-distance-education)

15. □ Prefix Course # Title (Excluding punctuations)

<table>
<thead>
<tr>
<th>BIOL</th>
<th>462</th>
<th>Amazon River Tropical Biology</th>
</tr>
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<tbody>
<tr>
<td>Lect</td>
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</tr>
</tbody>
</table>

Approval recommended by: Michael J. McRorie, Chair, Curriculum Committee Date: 6-19-15

Department Head or Program Chair (Type Name & Sign) Date: 6-18-15

Dean of College Date: 6-19-15

Submitted to Coordinating Board by: Chair, CC or UCC Date: 6-19-15

Associate Director, Curricular Services Date: 6-19-15

Questions regarding this form should be directed to Sonita Williams at 432-8201 or s.andrews@tamu.edu.
Curricular Services - 07/15

RECEIVED
By Curricular Services at 5:27 pm, Sep 22, 2015
Amazon River Tropical Biology  
BIOL 462/WFSC 462

SPRING 2016 SYLLABUS

Professors:  
Dr. Leslie Kelso Winemiller  
Senior Lecturer-Dept. of Biology  
e-mail: lesliew@mail.bio.tamu.edu  
979-862-7484  
320 Heldenfels  

Dr. Kirk Winemiller  
Professor-Dept. of Wildlife & Fisheries Sciences  
email: k-winemiller@tamu.edu  
979-862-4020  
1100 Heep

COURSE DESCRIPTION/SUMMARY: Amazon River Tropical Biology (BIOL 489/WFSC 489) is a one-semester study abroad course (3 credits) that focuses on the natural history, ecology, evolutionary biology, geography, and culture of the Amazon River and Rio Negro, a massive black-water tributary. Students will discover the attributes of the world's largest and most bio-diverse river basin during a 10-day expedition that embarks in early January from Manaus, Brazil. During this boat-based expedition, students will learn about tropical biology by surveying biota and recording observations about this unique ecosystem. Upon completion of the expedition, students will select research topics and develop presentations that will be reported to the class in weekly one-hour sessions during the spring semester.

PREREQUISITES: One introductory BIOL or WFSC course which may be selected from RENR 205, BIOL 107, BIOL 112, BIOL 113, BIOL 357, or equivalent course and approval of instructor.

LEARNING OUTCOMES:  
Upon successful completion of this course students should be able to:

1. Describe and discuss the geography, natural history, and culture of the Brazilian Amazon.  
2. Articulate a basic understanding of tropical biology gained from both individual and collective group participation in field experiences in diverse ecosystems in the central Amazon River.  
3. Identify unique aspects of Brazilian Amazon culture and language (Portuguese).  
4. Systematically observe, record, and analyze observations of flora, fauna, and geography.  
5. Identify local species with the assistance of field guides and texts.  
6. Develop and express ideas, thoughts, and reactions to observations through written journal entries.  
7. Demonstrate ability to measure environmental parameters using scientific data collection equipment.  
8. Effectively collaborate in groups to hypothesize, research, and interpret scientific principles.  
9. Independently research a topic in tropical biology, create a presentation, and effectively communicate the presentation to peers and evaluators.  
10. Critically analyze scientific research presentations through questioning and discussions.  
11. Interact professionally with peers, instructors, expedition staff, and the local population.
COURSE MATERIALS:

1. No textbook required for course.
2. Field journal or notebook (black marble cover with lined pages)
3. List of required items for field excursion will be provided prior to departure.

MAJOR TOPICS OF INSTRUCTION AND STUDENT RESEARCH:

Geography – patterns of geology, soils, water chemistry, vegetation, land use, etc. within the Guyana Shield region of the central Amazon
Patterns in plant diversity – growth forms, canopy/understory profile, etc. – in relation to habitat features (elevation/flooding, soils, water type)
Herbivory in relation to habitat – incidence of leaf damage, plant growth form/diversity
Fungal diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Insect diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Fish diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Reptile and amphibian diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Bird diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Mammal diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Cryptic – insects, fishes
Coevolution – insects and plants, hosts and parasites, predators and prey
Diurnal versus nocturnal diversity – mammals, reptiles, fishes
Biological conservation – human impacts, biological preserves, sustainable use of natural resources

ATTENDANCE AND PARTICIPATION POLICY: In addition to participation in the field expedition, regular attendance is expected at weekly class sessions during the semester.
The Biology and Wildlife & Fisheries Departments do not accept the TAMU Explanatory Statement of Absence Form as an adequate verification for an absence. Students who miss class and want to make up missed assignments must provide verification for the reason of absence (see Student Rules 7, http://student-rules.tamu.edu/). Prior notification of absence is expected whenever possible (Student Rule 7.3). For an absence due to illness or injury, each student must notify the instructor within two working days of the absence. Additionally, the student must provide, within one week, written and signed evidence of consultation with a medical professional confirming that the injury or illness was serious enough to justify the absence. Submitted evidence will be verified prior to approval of any makeup.

COURSE WEBSITES: Syllabi and course materials can be located at http://ecampus.tamu.edu.

FIELD EXPEDITION DISCUSSIONS: Field outings will primarily occur during early morning hours and late afternoon/evening hours to avoid the extreme mid-day temperatures. Between field outings, students
are expected to participate in expedition discussions related to the ecology/biology of specific field habitats.

**FIELD OBSERVATION JOURNAL**: The first morning on the boat, students will be instructed on the protocol of taking notes in a field observation journal. These notes may include site names, habitat descriptions, GPS coordinates, environmental parameters, species names (with reference to photographs), and other significant discoveries. These transcripts should also include ecological principles that relate to each unique habitat that is explored. Special attention should be devoted to one specific topic that students select to research in greater depth upon their return to campus. Selected topics will then be presented as power point slides to the class at weekly class meetings. The field observation journal will be due the second week of classes of the spring semester at the first weekly one-hour class meeting.

**RESEARCH TOPIC PRESENTATIONS**: At the first weekly class meeting (the second week of classes) each student will be assigned a specific date for their research presentation. Presentations will focus on one topic selected during the field exploration portion of the course. Presentations will be 20 minutes in length and include between 15 and 30 power points slides. Students may submit their power point slides 2-weeks prior to their assigned presentation date for review and comments by the instructors. The presentations will be returned to students at least one-week prior to their assigned presentation date.

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**COURSE GRADE**:

Final course grade will be determined by five criteria:

1. Field observation journal = 20%
2. Research topic power point slide report = 15%
3. Oral presentation of research report = 15%
4. Participation during field expedition (discussions and outings) = 30%
5. Attendance and participation at weekly student presentations = 20%

Designation of letter grades should be expected to be determined as follows:

A = 90-100%, B = 80-89%, C = 70-79%, D = 60-69%, F = ≤ 59%

---

**OTHER INFORMATION**:

*Policy on Possession and/or consumption of alcoholic beverages and illegal drugs while in Brazil:* Consumption or possession of illegal drugs while in Brazil is strictly forbidden. In general, substances illegal in the United States (marijuana, cocaine, methamphetamines, etc.) are also illegal in Brazil. Any student possessing illegal drugs while in Brazil will receive a final grade of “F” in the course and will immediately be returned to the United States and referred to a TAMU academic advisor for counseling. Although certain drugs and/or medications may be legal to purchase and possess in Brazil, their importation and use (with or without a prescription) may not be legal in the United States. Any questions or concerns should immediately be brought to the attention of one of the course instructors. Any
prescription drugs brought into Brazil should remain in their original container, which includes the student’s name, medication type, and prescribing physician’s name.

**In Brazil, the legal drinking age is 18 years. For safety and security reasons, all students are strongly cautioned against drinking alcohol.** There may be occasions where social drinking is appropriate, but students are expected to act as adults and professionals. The instructors retain final authority in limiting the consumption of alcoholic beverages by students. This rule is not debatable and failure to follow the instructor’s decision may result in a final grade of “F” for the student and expulsion from the course.

**Q-Drop:** Tuesday, April 19 (5:00 pm) is the deadline for dropping a course with no penalty (Q grade). If students have any question as to whether or not to Q-drop, they should talk to their instructor before this date. After this date, students will be assigned a letter grade or must negotiate a W (withdrawal) or NG (no grade) through your academic dean (see Student Rule 10.3).

**Academic Integrity:** "An Aggie does not lie, cheat, steal, or tolerate those that do."
Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System. Academic misconduct involves any of the following offenses: cheating, fabrication, falsification, multiple submissions, plagiarism, and complicity in any of these offenses. All incidents of academic dishonesty will be referred to the Biology Lower Division Program, are subject to academic penalties, and will be reported to the Texas A&M Honors System Office at [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu).

**Disability Statement:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation for their disabilities. Students who have a disability requiring an accommodation should contact the Disability Services in Cain Hall, Room B118, or call 845-1637. For additional information visit [http://disability.tamu.edu](http://disability.tamu.edu).

**Copyright Statement:** The handouts used in this course are copyrighted. "Handouts" are all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, power point slides, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, students do not have the right to copy the handouts, unless the instructor expressly grants permission.

**Copyright 2016 (Kirk O. Winemiller; Leslie K. Winemiller)** as to this syllabus and all lectures. Students are prohibited from selling (or being paid for taking) notes during this course to or by any person or commercial firm without the express written permission of the professor teaching this course. Students are also prohibited from posting notes on the internet without the express written permission of the professor teaching this course.
Course Schedule

Students registered for the field course will attend one pre-departure meeting with instructors during the fall semester. These pre-departure meetings will review course objectives and content, international trip preparation and logistics, and basic precautions for health, safety and security.

BIOL 486 and WFSC 489 Amazon River Tropical Biology, Brazil, Spring 2016
Schedule of Field Trip Events

Day 1, January 8:
Depart Houston International Airport at 12:10 pm for Manaus, Brazil, connecting through Miami, arrive Manaus airport 11:18 pm; board bus for transfer to downtown Manaus hotel.

Day 2, January 9:
Breakfast at hotel. Graduate students from INPA (Instituto Nacoinal de Pesquisas do Amazonia) will accompany the group to the municipal fish market that offers a remarkable display of fish diversity as well as other natural products from the rainforest. The group also can visit the famous Manaus Opera House that was built during the rubber boom, and where the first opera was performed in 1896. Later, the INPA students will give the group a tour of the INPA campus and labs. Lunch and dinner will be in Manaus. In the evening, the group will board a bus for transfer to Amazon River ship at Pier of Tropical Hotel Manaus; Brief orientation of the ship and cabin assignment.

Day 3, January 10:
During the night the ship will have entered the Rio Negro, and the next morning the motorized canoes will enter a small tributary called Cuiieras to access a hiking area in the forest known as the campina “orchid field”. During hikes, students will learn about tropical forest ecology, terrestrial animal biodiversity, with many examples to illustrate principles of ecology and evolution. After returning to the boat for lunch, students will work on field notes and discuss observations from the hike as the ship moves further up the Rio Negro. At this location, students will gather in the dining hall to hear a lecture describing regional geology, natural history of the Amazon, and a concise history of settlement and economic development.

Day 4, January 11:
In the morning, the group explores the rapids of a small black water river called Igarape Cachoeira to observe and photograph the unique fish fauna associated with this habitat. Students will learn to record water quality parameters using a digital YSI multiprobe, and will learn about community ecology and adaptive radiation by studying the diverse Amazonian fish
fauna. Coming down from the Cuieiras River, the ship will enter the maze of channels of the Rio Negro's Anavilhanas Archipelago, with more than 380 islands, an excellent region for observing birds and other diurnal wildlife. After nightfall, the canoes will pass along narrow channels to survey the region's nocturnal wildlife. After returning to the ship and dinner, students will hear lectures about tropical ecology and work on their field notes.

Day 5, January 12:
After the ship passes upriver during the night, the canoes will explore the red, acidic waters of the Aturia River during a full-day expedition. Water parameters will be measured, and some rapids bordered by white sand bars will be surveyed by snorkeling and sampling fishes with nets. Lunch will be served along the banks of the river. A short hike leads to a marshy, sandy area that is habitat for hundreds of carnivorous sundew plants, and here students will learn about oligotrophic ecosystems, nutrient cycling, and ecological stoichiometry. The group will return to the ship, which will continue moving up the Rio Negro. On board ship during the evening, students will work on field notes and continue discussion of tropical ecology and evolution.

Day 6, January 13:
After moving upstream during the night, the ship will dock at a small village on the edge of the Rio Negro called Novo Airao famous for resident pink river dolphins and for being the only significant settlement on the border of the vast Anavilhanas Archipelago Protected Area, where no harvest of natural resources is permitted. Students will visit a cooperative for regional development with workshops for making woodcarvings, utensils, jewelry, and soap from natural materials from the Amazon forest. Sponsored by a local NGO, this cooperative promotes economic and social development for the indigenous people, and their items are available for purchase. After lunch, the ship will pass further upriver and stop at a small sand island surrounded by the very darkly stained, black water of the Rio Negro, and here the group will observe the diverse seeds that collect along the shore and measure water quality parameters. After dinner on the ship, students will work on field notes and discuss the day's observations.

Day 7, January 14:
In the morning, the ship will continue upstream on the Rio Negro to the mouth of the Rio Branco, a major clear water tributary that drains savannas of the Roraima region of the Guyana Shield. The canoes will access channels and oxbow lakes to investigate rich aquatic biodiversity, including some of top predators including, peacock bass, river dolphins, and black caiman. Water quality measurements will be taken, and predatory fishes will be sampled using fishing poles and photographed. On the ship's deck during the evening, students will learn about food web ecology and work on field notes.

Day 8, January 15:
In the morning and afternoon, the canoes will explore a small clear water tributary known as Agua Boa where diverse fishes and other aquatic animals can be observed while snorkeling. After surveying the water parameters and fauna of this region, the group will return to the ship to begin passage down the Rio Negro for the return to Manaus. During the return journey, there will be lectures about the region's geography, geology, ecology, and conservation biology, and students will have time to work on their field notes and discuss ideas for their research reports.

Day 9, January 16:
The ship continues down the Rio Negro, and the forest and wildlife can be observed from the ship's upper deck. While the ship is underway, there will be plenty of time for more lectures about the region's geography, geology, ecology, and conservation biology, and for students to work on their field notes and discuss with the instructors and peers their ideas for their research reports. Depending on time, the ship may stop again briefly in Porto Airao. The ship will continue downriver throughout the night.

**Day 10, January 17**
The ship will cruise in front of city of Manaus with sights of harbor, fish market, and then to the "Meeting of the Waters" where black waters (darker stained, acidic) of Rio Negro and white waters (muddy, neutral pH) of the Rio Solimões meet to form the Amazon River. The ship will navigate upstream through channels of the Solimoes River to view the varzea forest of the whitewater floodplains, and students will learn about tropical forest ecology. Later in the early evening the motorized canoes will explore a tributary of the Amazon River for an up-close exploration of the remarkable biodiversity of the region.

The ship will return to the pier at the Tropical Hotel Manaus for transport to the airport with flight departing at 12:40 am, January 18, and arriving to Houston during the early morning on the same day.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
- Submit original form and attach a course syllabus.

Form Instructions:
1. Course request type: [ ] Undergraduate [ ] Graduate [ ] First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Arie McFerrin Department of Chemical Engineering
3. Course prefix, number and complete title of course: CHEN 431: Fundamentals in Bioseparations
4. Catalog course description (not to exceed 50 words):
Design principles and application of chemical engineering unit operations to the production of therapeutic and bioactive molecules.

5. Prerequisite(s): CHEN 282 or CHEN 382 or BAEN 302 or BMEN282
Cross-listed with: BAEN 431
Stacked with: BAEN 631
Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? [ ] Yes [ ] No If yes, from _____ to _____
7. Is this a repeatable course? [ ] Yes [ ] No If yes, this course may be taken _____ times.
Will this course be repeated within the same semester? [ ] Yes [ ] No

8. Will this course be submitted to the Core Curriculum Council?
[ ] Yes [ ] No

9. How will this course be graded? [ ] Grade [ ] S/U [ ] P/F (CLMD)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   BS BAEN, BS CHEN

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.
12. [ ] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>CHEN</th>
<th>431</th>
<th>Fundamentals in Bioseparations</th>
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<td>Lab</td>
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Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date

Chair, College Review Committee Date

Dean of College Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Walters at 845-8201 or sandra.walters@tamu.edu.
Curricular Services: 07/15
BAEN/CHEN 431: Fundamentals in Bioseparations
Spring 2017
TR 3:55 – 5:10; 215 Scoates Hall

Course instructor:
Dr. Zivko Nikolov
303G Scoates
znikolov@tamu.edu

Course (catalog) description:
Design principles and application of chemical engineering unit operations to the production of therapeutic and bioactive molecules.

Course Prerequisites: CHEN 282 or CHFN 382 or BAEN 302 or BMEN282, U3 or U4 classification

Skill Prerequisites:
Knowledge of fundamental concepts of biotechnology.
• Familiarity with basic concepts in biotechnology. You are expected to have a basic understanding of how cells function and how they can be manipulated.

Knowledge of fundamental concepts of chemical engineering.
• Have basic skills in algebra, differential calculus, integral calculus, and differential equations. Be able to balance chemical reactions. You are expected to have a basic understanding of transport phenomena (fluids, heat, and mass transfer).

Textbook:

Course Learning Outcomes:
By the end of the course, students should be able to do the following things:

1. Identify design parameters important in production of bioactive molecules. Define different biological production systems (cells) and methodologies for producing therapeutic molecules. Apply mass and energy balance principles to analyze efficiency of biomass and product formation.
2. Apply engineering principles to unit operations in biotechnology. Describe design principles underlying unit operations in bioseparations. Design equipment utilized in bioprocess applications.
4. Work effectively in teams. Recognize the skills needed to function in a modern engineering environment. Develop and refine written and oral communication skills.

Class schedule: 2 lectures per week, 75 min each

Tentative Course Outline
<table>
<thead>
<tr>
<th>Week #</th>
<th>Date</th>
<th>Topic</th>
<th>Reading</th>
<th>Instructor</th>
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<tr>
<td>1</td>
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<td>Introduction to Bioseparations and Bioproducts</td>
<td>Ch. 1</td>
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<td></td>
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<td>Bioreactors Fundamentals</td>
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<td>3</td>
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<td>Analytical methods</td>
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<td>Cell Lysis</td>
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<td></td>
<td>Pretreatment methods - Flocculation</td>
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<td>S-L Separations - Filtration</td>
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<tr>
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<td>S-L Separations - Centrifugation</td>
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<td>Precipitation</td>
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<td>Liquid chromatography principles</td>
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<td>9</td>
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<td>Column dynamics</td>
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<td>Purification scale-up</td>
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<td>10</td>
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<td>Process Development &amp; Design</td>
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<td></td>
<td>Intro to Super Pro Designer</td>
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<td>Project -process synthesis and design</td>
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<td>Project -process synthesis and design</td>
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<td>Oral reports</td>
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<td>Oral reports</td>
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<tr>
<td>15</td>
<td></td>
<td>Oral reports and course evaluation; (last day of class)</td>
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</tr>
</tbody>
</table>

**TERM PROJECT:**

**Term project will include application of SuperPro Designer simulator to selected bioprocesses.**
- Undergraduate students enrolled in BAEN/CHEN 431 will be given a bioprocess case study and will be required to use SuperPro software for cost analysis.
- Graduate students enrolled in BAEN 631 will be responsible for learning how to use SuperPro Designer software, synthesize a selected bioprocess, evaluate process feasibility, and perform cost analysis.

Each student will prepare a written report of 8-10 pages (typed, double-spaced) of text in length on a bioprocess approved by the instructor. An oral presentation (20-25 min) to the class will be required and graded.
Course Grading:
Quizzes & HWs  20%
2 Exams  50%
Term Project  30%

Homework: Homework may be discussed with others but not copied. Group assignments will be submitted as a single assignment for each group. Late work will only be accepted if it adheres to the student rules regarding absences (see link below).
Exams: One week notice will be given for exams. The exams and term projects must be independent and original efforts. Make-up exams will be allowed only for university excused absences. The instructor must be notified prior to the exam, if possible, for absences other than emergency illness or injury.

http://student-rules.tamu.edu/rule07

Tentative grading scale

90 – 100: A
80 – 89: B
70 – 79: C
60 – 69: D
Below 60: F

<table>
<thead>
<tr>
<th>Course Outcomes</th>
<th>Program Objectives</th>
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<tbody>
<tr>
<td>Identify design parameters important in production of bioactive molecules</td>
<td>1,4</td>
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<tr>
<td>Apply engineering principles to unit operations in Biotechnology</td>
<td>1,2,5</td>
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<tr>
<td>Perform economic analysis of processes in Bioseparations</td>
<td>3,4,5</td>
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<tr>
<td>Work effectively in teams.</td>
<td>5</td>
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http://aggiehonor.tamu.edu
Texas A&M University

Departmental Request for a New Course
Undergraduate • Graduate • Professional

- Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:
   - [ ] Undergraduate
   - [ ] Graduate
   - [ ] First Professional (D.O., M.D., J.D., PharmD, D.V.M.)

2. Request submitted by Department or Program Name:
   - Film Studies Program

3. Course prefix, number and complete title of course:
   - FILM 349 Documentary Cinema

4. Catalog course description (not to exceed 50 words):
   Introduction to History and theory of documentary cinema; examination of documentary film's ability to both reflect and shape the history of its time.

5. Prerequisite(s):
   - Jr. or senior classification
   - 92, 96, 104, or approval of instructor

6. Cross-listed with:
   - Stacked with:
     - Cross-listed courses require the signature of both department heads.

7. Is this a variable credit course?
   - [ ] Yes
   - [X] No
   - If yes, from _____ to _____

8. Is this a repeatable course?
   - [X] Yes
   - [ ] No
   - If yes, this course may be taken __ times.

   Will this course be repeated within the same semester?
   - [ ] Yes
   - [X] No

9. Will this course be submitted to the Core Curriculum Council?
   - [ ] Yes
   - [X] No
   - Core: No

10. How will this course be graded?
    - [X] Grade
    - [ ] S/U
    - [ ] P/F (CL.M.D.)

11. This course will be:
    - [ ] required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    - [ ] an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

13. Prefix: FILM
    - Course #: 349
    - Title (excluding punctuation): Documentary Cinema

    
    | Lect | Lab | Other | SCH | CIP and Fund Code | Admin Unit | Acad Year | FLC | Code | Level |
    |------|-----|-------|-----|-------------------|------------|-----------|-----|------|-------|
    | 3.00 | 0.30| 0.00  | 3.00| 5006010003        | 1735       | 16        | -   | 17   | 0     |

    Approval recommended by:
    - Juan Alonso
    - Chair, College Review Committee
    - 6-10-15

    Department Chair (Type, Name & Sign) Date

    Dean of College Date

    Submitted to Coordinating Board by:
    - Chair, GC or UCC
    - Date

    Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.

Curricular Services – 07/14
Ms. Lisa Ellis  
Email Address: lisaellis@tamu.edu  
Office Hours: Tuesdays and Thursdays 9:00-10:00am or by appointment  
Office Location: Bolton 305B  
Office Phone: 979-458-8596

COURSE DESCRIPTION:

Introduction to history and theory of documentary cinema; examination of documentary film's ability to both reflect and shape the history of its time.

This 14-week course introduces students to the history and theory of documentary cinema. The documentary film is a dramatic exploration of actual people and actual situations presented in an effort to find truth. The course will examine the documentary film's ability to both reflect and shape the history of its time. Through readings, viewings, lecture and discussion the course will review and analyze the evolution of the documentary film genre and the various approaches utilized by non-fiction filmmakers. Additionally, the course explores the ethical questions inherently raised by this filmmaking process. As there are so many films and so little class time, the course is a primer with a content emphasis on the North American experience.

LEARNING OUTCOMES: In addition to receiving constructive critique of their work, at the close of this course students will be able to:

- Explain the historical development of documentary cinema.
- Summarize theory associated with the cinema.
- Critically assess documentary cinema.
- Design critical strategies as well as analytical reading and writing skills that may also be applied to other mediums and subject areas.

REQUIRED TEXTS:


- All materials listed in the Course Schedule. Additional readings are located in Readings section on Blackboard eCampus.
• Films listed in the Course Schedule. You are responsible for viewing the required films each week. The films are available via Media Matrix and on 4-hour reserve at Evans Library. View analytically and take notes, as the films are a basis for classroom discussions. Chapter 2 of *A Short Guide to Writing About Films* is a helpful chapter located in the READING section on Blackboard eCampus.

**COURSE POLICIES:**

*Attendance and Participation:* Attendance is required. An unexcused absence will result in a participation grade penalty. The first unexcused absence deducts a point; the second subtracts another 2 points; the third another 3 points; and the fourth takes away the final 4 points. Excused absences are accepted. Please review the student rules on attendance for what is considered an excused absence: [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07).

*Computers:* You may bring a computer to class to take notes on it; however, please refrain from sending email, opening web pages, playing games, or doing anything that will distract your classmates.

*Cell Phones:* Please turn off your cell phones and other devices during class.

*Disability Accommodations:* The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit [http://disability.tamu.edu](http://disability.tamu.edu)

*Academic Dishonesty:* You are expected to turn in original work for this course. Your papers must provide full citations for all references: direct quotes, paraphrased summaries, or borrowed ideas (including from online discussion posts). While you are encouraged to develop your thinking with your peers, you cannot use their material without citing it. Taking credit for another's ideas or writing is plagiarism. Work from other courses will not be accepted in this course without explicit, prior permission of the instructor. Allowing your writing to be copied by another student is also considered cheating. Please review the Honor System Rules at: [http://aggiehonor.tamu.edu/RulesAndProcedures/HonorSystemRules.aspx#definitions](http://aggiehonor.tamu.edu/RulesAndProcedures/HonorSystemRules.aspx#definitions). For additional information visit: [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu/)

*"An Aggie does not lie, cheat, or steal, or tolerate those who do."*
COURSE REQUIREMENTS:

Attendance: Attendance is required. Unexcused absences will result in a participation grade penalty. The first unexcused absence deducts a point; the second subtracts another 2 points; the third another 3 points; any class missed after the third class will result in 4 points taken away.

In-Class Response: On 10 random days, students will submit handwritten responses to prompts provided in class. The responses will relate to the weekly reading, film and topic. Each response is worth 2.5 points. The grade percentage of the responses totals equals 20%, since I will drop the lowest 2 response grades. If you are absent because of an excused absence, you will be given the chance to make up the work in accordance with Student Rule 7: http://student-rules.tamu.edu/rule07.

Discussion Leader: Students are responsible for leading one film discussion.

Mid-Term Paper: Students use prompts to write a 5-6 page paper, due October 15, 2015.

Final Term Paper: Students prepare a proposal, due November 19, 2015, and write an 8-10 page analytical paper, due December 11, 2015.

EVALUATION:

Grades and/or critical feedback will be given throughout the session as you complete work. The final course grade will reflect evaluation of individual assignments, energy and consistency of effort, contribution to class discussion, amount and quality of work during the session and participation. The following is a breakdown of points available and grading scale:

<table>
<thead>
<tr>
<th>Points</th>
<th>Scale</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation 10 points</td>
<td>A</td>
</tr>
<tr>
<td>Discussion Leader 5 points</td>
<td>B</td>
</tr>
<tr>
<td>In-Class Response 20 points</td>
<td>C</td>
</tr>
<tr>
<td>Mid-Term Paper 25 points</td>
<td>D</td>
</tr>
<tr>
<td>Final Paper Proposal 5 points</td>
<td>E</td>
</tr>
<tr>
<td>Final Paper 35 points</td>
<td>Below 60</td>
</tr>
</tbody>
</table>

COURSE SCHEDULE

Week 1

9/1 Introduction to Course. What is a Documentary Film?

9/3 Documentary and the Explorer. Read: NHD, Chs. 1-2
Week 2

9/8      Discussion

**View:** *Nanook of the North*, [1922, Robert Flaherty, US 78’]

**Read:** Robert J. Flaherty. 1922. “How I Filmed Nanook of the North” in *World’s Work*, October 1922, pp. 632-640. (Readings Section on BB);


**View:** *Man with a Movie Camera* [1929, Dziga Vertov, Russia, 68’]

**Read:** NHD, Ch. 3
Feldman, Seth. “Peace Between Man and Machine: Dziga Vertov’s The Man with a Movie Camera” in *Documenting the Documentary*.

Week 3

9/15     The Government and Documentary Film. Propaganda.

**Read:** NHD, Chs. 5-6

9/17     Discussion

**View:** *Triumph of the Will* [1935, Leni Riefenstahl, Germany, 114’]

**Read:** Tomasculo, Frank P. “The Mass Psychology of Fascist Cinema: Leni Riefenstahl’s *Triumph of the Will*” in *Documenting the Documentary*.

Week 4

9/22     War and Documentary Film.

**Read:** NHD, Ch. 7.

9/24     The Postwar Documentary: Call to Prosecute.

**View:** *Night and Fog* [1955, Alain Resnais, France, 32’]

**Read:** Flitterman-Lewis, Sandy. “Documenting the Ineffable: Terror and Memory in Alain Resnais’s *Night and Fog*” in *Documenting the Documentary*.

Week 5


**Read:** NHD, Ch. 11.

10/1     Discussion

**View:** *Don’t Look Back* [1967, D.A. Pennebaker, USA, 96’]

**Read:** Hall, Jeanne. “Don’t You Ever Just Watch?: American Cinema Verite and Don’t Look Back” in *Documenting the Documentary*.

**ASSIGNMENT:** 5-6 Page Mid-Term Paper
Week 6

10/6 The Observer

10/8 Discussion
View: High School [1968, Frederick Wiseman, USA, ’75]
Read: Bordwell, David and Kristin Thompson. “High School” in Film Art

Week 7

10/13 Like Capote, Finding “the Poetry that Comes Out of Non-Fiction.”

10/15 Discussion
View: Salesman [1975, Albert Maysles, David Maysles, and Charlotte Zwerin
USA, 94”]

MID-TERM PAPER DUE: Submit a hardcopy in class and a digital copy via Turnitin.

Week 8

10/20 Power of the People. Power of the Form.
Read: NHD, Ch. 12.

10/22 Discussion
View: Harlan County, USA [1976, Barbara Kopple, USA 103’]


Week 9

10/27 Race, Ethnicity, Sexuality and Video.
Read: NHD, Ch. 13.

10/29 Discussion
View: Who Killed Vincent Chin? [1987, Christine Choy and Renee Tajima-Pena,
USA, 87”]

Week 10

11/3 Breaking the ‘Rules’.
Read: Nichols, Bill. Introduction to Documentary. Ch. 6 “What Types of
Documentary Are There?”

11/5 Discussion
View: Thin Blue Line [1988, Errol Morris, USA, 103’]
Read: Williams, Linda. “Mirrors Without Memories” in Documenting the
Documentary.
Week 11

11/10  Documentary and the Personal Statement.

11/12  Discussion
       **View:** *Roger and Me* [1989, Michael Moore, USA, 91’]  
       **Read:** Bernstein, Matthew. “Documentaphobia and Mixed Modes: Michael Moore’s *Roger and Me*” in *Documenting the Documentary*.

**ASSIGNMENT:** Final Paper Proposal. Due November 19, 2015

8-10 Page Final Paper. Due December 11, 2015 – 12:00pm

Week 12

11/17  Dramatic Power.
       **Read:** NHD, Ch. 14.

11/19  Discussion
       **View:** *Hoop Dreams* [1994, Steve James, USA, 170’]

**FINAL PAPER PROPOSALS DUE:** Submit a hardcopy in class on November 19, 2015.

Week 13


12/1   Discussion
       **View:** *Tarnation* [2003, Jonathan Caouette, USA, 88’]; *Capturing the Friedmans* [2003, Andrew Jarecki, USA, 107’]  
       **Read:** Orgeron, Marsha and Devin Orgeron. “Familial Pursuits, Editorial Acts: Documentaries after the Age of Home Video *The Velvet Light Trap*.

Week 14

12/3   Current State of Documentary Films.  
       **Read:** NHD, Ch. 15-16.

Discussion
       **View:** *The Last Train Home* [2009, Lixin Fan, Canada, 85’]

**FINAL PAPER DUE:** Submit on eCampus via Turnitin by December 11, 2016 –12:00pm
Texas A&M University

Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

1. Course request type:  ✓ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Film Studies Program
3. Course prefix, number and complete title of course: FILM 398 Africana Cinema
4. Catalog course description (no: to exceed 50 words):
Overview of African cinema; historical survey of cinema from Africa and the African Diaspora; introducing films produced in several geographical regions and reflecting different filmmaking traditions.

5. Prerequisite(s): By consent or approval of instructor
Cross-listed with: AFST 398  Stacked with: n/a
Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  □ Yes  ✓ No  If yes, from ______ to ______
7. Is this a repeatable course?  ✓ Yes  □ No  If yes, this course may be taken ______ times.
   Will this course be repeated within the same semester?  □ Yes  ✓ No
8. Will this course be submitted to the Core Curriculum Council?  □ Yes  ✓ No  ICD: Yes
9. How will this course be graded:  □ Grade  □ S/U  □ P/F (CLMD)
10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S. Ph.D. in geography)

Minor in Film Studies, Minor in Africana Studies

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.
12. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
FILM  398  Africana Film

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
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<td>3 6 3 2</td>
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</table>

Approval recommended by:
Juan Alonzo  7/20/15

Department Head or Program Chair (Type Name & Sign)  Date
Chair, College Review Committee  Date
Dean of College  Date

Submitted to Coordinating Board by:
Chair, GC or UCC  Date

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandy.williams@tamu.edu.
Curricular Services – 07/14
AFST 398/FILM 398: Africana Cinema Fall 2016

MWF 11:30-12:20
Harrington Education Center 503

Carmela Garritano, Associate Professor
Office hours 9am-11am and by appointment
Office location 305A Bolton
Office phone 979.458.2732
Email cgarritano@tamu.edu

Prerequisites: U3 or U4 or approval of instructor.

Description and Policy Statement
Catalogue Description:
Overview of African cinema. (3-0). Credit 3. A historical survey of cinema from Africa and the African diaspora, introducing students to films produced in several geographical regions and reflecting different filmmaking traditions.

Course Description:
This course will present a historical overview of Africana cinemas. Beginning with the social realist films of Sembene Ousmane and the modernist cinema of Djibril Diop Mambety and concluding with Nollywood, the transnational, commercial media industry in Nigeria and Ghana, the course surveys a range of films from Africa and the African diaspora to emphasize the diversity of films and filmmaking practices that make up this artistic field. We’ll study the art cinema of auteurs such as John Akomfrah, Mahamat-Saleh Haroun, Fanta Régina Nacro, and Abderrahmane Sissako as well as films by a group of emergent filmmakers concerned with contemporary political issues, such as environmental sustainability, globalization, and gender and sexuality. We will discuss modes of production and distribution and investigate the changing structural, technological, and material conditions that have sustained and contained African film and media. An engaging and interdisciplinary list of readings, drawn from film criticism, media studies, anthropology, and history will facilitate our study.

Learning Outcomes:
After completing this course, students will be able to
- Discuss a major, global filmmaking tradition that operates outside of Hollywood;
- Analyze important African and African diaspora films and the ideas and themes they explore;
- Apply concepts and terms appropriate to the analysis of film texts;

Required Texts (including ISBN numbers)
- *Africa Shoots Back: Alternative Perspectives in Sub-Saharan Francophone African Film* (Indiana UP, 2003), by Melissa Thackway
  ISBN 0253216427
Many printouts of additional readings: Most of our course readings will be made available electronically on e-Campus. **You are expected to print the readings and bring the handouts with you to class on the days we are discussing them.** This is REQUIRED. Printing the handouts should be understood as equal to purchasing a third book for the course and is not optional. Failure to bring handouts to class will result in me asking you to leave class to go print the materials.

**Watching assigned films: (class screenings, Media Matrix, and Media Reserves)** You are required to attend the weekly film screenings, for which you enrolled when you registered for the course. Those screenings are considered part of your coursework. To facilitate your papers and other coursework on the films, the films will be available for personal streaming on Media Matrix. Find them at [mediamatrix.tamu.edu](http://mediamatrix.tamu.edu). DVD copies also have been placed on course reserve, at Media and Reserves (4th floor, Library Annex), in case you need to see them because of an excused absence or wish to review the film.

**Course Work:**

**eCampus discussion board (20%)**

**Ten post-screening comments and/or questions**

After ten of our film screenings -- and before the class meetings immediately following those screenings -- you are required to post a thoughtful comment or a detailed and engaging discussion question. I do not want an evaluative statement: “I liked this film.” Or “This film was boring.” Nor do I want you to ask a question about what you didn’t understand. Instead, make a comment that shows me what you noticed and what you are thinking about. Take the time to compose an analytical comment or question that demonstrates that you watched the film attentively, did the course readings carefully, and are in the process of analyzing -- or making meaning from -- the film. Here are a few possibilities:

- Discuss what you noticed. What motifs, parallels, or other repetitions did you notice?
- How does the film speak to the other films we have studied? Does it engage similar themes, issues?
- Describe distinctive features of the cinematography.
- Discuss the _mise en scène_. How has it been created? What meanings does it suggest?
- How is the plot structured?
- Comment on a crucial scene.
- Is music, or sound, important? How?

**At least five posts must be completed before midterm.**

To earn credit, the comment must be posted before the class meeting that immediately follows the screening. No exceptions. Write and upload your comment early enough to avoid computer glitches or crashes. The posts will be evaluated at mid-term and at the end of the semester. Sample comments/questions and a grading rubric will be distributed separately.

**Quizzes (20%)**
You will take fifteen quizzes at ten points each on course readings and films. The quizzes are unannounced, short, and intended to test that you did the assigned work, understood what you read or watched, and have retained important information and ideas. *Quizzes can be made-up if your absence is excused.* Please review the university policy for what constitutes an excused absence: http://student-rules.tamu.edu/rule07.

**Essays (one at 10% and the second at 20%) 30%**
You will be required to write two essays on the films screened for this class. Essay #1 will be due around mid-term and Essay #2 will be due near the end of the semester. A detailed assignment sheet and a sample grading rubric for each essay will be provided later in the semester.

**Final exam (30%)**
At the time allotted to this class for the final exam, students will take a cumulative final. The exam will include short answer, multiple choice, and essay questions on the films, readings, and class discussions.

**Grade scale**

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
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<tbody>
<tr>
<td>100-90%</td>
<td>A</td>
</tr>
<tr>
<td>89-80%</td>
<td>B</td>
</tr>
<tr>
<td>79-70%</td>
<td>C</td>
</tr>
<tr>
<td>69-60%</td>
<td>D</td>
</tr>
<tr>
<td>59-0%</td>
<td>F</td>
</tr>
</tbody>
</table>

**Class Policies**

**Attendance and Participation:** Students are expected to attend every class and to arrive promptly. This is a discussion-based course and your understanding of course material depends on diligent participation and group collaboration, and so your attendance will help you to be successful in this course.

Refer to http://student-rules.tamu.edu/rule07 for regulations on excused/unexcused absences due to illness, observation of religious holidays, and for the list of university-authorized activities.

**eCampus:** eCampus is an online environment that will extend your learning outside the classroom. I will use eCampus to distribute announcements and to post readings and other assignments as I see necessary. You are required to use eCampus. **All documents downloaded from eCampus should be printed and brought to class when the reading is due.**

**Lap tops and cell Phones** and other electronic devices: Please keep your laptops and cell phones closed, silent, and put away.

**E-Mail Communication:** Check your mail every day for announcements, assignments, and other updates to the class syllabus. Maintaining informed and in communication via e-mail is a university requirement, per Rule 61, which “establishes e-mail as an official means of communication (equivalent to the U.S. Postal Service) at Texas A&M University. It also establishes student responsibilities for use of official TAMU e-mail accounts and official e-mail correspondence.” Please refer to http://student-
rules.tamu.edu/rule61, particularly sections 61.2.3 and 61.2.4.

**Scholastic Honesty:** “An Aggie does not lie, cheat or steal, or tolerate those who do.” Turning in work that is not your own or any other form of scholastic dishonesty will result in a major course penalty, including failure. Visit http://aggiehonor.tamu.edu/ for a full discussion of scholastic dishonesty, as well as student rights and responsibilities, procedures, and disciplinary consequences.

**Students with Disabilities:** The Americans with Disabilities Act (ADA) provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, Cain Hall, rm. B118, phone number 845-1637. For additional information visit http://disability.tamu.edu.

**Grading Scale/Rubric for the Essays**

- **A** This essay contains few, if any, errors in sentence structure and coherence; it develops an interesting, insightful, tightly focused argument. The argument is complex and fully developed, and the essay provides the reader with clear, well-researched support; argumentation fully justifies the author’s conclusions. The style of the paper is eloquent and sophisticated.

- **B** This essay contains few errors in sentence structure, and develops a clear, coherent argument. Support and explanation of that argument, however, are either insufficient to convince the reader completely or do not make clear how the author reaches his or her conclusions.

- **C** This essay is fundamentally sound at the level of sentence structure and diction, but its arguments rely too heavily on assertion, not research. Specific support is either unclear or missing, and the focus of the essay may stray from its stated argument to make a more general or unrelated point. There may also be problems of coherence, complexity, or in the overall development of the argument.

- **D** This essay contains serious problems at the level of sentence structure and diction. It is marred by repeated mechanical errors and/or awkward constructions that obscure meaning. The argument relies almost completely on assertion, with no clear support, development, or analysis.

- **F** This essay does not meet the minimum standards for academic writing as described in the assignment sheet and grading rubric and/or it did not follow assignment guidelines.
Schedule

Week 1: Introductions
Screening: Sanders of the River

Readings:
- Thackway, “Introduction”

On eCampus:
- From Teaching African Cinema, “Historical Background”
- From Granta: “How to Write about Africa,” by Binyavanga Wainaina

Week 2: The Distribution of African Films
Screening: Sacred Places

Reading:
On eCampus:
- From Roman Labato’s Shadow Economies of Cinema, “Introduction” and “Chapter Four: Nollywood at Large”
- From African Experiences of Cinema, “African Films are Foreigners in their Own Countries,” by Emmanuel Sama

Week 3: The beginnings: African cinema, Anti-colonialism, and Cultural Nationalism
Screening: Black Girl/Borom Sarret/Camp de Thiaroye

Reading:
- Thackway, “Chapter Two: Cultural Identity, Representation and Voice”
- Prabhu, “Africa Watch: Parameters and Contexts”

Week 4: Return to the source
Screening: Wend Kuuni

Reading:
On eCampus:
- “Oral Literature and African Film: Narratology in Wend Kuuni,” by Manthia Diawara
- “The missing narrative in Wend Kuuni (time and space), by Marie – Magdeleine Chirol
**Week 5: The Worldliness of Djibril Diop Mambety**  
**First Essay due**  
Screening: Hyènes

Reading:  
- Frank Ukadike’s conversation with Djibril Diop Mambety, with pictures!  
- On eCampus: “The Politics of Reading the “Postnational”: Hybridity and Neocolonial Critique in Djibril Diop Mambéty’s Hyènes”

**Week 6: First Films by African Women**  
Screening: Femmes aux Yeux Ouverts and These Hands

Reading:  
- Thackway, “Chapter Six: African Women and Film”

On eCampus  
- “Western Feminism and African Feminist Filmmaking,” by Kenneth Harrow  

**Week 7: Documentary**  
Screening: Lumumba: Death of a Prophet and Sometimes in April

Reading:  
- Prahbu “Chapter Eight: African Narration”  
- On e-Campus: “What Types of Documentary Are There?,” by Bill Nichols  
- “Critical Dialogues: Transcultural Modernities and Modes of Narrating Africa in Documentary Films”

**Week 8: Representing the African Diaspora**  
Screening: Afrique Sur Seine and Clando

Reading:  
Thackway, “Chapter Five: Filming the Immigrant Experience”

**Week 9: Sexuality in Recent African Cinema**  
Watch: Karmen Gei

Read:  
- On eCampus: Anjali Prahbu’s chapter on Karmen Gei  
• “Homosexuality is not Un-Africa” Interview with Wanuri Kahiu

**Week 10: African Cinema or World Cinema?**
Screening: GrisGris
- On eCampus: Thackway, “Exile and the ‘Burden of Representation’”
- Diawara “The New African Cinema Wave”

**Week 11: Nollywood and the Emergence of Video Film**
Screening: *Living in Bondage*
Read on eCampus:
- “Nnebue: The Anatomy of Power,” by Jon Haynes
- “‘Praise the Lord’: Popular Cinema and the Pentecostalite Style,” by Birgit Meyer

**Week 12: New Nollywood**
Screening: *Phone Swap*
- Read on eCampus: “New Nollywood: Kunle Afolayan,” by Jon Haynes
- “Evolving Nollywood Templates for Minor Transnational Film,” by Moradewun Adejunmobi

**Week 13: The Nollywood Diaspora**
Screening: *Ije*
- Read on eCampus: “From Nollywood to Nollyworld,” by Alessandro Jedlowski
- “The Nollywood Diaspora,” by Jon Haynes

**Week 14: Genre and African film: Sci-Fi and African Action**
Screening: *Pumzi* and *Riva Viva!*
**Second essay presentations and feedback**
Texas A&M University

Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:  
   ☑ Undergraduate  □ Graduate  □ First Professional  [WCH, M.S., Ph.D.] (optional)

2. Request submitted by (Department or Program Name):  
   Department of Horticultural Sciences
   HORT 416 Understanding Wine: From Vines to Wines and Beyond

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
   Facets of wine in the United States and around the world; the history of wine, grape growing and winemaking, types of wine, wine etiquette, beer and spirits, sensory evaluation, wine marketing, and winery tasting room and event management.

5. Prerequisite(s):
   Must be 21 years of age; junior senior classification

   Cross-listed with:  
   Stacked with:  
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  
   □ Yes  ☑ No  
   If yes, from _______ to _______

7. Is this a repeatable course?  
   □ Yes  ☑ No  
   If yes, this course may be taken _______ times.

   Will this course be repeated within the same semester?  
   □ Yes  ☑ No

8. Will this course be submitted to the Core Curriculum Council?  
   ☑ Yes  □ No

9. How will this course be graded:  
   ☑ Grade  □ S/U  □ P/F (CLMD)

10. This course will be:
   a. required for students enrolled in the following degree programs(s) (e.g., B.A. in history)

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   B.A. in Horticulture; B.S. in Horticulture

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  Course #  Title (excluding punctuation)
    HORT  416  Understanding Wine

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin Unit  Acad. Year  EICE Code
    3.00  0.00  0.00  3.00  0111030005  1520  16  -  17  0  0  3  6  3  2

    Approval recommended by:
    [Signature]

    Department Head or Program Chair (Type Name & Sign)  Date
    [Signature]

    Department Head or Program Chair (Type Name & Sign)  Date
    [Signature]

    Department Head or Program Chair (Type Name & Sign)  Date

    Submitted to Coordinating Board by:
    Chair, GC or UCC  Date
    [Signature]

    Submit Coordinating Board by:
    Associate Director, Curricular Services  Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
HORT 416, Fall 2016
Understanding Wine: From Vines to Wines and Beyond
Monday/Wednesday 4:10-5:25PM
Horticulture-Forest Science Room 102

Instructor: Dr. Justin Scheiner
E-mail: jscheiner@tamu.edu
Phone: (979)845-1870
Office: Horticulture-Forest Science, 222
Office Hours: By appointment

Course description and prerequisites:
This course is an introduction to the many facets of wine in the United States and around the world. Topics include: the history of wine, grape growing and winemaking, types of wine, wine etiquette, beer and spirits, sensory evaluation, wine marketing, and winery tasting room and event management.

Wine sensory evaluation conducted in this course is for educational purposes only. Students must be at least 21 years of age to participate in sensory evaluation activities and are required to expectorate the wine.

Course Learning Outcomes:
At the end of this course, students should be able to:

- Discuss the history of wine around the world and its place in culture
- Explain how wine is made from grape to glass
- Describe the major types of wine and their origins
- Describe the major types of beer and distilled spirits
- Explain wine etiquette and the culinary aspects of wine
- Design a marketing plan for a small winery that focuses on event and tasting room management
- Discuss the legal aspects of producing and serving wine, beer, and spirits

Textbook and/or Resource Material:

Supplementary notes, slides from class, and other material will be available through e-Campus (http://ecampus.tamu.edu/get-started.php).

**Course Requirements and Grading:**
Grades are based on a total of 575 points. A standard grading scale will be utilized and the instructor reserves the right to curve individual exams or course grades upward if individual or class performance warrants such action. In no case will the curving of grades result in a lower grade than was earned using the standard scale enumerated herein. Do not count on a curved grading scale for the course.

**Quizzes (25 points each):** Eight quizzes will be given over the assigned reading material and material presented in class. Questions will consist of multiple choice and short answer. The lowest quiz grade will be dropped, and the final grade calculation will be based on a total of 175 possible quiz points. See course outline for quiz dates.

**Exams (100 points each):** Three exams will be given over the course of the semester. Each exam will cover the material presented in class and in assigned reading. Questions will consist of essay, short answer, and multiple choice. See course outline for exam dates.

**Marketing Plan (100 points):** Students will develop a marketing plan for a small winery that focuses on tasting room sales and events. The details of this assignment will be announced in class.

**Grades** - Final grades will be assigned based on the percentage of total possible points earned.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points earned (out of 575)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>517 - 575</td>
</tr>
<tr>
<td>B</td>
<td>460 - 516</td>
</tr>
<tr>
<td>C</td>
<td>402 - 459</td>
</tr>
<tr>
<td>D</td>
<td>345 - 401</td>
</tr>
<tr>
<td>F</td>
<td>&lt; 345</td>
</tr>
</tbody>
</table>

**Policies and Expectations:**

**Assignments and Absences:** Late assignments will not be accepted. An excused absence, as defined in the university handbook, is required to avoid receiving zero points on any missed assignments. For additional information visit [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07)
**Electronic Devices:** Cell phones should be turned off and put away during class. Laptops and tablets may be used in class for the purpose of taking notes and following along with course material.

### Tentative Course Outline
*The instructor reserves the right to make changes to the course outline as necessary.*

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug. 29</td>
<td>The history of wine around the world</td>
<td>Ch. 1 pp. 4-23</td>
</tr>
<tr>
<td>Aug. 31</td>
<td>Intro to grape growing</td>
<td>Ch. 3 pp. 42-54</td>
</tr>
<tr>
<td>Sept. 5</td>
<td>Intro to winemaking</td>
<td>Ch. 3 pp. 54-63</td>
</tr>
<tr>
<td>Sept. 7</td>
<td>Types of wine: table wine</td>
<td>Ch. 4 pp 70-81</td>
</tr>
<tr>
<td>Sept. 12</td>
<td>Types of wine: table wine continued</td>
<td>Ch. 4 pp. 81-91</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 1</strong></td>
<td></td>
</tr>
<tr>
<td>Sept. 14</td>
<td>Types of wine: sparkling wine</td>
<td>Ch. 11 &amp; 12 pp. 216-237</td>
</tr>
<tr>
<td>Sept. 19</td>
<td>Types of wine: fortified wine and specialty wine</td>
<td>Ch. 13 pp. 242-251</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 2</strong></td>
<td></td>
</tr>
<tr>
<td>Sept. 21</td>
<td>Exam I</td>
<td></td>
</tr>
<tr>
<td>Sept. 26</td>
<td>Beer</td>
<td>Notes provided instructor</td>
</tr>
<tr>
<td>Sept. 28</td>
<td>Spirits</td>
<td>Notes provided by instructor</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 3</strong></td>
<td></td>
</tr>
<tr>
<td>Oct. 3</td>
<td>Wine tasting and etiquette</td>
<td>Ch. 2 pp. 27-36</td>
</tr>
<tr>
<td>Oct. 5</td>
<td>Tour of TAMU Vineyard</td>
<td></td>
</tr>
<tr>
<td>Oct. 10</td>
<td>Wine and food pairing</td>
<td>Ch. 14 pp. 277-283, Ch. 6 pp. 95-138</td>
</tr>
<tr>
<td>Oct. 12</td>
<td>Wine regions of the world: old world</td>
<td>Ch. 9 &amp; 10 pp. 174-210</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 4</strong></td>
<td></td>
</tr>
<tr>
<td>Oct. 17</td>
<td>Wine regions of the world: new world</td>
<td>Ch. 8 pp. 160-167</td>
</tr>
<tr>
<td>Oct. 19</td>
<td>Tour of Peach Creek Vineyards</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 5</strong></td>
<td></td>
</tr>
<tr>
<td>Oct. 24</td>
<td>The wine industry in Texas</td>
<td>Notes provided by instructor</td>
</tr>
<tr>
<td>Oct. 26</td>
<td>The wine industry in the United States</td>
<td>Ch. 7 pp. 146-155</td>
</tr>
<tr>
<td></td>
<td><strong>Quiz 6</strong></td>
<td></td>
</tr>
<tr>
<td>Oct. 31</td>
<td>Guest Speaker (TBA)</td>
<td>Notes provided by instructor</td>
</tr>
<tr>
<td>Nov. 2</td>
<td>Exam II</td>
<td>What You Should Know About Grape Wine Labels ttb.gov/pdf/brochures/p51901.pdf</td>
</tr>
<tr>
<td>Nov. 7</td>
<td>Legal aspects of wine, beer, and spirits</td>
<td>Notes provided by instructor</td>
</tr>
<tr>
<td>Nov. 9</td>
<td>Understanding a wine label</td>
<td></td>
</tr>
<tr>
<td>Nov. 14</td>
<td>Defining quality</td>
<td></td>
</tr>
</tbody>
</table>
Nov. 16         Wine Marketing                           Notes provided by instructor  
               Quiz 7
Nov. 21         Winery tasting room management
Nov. 28         Winery event planning and management   Notes provided by instructor
Nov. 30         Work on winery marketing plan assignment in class
               Quiz 8
Dec. 5          No class, redefined day – attend Friday classes
Dec. 7          Marketing Plan Presentations
Dec. 12         Final exam 3:30-5:30PM

Other Pertinent Course Information

Americans with Disabilities Act (ADA)
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit [http://disability.tamu.edu](http://disability.tamu.edu)

If you would like to be considered for disability accommodations, you must first register with disability services and provide medical documentation to support your request for consideration.

The Aggie Honor Code

"An Aggie does not lie, cheat, or steal, or tolerate those who do."

The Aggie Code of Honor is an effort to unify the aims of all Texas A&M men and women toward a high code of ethics and personal dignity. For most, living under this code will be no problem, as it asks nothing of a person that is beyond reason. It only calls for honesty and integrity, characteristics that Aggies have always exemplified.

The Aggie Code of Honor functions as a symbol to all Aggies, promoting understanding and loyalty to truth and confidence in each other. For additional information visit [http://aggiehonor.tamu.edu/RulesAndProcedures/HonorSystemRules.aspx](http://aggiehonor.tamu.edu/RulesAndProcedures/HonorSystemRules.aspx)
Texas A&M University

Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions:

1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Public Health Studies

3. Course prefix, number and complete title of course: PHLT 432: Human Factors and Ergonomic Health and Safety

4. Catalog course description (not to exceed 50 words):
Covers the basic principles of ergonomics including principles of anatomy, physiology, instrument design, and work environments; emphasis on ergonomic design, implementing ergonomic programs; will combine lectures, reading discussions, design homework, and in-class presentations.

5. Prerequisite(s): Public Health major; junior or senior classification; or approval of instructor.

   Cross-listed with: 
   Stacked with: Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? ☐ Yes ☑ No If yes, from ______ to ______

7. Is this a repeatable course? ☐ Yes ☑ No If yes, this course may be taken _____ times.

   Will this course be repeated within the same semester? ☐ Yes ☑ No

8. Will this course be submitted to the Core Curriculum Council? ☑ Yes ☐ No

9. How will this course be graded: ☑ Grade ☐ S/I ☐ P/F (αL/M)

10. This course will be:
   a. required for students enrolled in the following degree programs(s) (e.g., B.A. in history)

   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   Bachelor of Science in Public Health

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

13. Prefix: PHLT 432 HUMAN FACTR & ERGO HLTH & SAFTY

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
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<td>0 0 3 6 3 2</td>
</tr>
</tbody>
</table>

Approval recommended by:

Gilbert Ramirez
Department Head or Program Chair (Type Name & Sign) Date

Ranjana Mehta
Chair, College Review Committee Date

Jay Maddock
Dean of College Date

Department Head or Program Chair (Type Name & Sign) Date (if cross-listed course)

Submitted to Coordinating Board by:

Chair, GC or UCC Date

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 07/14

RECEIVED SEP 18 2015 CURRICULAR SERVICES
Instructor Information

Course title and number  PHLT 432: Human Factors And Ergonomic Health and Safety
Term  Fall 2017
Meeting times and location  TBD

Instructor Name(s)

Teaching Assistant(s)
Telephone number
Email address
Office hours
Office location

Course Description

This course covers the basic principles of ergonomics including principles of anatomy, physiology, instrument design, and work environments. Emphasis will be on ergonomic design and implementing ergonomic programs. The course will combine lectures, reading discussions, design homework, and in-class presentations.

Prerequisites

Public Health major; junior or senior classification; or approval of instructor.

Learning Outcomes and Course Objectives

By completing the class assignments, through participation and by completing the readings, the student will be able to:

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Learning Objective</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Goal 2. Value the scope and nature of problems and challenges addressed by the field of public health.</strong></td>
<td></td>
</tr>
</tbody>
</table>
| Describe socioeconomic, behavioral, biological, environmental and other factors that impact population health and contribute to health disparities. | • Describe how the work environment affects the worker  
• Identify cumulative trauma disorders. |
| Employ the underlying science of human health and disease including opportunities for promoting and protecting health across the life course. | • Discuss the relevance of physiology in ergonomic measurement and design.  
• Discuss the relevance of physics in ergonomic measurement and design.  
• Discuss human-machine systems  
• Discuss applications ergonomic principles to human-machine systems.  
• Apply knowledge of ergonomics to workplace |
Grading Policies

The graded assignments and the percentages of the student's grade they will constitute are the following:

<table>
<thead>
<tr>
<th>Grading Scale</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>90-100 Points</td>
<td>A</td>
</tr>
<tr>
<td>80-89 Points</td>
<td>B</td>
</tr>
<tr>
<td>70-79 Points</td>
<td>C</td>
</tr>
<tr>
<td>60-69 Points</td>
<td>D</td>
</tr>
<tr>
<td>0-59 Points</td>
<td>F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quizzes</th>
<th>20%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam</td>
<td>35%</td>
</tr>
<tr>
<td>Project (iterative)</td>
<td>45%</td>
</tr>
<tr>
<td>topic</td>
<td>2</td>
</tr>
<tr>
<td>problem definition</td>
<td>3</td>
</tr>
<tr>
<td>outline</td>
<td>5</td>
</tr>
<tr>
<td>Paper draft</td>
<td>5</td>
</tr>
<tr>
<td>Papor final</td>
<td>15</td>
</tr>
<tr>
<td>Presentation</td>
<td>15</td>
</tr>
</tbody>
</table>

Assignment Instructions:

I. **Quizzes:** Four quizzes will be given in class during the semester on reading assignments, class lectures, and discussions. Make-up for university-excused absences is discussed below.

II. **Project Iterations:** In lieu of traditional homework assignments, students will turn in different stages of their project throughout the semester. This will keep students working on a reasonable time frame. Each iteration will count towards points on the total project.

III. **Mid-semester examination:** This exam will be multiple choice questions over topics covered in first half of the semester. Questions will be similar to quiz questions.

IV. **Student Presentations:** At the end of the semester student groups will present an ergonomically modified common use tool of their choice (it must be unique within the class). The students will describe what led them to choose the tool, why modification was necessary, how their modifications improved it, and include a two and three dimensional design of the product.

Attendance and Make-up Policies

**Attendance:** Attendance is expected in this class. All students are expected to arrive on time and be ready to actively participate in lecture every day.

A university-excused absence is the **only** excuse acceptable for missing an assignment credit. For information regarding what constitutes an excused absence, please see http://student-rules.tamu.edu/rule07. For absences related to illness, confirmation of a visit to a health care professional will be required. For other university-excused absences, please see your advisor to ascertain the documents needed to confirm your absence.

Unexcused assignments will result in a grade of a 0, for missed assignments.

If an absence is excused, the instructor will either provide the student an opportunity to make up any work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor. If the instructor has a regularly scheduled make up exam, students are expected to attend unless they have a university approved excuse. The make-up work must be completed in a timeframe not to exceed 30 calendar days from the last day of the initial absence. The reasons absences are considered excused by the university are listed below. See Student Rule 7 for details.
The fact that these are university-excused absences does not relieve the student of responsibility for prior notification and documentation. Failure to notify and/or document properly may result in an unexcused absence. Falsification of documentation is a violation of the Honor Code.

Other absences may be excused at the discretion of the instructor with prior notification and proper documentation. In cases where prior notification is not feasible (e.g., accident or emergency) the student must provide notification by the end of the second working day after the absence, including an explanation of why notice could not be sent prior to the class.

Other Pertinent Course Information

Every effort will be made to ensure that power point lecture files, notes, articles and assignments are available online in a timely manner. Written assignments will be delivered thru the eCampus course website. Handouts, changes in assignments or the schedule of class modules will be announced on the eCampus course webpage. E-mail contact will be initiated with all students the first week of class.

eCampus

If this course uses eCampus: Within the course’s eCampus site you will access the learning materials, tutorials, and syllabus; discuss issues; submit assignments; take quizzes; email other students and the instructor; participate in online activities; and display your projects.

In order to access the course material you will need to go to login into Howdy and then click the eCampus button on the top right or look for Quick Links on the bottom of the School’s homepage or go to http://ecampus.tamu.edu Please do not contact your instructor with technical problems. If you are having a technical problem with the course, review the Blackboard Learn Tutorials (at the top-right of School’s Office of Academic Assessment and Instructional Technology website), or contact John C. Lingsewiler in the School’s Office of Academic Assessment and Instructional Technology. John may be reached at (979) 436-9409 or at lingsewiler@sph.tamhsc.edu For login issues (password not working), please contact TAMU Help Desk at helpdesk@tamu.edu via E-mail, or phone to (979) 845-8300. Your eCampus login is the same as your Howdy login (NetID).

Computer Requirements for Online Courses
For this and all online courses we recommend the minimum technical requirements outlined on our “SPH Computer Requirements for Online Courses” web page, located at http://www.sph.tamhsc.edu/assessment-instructional/com-requirement.html#distance-education/technicalSpecifications.html

All computing problems or other technical issues not related to eCampus, please contact:

- TAMHSC related account: helpdesk@tamhsc.edu via E-mail, or phone to (979) 862-8029
- TAMU related account: helpdesk@tamu.edu via E-mail, or phone to (979) 845-8300

Important!!! Save your work as you go along. Nothing is more discouraging than to lose an assignment due to a computer hang ups! You may want to also make hard copies of your work to have “proof” and save yourself time and trouble!

Plagiarism Virtual Course

Plagiarism is the leading form of academic dishonesty that the School of Public Health has to address. As a SPH student, you are responsible for knowing what plagiarism is and how to avoid it. All SPH students are automatically enrolled in Plagiarism Virtual Course on eCampus. This virtual course provides you with information and examples related to plagiarism in an effort to reduce the number of reported incidents.
Please find a tutorial and resources under "Content." In addition, please find Turnitin, a software package that allows you to check whether you may have plagiarized your document. Please see Phuong Huynh: phuong@sph.tamhsc.edu for additional information.

Reference Formatting

All PHLT course writing assignments require student use the APA referencing format. Students are encouraged to become familiar with referencing software (e.g. RefWorks or EndNote) but are responsible in assuring appropriate citation styles are used.

TAMU Library Website on Citations: http://guides.library.tamu.edu/CitingSources

Purdue OWL APA Format Website: https://owl.english.purdue.edu/owl/resource/560/01/

Additional details on appropriate citation and how to avoid plagiarism can be found in the Virtual Plagiarism Course section of the syllabus.

End of Course Evaluation

Constructive feedback from students on course evaluations is taken very seriously at the School of Public Health. I am asking for your assistance in helping the School in its assessment of courses and faculty through your participation in the evaluation of your courses. As public health professionals you will one day have the responsibility to evaluate colleagues and health initiatives. The School views providing feedback on the School's courses as part of your professional responsibility.

SPH Mission

Our mission is to create and apply knowledge acquired from the disciplines of public health to the education of public health leaders and practitioners through our research, practice, and service in the state of Texas, nationally, and globally.

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu

Academic Integrity

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Students are expected to adhere to all TAMUS, TAMU, HSC, and School policies regarding academic integrity and classroom conduct. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used, or tampering with the academic work of another student. Individuals found guilty of academic dishonesty may be dismissed from the degree program, and at a minimum will receive an F for the course. It is the student's responsibility to have a clear understanding of how to reference other individuals' work, as well as having a clear understanding in general as to the various aspects of academic dishonesty. A tutorial on this issue is available at: http://SPH.tamhsc.edu/academic-affairs/academic-integrity.html.

Information on the Aggie Honor Code can be found at http://aggiehonor.tamu.edu.

Remember:
"An Aggie does not lie, cheat, or steal, or tolerate those who do."
Copyright Statement

The materials used in this course are copyrighted. These materials include but are not limited to syllabi, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy the handouts, unless permission is expressly granted by the instructor.

FERPA

The Federal Education Rights & Privacy Act requires that we advise students that by registering for this course, their HSC assigned e-mail address will be revealed to classmates and the instructor. By continuing your enrollment in the course you acknowledge your understanding of this policy. By enrolling in this course you agree to the following statement: “I understand that as a result of registering for this course, my HSC/Blackboard assigned e-mail address will be revealed to classmates and the instructor.”

Equal Opportunity Statement

The Texas A&M Health Science Center is an Equal Opportunity/ Affirmative Action employer. Inquiries regarding nondiscrimination policies may be directed to the Human Resources Officer by phone at (979) 436-9208, email hr@tamhsc.edu, or by mail at 200 Technology Way, College Station, TX 77845.

DISCLAIMER

This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change. These changes will be communicated via email or posted as announcements. If you have any problems related to this course, please feel free to discuss them with the instructor.

Title IX

Title IX of the Education Amendments of 1972 protects people from sex discrimination in educational programs and activities at institutions that receive federal financial assistance. Texas A&M University and the Texas A&M Health Science Center are committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, the University does not discriminate on the basis of sex in its education programs and activities, and it encourages any student or non-student who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct by another student, member of the faculty or staff, or campus visitor or contractor, to immediately report the incident to any of the individuals persons or offices listed below.

WHERE TO REPORT:
James Nachlinger,
Executive Director, Payroll and HR Services
Title IX Coordinator
979-436-9207
nachlinger@tamhsc.edu

The University encourages students to immediately consult with or report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to the TAMHSC Title IX Coordinator. Students may also report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to any School of Public Health administrator, university administrator, official or unit supervisor, who is then responsible for promptly notifying any of the above Title IX coordinators of the reported incident.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type:
   - [X] Undergraduate
   - [ ] Graduate
   - [ ] First Professional (D.O., M.D., J.D., Pharm.D., D.V.M.)

2. Request submitted by (Department or Program Name):
   Public Health Studies

3. Course prefix, number and complete title of course:
   PHLT 433: Industrial Inspections and Audit Techniques

4. Catalog course description (not to exceed 50 words):
   This course covers the principles of conducting industrial audits for fire, safety, and security; course emphasis on the role of the health and safety professional, assessing safety programs, meeting regulatory requirements; will combine lectures, reading discussions, and case studies.

5. Prerequisite(s):
   Public Health major; junior or senior classification, or approval of instructor.

6. Is this a variable credit course?
   - [X] No
   - [ ] Yes
   - If yes, from _______ to _______

7. Is this a repeatable course?
   - [X] No
   - [ ] Yes
   - If yes, this course may be taken _______ times.

8. Will this course be repeated within the same semester?
   - [X] No
   - [ ] Yes

9. Will this course be submitted to the Core Curriculum Council?
   - [X] No
   - [ ] Yes

10. How will this course be graded?
    - [X] Grade
    - [ ] S/U
    - [ ] P/F (CLMD)

11. This course will be:
    a. required for students enrolled in the following degree programs(s) (e.g., B.A. in history)

12. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

13. Prefix Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>HCE Code</th>
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<tbody>
<tr>
<td>3.00</td>
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<td>3.00</td>
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<td>2414</td>
<td>16 - 17</td>
<td>0 0 3 6 3 2</td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by:
Gilbert Ramirez
Department Head or Program Chair (Type, Name & Sign) Date

Ranjana Mehta
Chair, College Review Committee Date

Jay Maddock
Dean of College Date

Department Head or Program Chair (Type Name & Sign) Date (if cross-listed course)

Submitted to Coordinating Board by:
Chair, GC or UCC Date

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or curricular.services@tamu.edu.
Curricular Services – 07/14

RECEIVED CURRICULAR SERVICES SEP 18, 2015
Instructor Information

Course title and number  PHLT 433: Industrial Inspections and Audit Techniques
Term  Fall 2017
Meeting times and location  TBD

Instructor Name(s)

Teaching Assistant(s)
Telephone number
Email address
Office hours
Office location

Course Description

This course covers the principles of conducting industrial audits for fire, safety, and security. Course emphasis is on the role of the health and safety professional in assessing safety programs and in meeting regulatory requirements. The course will combine lectures, reading discussions, and case studies.

Prerequisites

Public Health major; junior or senior classification; or approval of instructor.

Learning Outcomes and Course Objectives

By completing the class assignments, through participation and by completing the readings, the student will be able to:

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Learning Objective</th>
</tr>
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<tbody>
<tr>
<td><strong>Program Goal 3. Appreciate the breadth, depth and variety of intellectual and practical skills employed in the field of public health.</strong></td>
<td></td>
</tr>
<tr>
<td>Illustrate basic concepts related to data in public health including, collection tools and methods, analysis, and reporting with understanding of why evidence-based approaches are essential.</td>
<td>• Describe the issues involved in conducting interviews, including language and confidentiality issues</td>
</tr>
<tr>
<td>Employ basic intervention processes and approaches to address public health concerns of populations.</td>
<td>• Describe the audit process, including what happens, before, during, and after the audit.</td>
</tr>
<tr>
<td></td>
<td>• Discuss potential challenges and concerns from audits</td>
</tr>
<tr>
<td></td>
<td>• Discuss the logistics of conducting an audit.</td>
</tr>
<tr>
<td>Apply fundamental concepts and features of project implementation, including planning, assessment and evaluation.</td>
<td>• Create an audit program and protocol</td>
</tr>
</tbody>
</table>
Program Goal 4. Appreciate the variety of communication methods and cultural competence required in the field of public health.

- Demonstrate basic concepts of public health-related communication, including culturally competent technical and professional writing and the use of other communication tools.

- Describe the issues involved in conducting interviews, including language and confidentiality issues.

Textbook and/or Resource Material

ISBN-10: 1439828865 0750674113

Course Topics, Calendar of Activities, Major Assignment Dates

<table>
<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Required Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Course Introduction, overview of the audit process</td>
<td>Dunlap Chapter 1</td>
</tr>
<tr>
<td>2</td>
<td>Pre-audit and audit necessities.</td>
<td>Dunlap Chapter 2</td>
</tr>
<tr>
<td>3</td>
<td>Post-audit process and documentation review</td>
<td>Dunlap Chapters 3 &amp; 4 Quiz 1</td>
</tr>
<tr>
<td>4</td>
<td>Physical inspection and conducting interviews.</td>
<td>Dunlap Chapters 5 &amp; 6 Homework 1</td>
</tr>
<tr>
<td>5</td>
<td>Creating an audit program, and audit protocol</td>
<td>Dunlap Chapters 7 &amp; 8 Quiz 2</td>
</tr>
<tr>
<td>6</td>
<td>Audit scoring and auditor selection and training.</td>
<td>Dunlap Chapters 9 &amp; 10 Mid-semester exam review</td>
</tr>
<tr>
<td>7</td>
<td>Mid-Term Examination Week</td>
<td>Mid-term exam</td>
</tr>
<tr>
<td>8</td>
<td>Audit logistics and frequency</td>
<td>Dunlap Chapters 11 &amp; 12</td>
</tr>
<tr>
<td>9</td>
<td>Workplace safety auditing</td>
<td>Dunlap Chapter 13 Quiz 3</td>
</tr>
<tr>
<td>10</td>
<td>Security auditing</td>
<td>Dunlap Chapter 14</td>
</tr>
<tr>
<td>11</td>
<td>Fire auditing</td>
<td>Dunlap Chapter 14</td>
</tr>
<tr>
<td>12</td>
<td>Audits as a training tool, and employee involvement</td>
<td>Dunlap Chapter16 &amp; 17 Quiz 4</td>
</tr>
<tr>
<td>13</td>
<td>Challenges with audits</td>
<td>Dunlap Chapter 18 Homework 3</td>
</tr>
<tr>
<td>14</td>
<td>In class case studies</td>
<td>Blackboard slide sets and other materials Exam 2</td>
</tr>
<tr>
<td>15</td>
<td>Final Examination (not required, Student Rule 8.1)</td>
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- **Quizzes (4)** 20%
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<tr>
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TAMU Library Website on Citations: http://guides.library.tamu.edu/CitingSources

Purdue OWL APA Format Website: https://owl.english.purdue.edu/owl/resource/560/01/

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Constructive feedback from students on course evaluations is taken very seriously at the School of Public
Health. I am asking for your assistance in helping the School in its assessment of courses and faculty through your participation in the evaluation of your courses. As public health professionals you will one day have the responsibility to evaluate colleagues and health initiatives. The School views providing feedback on the School's courses as part of your professional responsibility.

SPH Mission

Our mission is to create and apply knowledge acquired from the disciplines of public health to the education of public health leaders and practitioners through our research, practice, and service in the state of Texas, nationally, and globally.

Americans with Disabilities Act (ADA)

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu

Academic Integrity

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Students are expected to adhere to all TAMUS, TAMU, HSC, and School policies regarding academic integrity and classroom conduct. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used, or tampering with the academic work of another student. Individuals found guilty of academic dishonesty may be dismissed from the degree program, and at a minimum will receive an F for the course. It is the student's responsibility to have a clear understanding of how to reference other individuals' work, as well as having a clear understanding in general as to the various aspects of academic dishonesty. A tutorial on this issue is available at: http://SPH.tamhsc.edu/academic-affairs/academic-integrity.html.

Information on the Aggie Honor Code can be found at http://aggiehonor.tamu.edu.

Remember:
"An Aggie does not lie, cheat, or steal, or tolerate those who do."

Copyright Statement

The materials used in this course are copyrighted. These materials include but are not limited to syllabi, quizzes, exams, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, you do not have the right to copy the handouts, unless permission is expressly granted by the instructor.

FERPA

The Federal Education Rights & Privacy Act requires that we advise students that by registering for this course, their HSC assigned e-mail address will be revealed to classmates and the instructor. By continuing your enrollment in the course you acknowledge your understanding of this policy. By enrolling in this course you agree to the following statement: "I understand that as a result of registering for this course, my HSC/Blackboard assigned e-mail address will be revealed to classmates and the instructor."

Equal Opportunity Statement
The Texas A&M Health Science Center is an Equal Opportunity/Affirmative Action employer. Inquiries regarding nondiscrimination policies may be directed to the Human Resources Officer by phone at (979) 436-9208, email hr@tamhsc.edu, or by mail at 200 Technology Way, College Station, TX 77845.

DISCLAIMER

This syllabus is representative of materials that will be covered in this class; it is not a contract between the student and the institution. It is subject to change. These changes will be communicated via email or posted as announcements. If you have any problems related to this course, please feel free to discuss them with the instructor.

Title IX

Title IX of the Education Amendments of 1972 protects people from sex discrimination in educational programs and activities at institutions that receive federal financial assistance. Texas A&M University and the Texas A&M Health Science Center are committed to maintaining a learning environment that is free from discriminatory conduct based on gender. As required by Title IX, the University does not discriminate on the basis of sex in its education programs and activities, and it encourages any student or non-student who thinks that he or she has been subjected to sex discrimination, sexual harassment (including sexual violence) or sexual misconduct by another student, member of the faculty or staff, or campus visitor or contractor, to immediately report the incident to any of the individuals persons or offices listed below.

WHERE TO REPORT:
James Nachlinger,
Executive Director, Payroll and HR Services
Title IX Coordinator
979-436-9207
nachlinger@tamhsc.edu

The University encourages students to immediately consult with or report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to the TAMHSC Title IX Coordinator. Students may also report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to any School of Public Health administrator, university administrator, official or unit supervisor, who is then responsible for promptly notifying any of the above Title IX coordinators of the reported incident.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions:
1. Course request type: [ ] Undergraduate [ ] Graduate [ ] First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Public Health Studies
3. Course prefix, number and complete title of course: PHLT 434: Project Cost Benefit and Economics

4. Catalog course description (not to exceed 50 words):
Covers how to estimate and manage project costs; emphasis on improving accuracy of cost projection, making better modifications to cost on work in-progress, will combine lectures, reading discussions, quizzes, and homework.

5. Prerequisite(s):
Public Health major; junior or senior classification; or approval of instructor.

6. Is this a variable credit course? [ ] Yes [ ] No
If yes, from _______ to _______

7. Is this a repeatable course? [ ] Yes [ ] No
If yes, this course may be taken _______ times.
Will this course be repeated within the same semester? [ ] Yes [ ] No

8. Will this course be submitted to the Core Curriculum Council? [ ] Yes [ ] No

9. How will this course be graded: [ ] Grade [ ] S/U [ ] P/F (CLMD)

10. This course will be:
   a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
   b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
      Bachelor of Science in Public Health

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. [ ] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix: Course # Title (excluding punctuation)
<table>
<thead>
<tr>
<th>PHLT</th>
<th>434</th>
<th>PROCT COST BENEFIT &amp; ECON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td>3.00</td>
<td>0.00</td>
<td>3.00</td>
</tr>
</tbody>
</table>

Approval recommended by:
Gilbert Ramirez
Department Head or Program Chair (Type Name & Sign) Date

Ranjana Mehta
Chair, College Review Committee
Date

Jay Maddock
Dean of College
Date

Department Head or Program Chair (Type Name & Sign) Date (if cross-listed course)

Submitted to Coordinating Board by:
Chair, GC or UCC
Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services - 07/14
## Instructor Information

- **Course title and number**: PHLT 434: Project Cost Benefit and Economics
- **Term**: Fall 2017
- **Meeting times and location**: TBD

### Instructor Name(s)

- **Teaching Assistant(s)**
- **Telephone number**
- **Email address**
- **Office hours**
- **Office location**

## Course Description

This course covers how to estimate and manage project costs. Course emphasis is on improving accuracy of cost projection and making better modifications to cost on work in-progress. The course will combine lectures, reading discussions, quizzes, and homework.

## Prerequisites

- Public Health major; junior or senior classification; or approval of instructor.

## Learning Outcomes and Course Objectives

By completing the class assignments, through participation and by completing the readings, the student will be able to:

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| Illustrate basic concepts related to data in public health including, collection tools and methods, analysis, and reporting with understanding of why evidence-based approaches are essential. | - Explain multiple estimating models.  
- Discuss cost management for a project.  
- Develop a deliverable-oriented work and a resource breakdown schedule.  
- Develop a progress monitoring plan.  
- Discuss issues involved in external projects, such as, contracts, bidding, costs, and audits. |
Textbook and/or Resource Material

ISBN-10: 1567281442

Course Topics, Calendar of Activities,Major Assignment Dates

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<th>Week</th>
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<tbody>
<tr>
<td>1</td>
<td>Course Introduction, overview of project work</td>
<td>Rad Chapter 1</td>
</tr>
</tbody>
</table>
| 2    | Building a deliverable oriented work breakdown schedule             | Rad Chapter 2
 |                  | Homework 1                                                           |                             |
| 3    | WBS cases and development                                           | Rad Chapter 2               |
| 4    | Resource breakdown structure                                        | Rad Chapter 3
 |                  | Quiz 1                                                                |                             |
| 5    | RBS detailed example and development                                | Rad Chapter 3
 |                  | Homework 2                                                           |                             |
| 6    | Parametric estimating models                                         | Rad Chapter 4
 |                  | Mid-semester examination review                                      |                             |
| 7    | Mid-Term Examination Week                                           | Mid-term exam due           |
| 8    | Analogous estimating models                                         | Rad Chapter 4               |
| 9    | Progress monitoring                                                 | Rad Chapter 5
 |                  | Quiz 2                                                                |                             |
| 10   | Cost management                                                      | Rad Chapter 6               |
| 11   | Contracts and specifications for external projects                  | Rad Chapter 7
 |                  | Quiz 3                                                                |                             |
| 12   | Bidding and project costs for external projects                     | Rad Chapter 7               |
| 13   | External projects and audit process                                 | Rad Chapter 7
 |                  | Homework 4                                                           |                             |
| 14   | Case study                                                          | Blackboard slides, and materials
 |                  | Exam 2                                                                | Exam 2                      |
| 15   | Final Examination (not required, Student Rule 8.1)                  |                             |

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<tr>
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<tbody>
<tr>
<td>Homework 4</td>
<td>20%</td>
</tr>
<tr>
<td>Quizzes 3</td>
<td>15%</td>
</tr>
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**Academic Integrity**

Academic integrity is the pursuit of scholarly activity free from fraud and deception and is an educational objective of this institution. Students are expected to adhere to all TAMUS, TAMU, HSC, and School policies regarding academic integrity and classroom conduct. Academic dishonesty includes, but is not limited to, cheating, plagiarizing, fabricating information or citations, facilitating acts of academic dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used, or tampering with the academic work of another student. Individuals found guilty of academic dishonesty may be dismissed from the degree program, and at a minimum will receive an F for the course. It is the student's responsibility to have a clear understanding of how to reference other individuals' work, as well as having a clear understanding in general as to the various aspects of academic dishonesty. A tutorial on this issue is available at: http://SPH.tamhsc.edu/academic-affairs/academic-integrity.html.

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WHERE TO REPORT:
James Nachlinger,
Executive Director, Payroll and HR Services
Title IX Coordinator
979-436-9207
nachlinger@tamhsc.edu

The University encourages students to immediately consult with or report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to the TAMHSC Title IX Coordinator. Students may also report incidents of sex discrimination, sexual harassment (including sexual violence) or sexual misconduct to any School of Public Health administrator, university administrator, official or unit supervisor, who is then responsible for promptly notifying any of the above Title IX coordinators of the reported incident.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
* Submit original form and attach a course syllabus.*

Form Instructions
1. Course request type:  
   - Undergraduate  
   - Graduate  
   - First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Department of Public Health Studies

3. Course prefix, number and complete title of course:
   PHLT 484 Public Health Studies Field Experience

4. Catalog course description (not to exceed 50 words):
   On the job training in the area of public health; development of objectives and goals; evaluation by supervisor required.

5. Prerequisite(s):
   Approval of department head: PHS major with a minimum overall 3.0 TAMU GPA.

   Cross-listed with:  
   Stacked with:  
   Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course?  
   - Yes  
   - No  
   If yes, from _______ to _______

7. Is this a repeatable course?  
   - Yes  
   - No  
   If yes, this course may be taken 0 times.

   Will this course be repeated within the same semester?  
   - Yes  
   - No

8. Will this course be submitted to the Core Curriculum Council?  
   - Yes  
   - No

9. How will this course be graded?  
   - Grade  
   - S/U  
   - P/F (CLMD)

10. This course will be:  
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

   B.S., Public Health Studies

If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  
    Course #  
    Title (excluding punctuation)

    PHLT  
    484  
    Public Health Studies Field Ex

    Lect.  
    Lab  
    Other  
    SCH  
    CIP and Fund Code  
    Admin. Unit  
    Acad. Year  
    HICE Code

    0.00  
    0.00  
    2.00  
    0.00  
    5122010014  
    2414  
    15-  
    16  
    0  
    0  
    3  
    6  
    3  
    2

   Approval recommended by:

   Gilbert Ramirez
   Department Head or Program Chair (Type Name & Sign)  
   Date  
   Ranjana Mehta  
   Chair, College Review Committee  
   Date

   Jay Maddock  
   Dean of College  
   Date

   Submitted to Coordinating Board by:

   Chair, GC or UCC  
   Date

   Effective Date  
   SEP 18 2015

   CURRICULAR SERVICES

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
Instructor Information

Course title and number  PHLT 484 Public Health Studies Field Experience
Term                    Spring 2016
Meeting times and location TBD

Instructor Name(s)

Teaching Assistant(s)
Telephone number        979.436.XXX
Email address           TAMU email
Office hours            At least 5 on at least 2 days
Office location         SPH AXXX

Course Description

This course provides opportunities for learning and training experiences in the field of Public Health which are appropriate to the student’s career goals; professional supervision required. Payment for the training/field experience is optional. The following are typical examples of jobs for which credit may be granted: Shadowing a public health professional (this should involve some contact with clients in practice setting); Working as a public health professional (employment as a program assistant); Working in public health research (employment in a research laboratory). The student will receive 2 hours of PHLT directed elective credit upon completion of the course requirements (S/U grade). If the student is obtaining 485 credit for the field experience, then 484 credit will not be granted.

Prerequisites

Approval of department head, PHS major with a minimum overall 3.0 TAMU GPA.

Learning Outcomes and Course Objectives

By completing the class assignments, through participation and by completing the readings, the student will be able to:

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Learning Objective</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program Goal 1. Understand the history, ethics, and traditions of the field of public health.</strong></td>
<td></td>
</tr>
<tr>
<td>Describe the history, ethics, and traditions of public health to include its core values, concepts and functions in society.</td>
<td>• Objectives will be specific to student experience.</td>
</tr>
<tr>
<td><strong>Program Goal 2. Value the scope and nature of problems and challenges addressed by the field of public health.</strong></td>
<td></td>
</tr>
<tr>
<td>Describe socioeconomic, behavioral, biological, environmental and other factors that impact population health and</td>
<td>• Objectives will be specific to student experience.</td>
</tr>
<tr>
<td><strong>Program Goal 3.</strong> Appreciate the breadth, depth and variety of intellectual and practical skills employed in the field of public health.</td>
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<tr>
<td><strong>Employ the underlying science of human health and disease including opportunities for promoting and protecting health across the life course.</strong></td>
<td></td>
</tr>
<tr>
<td>• Objectives will be specific to student experience.</td>
<td></td>
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<tr>
<td><strong>Explain fundamental characteristics and organizational structures of health systems in the US and throughout the world.</strong></td>
<td></td>
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<tr>
<td>• Objectives will be specific to student experience.</td>
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<tr>
<td><strong>Illustrate basic concepts related to data in public health including, collection tools and methods, analysis, and reporting with understanding of why evidence-based approaches are essential.</strong></td>
<td></td>
</tr>
<tr>
<td>• Objectives will be specific to student experience.</td>
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</tr>
<tr>
<td><strong>Employ basic intervention processes and approaches to address public health concerns of populations.</strong></td>
<td></td>
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<tr>
<td>• Objectives will be specific to student experience.</td>
<td></td>
</tr>
<tr>
<td><strong>Apply fundamental concepts and features of project implementation, including planning, assessment and evaluation.</strong></td>
<td></td>
</tr>
<tr>
<td>• Objectives will be specific to student experience.</td>
<td></td>
</tr>
<tr>
<td><strong>Identify basic concepts of legal, ethical, economic and regulatory dimensions public health and the roles, influences and responsibilities of government, private sector and other stakeholders.</strong></td>
<td></td>
</tr>
<tr>
<td>• Objectives will be specific to student experience.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Program Goal 4.</strong> Appreciate the variety of communication methods and cultural competence required in the field of public health.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Demonstrate basic concepts of public health-related communication, including culturally competent technical and professional writing and the use of other communication tools.</strong></td>
</tr>
<tr>
<td>• Objectives will be specific to student experience.</td>
</tr>
</tbody>
</table>

**Textbook and/or Resource Material**

None
Course Topics, Calendar of Activities, Major Assignment Dates

Topics and Activities will be specific to student experience

Grading Policies

Your final grade will consist of the following assignments:

1. **Sixty (60) documented hours of work experiences.** The PHLT 484 instructor must approve the work before enrolling in the course. The attached form can be used to document the hours. (36 points)

2. **Field experience completion letter.** The student's supervisor must provide a letter certifying that the student has satisfactorily completed all the requirements of the field experience. The completion letter should be addressed to the PHLT 484 Instructor and should be on letterhead and signed by the student's supervisor. Comments by the supervisor are welcome, but not required. (32 points)

3. **Final written report.** The student must provide a brief overview of their PHLT 484 activities and summarize their overall experiences and impressions. Areas for discussion may include ascertained strengths, weaknesses, ethical struggles, and any unique or unusual experiences. This report should be approximately one page in length (12 pt font, 1.5 line spacing, 1” top/bottom margins, 1.25” left/right margins). (32 points)

The grading scale will be as follows:

70-100 points = S
69-0 points = U

Due Date:
All assignments (documentation of work hours, completion letter and final report) are due by 4pm last class day of semester (e.g. before reading days). All work not turned in by this date and time will receive a grade of zero for that assignment and a final grade for the course (U) will be assigned accordingly.

Attendance and Make-up Policies

**Attendance:** Attendance is expected in this class. All students are expected to arrive on time and be ready to actively participate in lecture every day.

A university-excused absence is the only excuse acceptable for missing an assignment credit. For information regarding what constitutes an excused absence, please see [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07). For absences related to illness, confirmation of a visit to a health care professional will be required. For other university-excused absences, please see your advisor to ascertain the documents needed to confirm your absence.

Unexcused assignments will result in a grade of a 0, for missed assignments.

If an absence is excused, the instructor will either provide the student an opportunity to make up any work that contributes to the final grade or provide a satisfactory alternative by a date agreed upon by the student and instructor. If the instructor has a regularly scheduled make up exam, students are expected to attend unless they have a university approved excuse. The make-up work must be completed in a timeframe not to exceed 30 calendar days from the last day of the initial absence. The reasons absences are considered excused by the university are listed below. See Student Rule 7 for details ([http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07)).

The fact that these are university-excused absences does not relieve the student of responsibility for prior notification and documentation. Failure to notify and/or document properly may result in an unexcused absence. Falsification of documentation is a violation of the Honor Code.

Other absences may be excused at the discretion of the instructor with prior notification and proper documentation. In cases where prior notification is not feasible (e.g., accident or emergency) the student
must provide notification by the end of the second working day after the absence, including an explanation of why notice could not be sent prior to the class.

**Other Pertinent Course Information**

Every effort will be made to ensure that power point lecture files, notes, articles and assignments are available online in a timely manner. Written assignments will be delivered thru the eCampus course website. Handouts, changes in assignments or the schedule of class modules will be announced on the eCampus course webpage. E-mail contact will be initiated with all students the first week of class.

**eCampus**

If this course uses eCampus: Within the course’s eCampus site you will access the learning materials, tutorials, and syllabus; discuss issues; submit assignments; take quizzes; e-mail other students and the instructor; participate in online activities; and display your projects.

In order to access the course material you will need to go to login into Howdy and then click the eCampus button on the top right or look for Quick Links on the bottom of the School’s homepage or go to http://ecampus.tamu.edu Please do not contact your instructor with technical problems. If you are having a technical problem with the course, review the Blackboard Learn Tutorials (at the top-right of School’s Office of Academic Assessment and Instructional Technology website), or contact John C. Lingsweiler in the School’s Office of Academic Assessment and Instructional Technology. John may be reached at (979) 436-9409 or at lingsweiler@sph.tamhsc.edu For login issues (password not working), please contact TAMU Help Desk at helpdesk@tamu.edu via E-mail, or phone to (979) 845-8300. Your eCampus login is the same as your Howdy login (NetID).

**Computer Requirements for Online Courses**

For this and all online courses we recommend the minimum technical requirements outlined on our "SPH Computer Requirements for Online Courses" web page, located at http://www.sph.tamhsc.edu/assessment-instructional/com-requirement.html#distance-education/technical-specifications.html

All computing problems or other technical issues not related to eCampus, please contact:

- TAMHSC related account: helpdesk@tamhsc.edu via E-mail, or phone to (979) 862-8029
- TAMU related account: helpdesk@tamu.edu via E-mail, or phone to (979) 845-8300

**Important!!!** Save your work as you go along. Nothing is more discouraging than to lose an assignment due to a computer hang ups! You may want to also make hard copies of your work to have "proof" and save yourself time and trouble!

**Plagiarism Virtual Course**

Plagiarism is the leading form of academic dishonesty that the School of Public Health has to address. As a SPH student, you are responsible for knowing what plagiarism is and how to avoid it. All SPH students are automatically enrolled in Plagiarism Virtual Course on eCampus. This virtual course provides you with information and examples related to plagiarism in an effort to reduce the number of reported incidents. Please find a tutorial and resources under "Content." In addition, please find Turnitin, a software package that allows you to check whether you may have plagiarized your document. Please see Phuong Huynh: phuong@sph.tamhsc.edu for additional information.

**Reference Formatting**

All PHLT course writing assignments require student use the APA referencing format. Students are encouraged to become familiar with referencing software (e.g. RefWorks or EndNote) but are responsible
in assuring appropriate citation styles are used.

TAMU Library Website on Citations: http://guides.library.tamu.edu/CitingSources

Purdue OWL APA Format Website: https://owl.english.purdue.edu/owl/resource/560/01/

Additional details on appropriate citation and how to avoid plagiarism can be found in the Virtual Plagiarism Course section of the syllabus.

End of Course Evaluation

Constructive feedback from students on course evaluations is taken very seriously at the School of Public Health. I am asking for your assistance in helping the School in its assessment of courses and faculty through your participation in the evaluation of your courses. As public health professionals you will one day have the responsibility to evaluate colleagues and health initiatives. The School views providing feedback on the School’s courses as part of your professional responsibility.

SPH Mission

Our mission is to create and apply knowledge acquired from the disciplines of public health to the education of public health leaders and practitioners through our research, practice, and service in the state of Texas, nationally, and globally.

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Texas A&M University
Departmental Request for a New Course
Undergraduate + Graduate + Professional
Submit original form and attach a course syllabus.

1. Course request type: [ ] Undergraduate  [ ] Graduate  [ ] First Professional

2. Request submitted by: [Department or Program Name]
   Select or Type Department/Program Name
   WFSC 462: Amazon River Tropical Biology

4. Catalog course description (not to exceed 50 words):
   History, ecology, evolutionary-biology, geography, and culture of the Amazon River and Rio Negro; exploration of
   the world's most bio-diverse river during a 10-day expedition from Manaus, Brazil; survey biota, record observations about
   the ecosystem, select research topics, development of presentations.

5. Prerequisite(s):
   RENR 205, BIOL 107, BIOL 112, BIOL 113, BIOL 357, or approval of instructor.
   Cross-listed with:
   BIOL 462
   Stacked with:

6. Is this a variable credit course? [ ] Yes  [ ] No
   If yes, from _________ to _________.

7. Is this a repeatable course? [ ] Yes  [ ] No
   If yes, this course may be taken _________ times.

8. Will this course be repeated within the same semester? [ ] Yes  [ ] No

9. Will this course be submitted to the Core Curriculum Council? [ ] Yes  [ ] No
   [ ] Approved
   [ ] Rejected

10. How will this course be graded? [ ] Grade  [ ] S/I  [ ] P/F

11. This course will be:
   4. required for students enrolled in the following degree program(s) (e.g., B.A. in History)
   5. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in Geography)
   6. WFSC - All options and concentrations

12. Other departments are responsible for related subject matter. This course must be coordinated with these departments.
   Attach approval letters.

13. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://exportcontrol.ae.utexas.edu/)

Prefix  Course #  Title (excluding punctuation)
WFSC  462  Amazon River Tropical Biology

<table>
<thead>
<tr>
<th>Lect.</th>
<th>Lab</th>
<th>Other</th>
<th>SCHI</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.00</td>
<td>0.00</td>
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<td>261301082</td>
<td>2951</td>
<td>16</td>
<td>17</td>
</tr>
</tbody>
</table>

Approval recommended by:

Deans, Heads, or Program Chair (Type Name & Sign)  Date

Department Heads or Program Chair (Type Name & Sign)  Date
(Subject listed course)

Submitted to Coordinating Board by:

Chair, GCC or UCC  Date

Questions regarding this form should be directed to Sondra Williams at 845-3050 or sondra.williams@tamu.edu
Curricular Services 5731

Received SEP 11 2015
Amazon River Tropical Biology
BIOL 462/WFSC 462

**SPRING 2016 SYLLABUS**

Professors:
Dr. Leslie Kelso Winemiller
Senior Lecturer-Dept. of Biology
e-mail: lesliew@mail.bic.tamu.edu
979-862-7484
320 Heldenfels

Dr. Kirk Winemiller
Professor-Dept. of Wildlife & Fisheries Sciences
e-mail: k-winemiller@tamu.edu
979-862-4020
110D Heep

**COURSE DESCRIPTION/SUMMARY:** Amazon River Tropical Biology (BIOL 489/WFSC 489) is a one-semester study abroad course (3 credits) that focuses on the natural history, ecology, evolutionary biology, geography, and culture of the Amazon River and Rio Negro, a massive black-water tributary. Students will discover the attributes of the world’s largest and most bio-diverse river basin during a 10-day expedition that embarks in early January from Manaus, Brazil. During this boat-based expedition, students will learn about tropical biology by surveying biota and recording observations about this unique ecosystem. Upon completion of the expedition, students will select research topics and develop presentations that will be reported to the class in weekly one-hour sessions during the spring semester.

**PREREQUISITES:** One introductory BIOL or WFSC course which may be selected from RENR 205, BIOL 107, BIOL 112, BIOL 113, BIOL 357, or equivalent course and approval of instructor.

**LEARNING OUTCOMES:**
Upon successful completion of this course students should be able to:

1. Describe and discuss the geography, natural history, and culture of the Brazilian Amazon.
2. Articulate a basic understanding of tropical biology gained from both individual and collective group participation in field experiences in diverse ecosystems in the central Amazon River.
3. Identify unique aspects of Brazilian Amazon culture and language (Portuguese).
4. Systematically observe, record, and analyze observations of flora, fauna, and geography.
5. Identify local species with the assistance of field guides and texts.
6. Develop and express ideas, thoughts, and reactions to observations through written journal entries.
7. Demonstrate ability to measure environmental parameters using scientific data collection equipment.
8. Effectively collaborate in groups to hypothesize, research, and interpret scientific principles.
9. Independently research a topic in tropical biology, create a presentation, and effectively communicate the presentation to peers and evaluators.
10. Critically analyze scientific research presentations through questioning and discussions.
11. Interact professionally with peers, instructors, expedition staff, and the local population.
COURSE MATERIALS:

1. No textbook required for course.
2. Field journal or notebook (black marble cover with lined pages)
3. List of required items for field excursion will be provided prior to departure.

MAJOR TOPICS OF INSTRUCTION AND STUDENT RESEARCH:

Geography – patterns of geology, soils, water chemistry, vegetation, land use, etc. within the Guyana Shield region of the central Amazon
Patterns in plant diversity – growth forms, canopy/understory profile, etc. – in relation to habitat features (elevation/flooding, soils, water type)
Herbivory in relation to habitat – incidence of leaf damage, plant growth form/diversity
Fungal diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Insect diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Fish diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Reptile and amphibian diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Bird diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Mammal diversity, associations with habitat types, patterns of trait variation, local assemblage structure, etc.
Crypts – insects, fishes
Coevolution – insects and plants, hosts and parasites, predators and prey
Diurnal versus nocturnal diversity – mammals, reptiles, fishes
Biological conservation – human impacts, biological preserves, sustainable use of natural resources

ATTENDANCE AND PARTICIPATION POLICY: In addition to participation in the field expedition, regular attendance is expected at weekly class sessions during the semester. The Biology and Wildlife & Fisheries Departments do not accept the TAMU Explanatory Statement of Absence Form as an adequate verification for an absence. Students who miss class and want to make up missed assignments must provide verification for the reason of absence (see Student Rules 7, http://student-rules.tamu.edu/). Prior notification of absence is expected whenever possible (Student Rule 7.3). For an absence due to illness or injury, each student must notify the instructor within two working days of the absence. Additionally, the student must provide, within one week, written and signed evidence of consultation with a medical professional confirming that the injury or illness was serious enough to justify the absence. Submitted evidence will be verified prior to approval of any makeup.

COURSE WEBSITES: Syllabi and course materials can be located at http://ecampus.tamu.edu.

FIELD EXPEDITION DISCUSSIONS: Field outings will primarily occur during early morning hours and late afternoon/evening hours to avoid the extreme mid-day temperatures. Between field outings, students
are expected to participate in expedition discussions related to the ecology/biology of specific field habitats.

**FIELD OBSERVATION JOURNAL:** The first morning on the boat, students will be instructed on the protocol of taking notes in a field observation journal. These notes may include site names, habitat descriptions, GPS coordinates, environmental parameters, species names (with reference to photographs), and other significant discoveries. These transcripts should also include ecological principles that relate to each unique habitat that is explored. Special attention should be devoted to one specific topic that students select to research in greater depth upon their return to campus. Selected topics will then be presented as power point slides to the class at weekly class meetings. The field observation journal will be due the second week of classes of the spring semester at the first weekly one-hour class meeting.

**RESEARCH TOPIC PRESENTATIONS:** At the first weekly class meeting (the second week of classes) each student will be assigned a specific date for their research presentation. Presentations will focus on one topic selected during the field exploration portion of the course. Presentations will be 20 minutes in length and include between 15 and 30 power points slides. Students may submit their power point slides 2-weeks prior to their assigned presentation date for review and comments by the instructors. The presentations will be returned to students at least one-week prior to their assigned presentation date.

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**COURSE GRADE:**

Final course grade will be determined by five criteria:

1. Field observation journal = 20%
2. Research topic power point slide report = 15%
3. Oral presentation of research report = 15%
4. Participation during field expedition (discussions and outings) = 30%
5. Attendance and participation at weekly student presentations = 20%

Designation of letter grades should be expected to be determined as follows:
A = 90-100%, B = 80-89%, C = 70-79%, D = 60-69%, F = ≤ 59%

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**OTHER INFORMATION:**

*Policy on Possession and/or consumption of alcoholic beverages and illegal drugs while in Brazil:* Consumption or possession of illegal drugs while in Brazil is strictly forbidden. In general, substances illegal in the United States (marijuana, cocaine, methamphetamines, etc.) are also illegal in Brazil. Any student possessing illegal drugs while in Brazil will receive a final grade of “F” in the course and will immediately be returned to the United States and referred to a TAMU academic advisor for counseling. Although certain drugs and/or medications may be legal to purchase and possess in Brazil, their importation and use (with or without a prescription) may not be legal in the United States. Any questions or concerns should immediately be brought to the attention of one of the course instructors. Any
prescription drugs brought into Brazil should remain in their original container, which includes the student’s name, medication type, and prescribing physician’s name.

**In Brazil, the legal drinking age is 18 years. For safety and security reasons, all students are strongly cautioned against drinking alcohol.** There may be occasions where social drinking is appropriate, but students are expected to act as adults and professionals. The instructors retain final authority in limiting the consumption of alcoholic beverages by students. This rule is not debatable and failure to follow the instructor’s decision may result in a final grade of “F” for the student and expulsion from the course.

**Q-Drop:** Tuesday, April 19 (5:00 pm) is the deadline for dropping a course with no penalty (Q grade). If students have any question as to whether or not to Q-drop, they should talk to their instructor before this date. After this date, students will be assigned a letter grade or must negotiate a W (withdrawal) or NG (no grade) through your academic dean (see Student Rule 10.3).

**Academic Integrity:** "An Aggie does not lie, cheat, steal, or tolerate those that do."
Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the Honor Code, to accept responsibility for learning, and to follow the philosophy and rules of the Honor System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System. Academic misconduct involves any of the following offenses: cheating, fabrication, falsification, multiple submissions, plagiarism, and complicity in any of these offenses. All incidents of academic dishonesty will be referred to the Biology Lower Division Program, are subject to academic penalties, and will be reported to the Texas A&M Honors System Office at [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu).

**Disability Statement:** The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation for their disabilities. Students who have a disability requiring an accommodation should contact the Disability Services in Cain Hall, Room B118, or call 845-1637. For additional information visit [http://disability.tamu.edu](http://disability.tamu.edu).

**Copyright Statement:** The handouts used in this course are copyrighted. "Handouts" are all materials generated for this class, which include but are not limited to syllabi, quizzes, exams, power point slides, lab problems, in-class materials, review sheets, and additional problem sets. Because these materials are copyrighted, students do not have the right to copy the handouts, unless the instructor expressly grants permission.

**Copyright 2016 (Kirk O. Winemiller; Leslie K. Winemiller)** as to this syllabus and all lectures. Students are prohibited from selling (or being paid for taking) notes during this course to or by any person or commercial firm without the express written permission of the professor teaching this course. Students are also prohibited from posting notes on the internet without the express written permission of the professor teaching this course.
Course Schedule

Students registered for the field course will attend one pre-departure meeting with instructors during the fall semester. These pre-departure meetings will review course objectives and content, international trip preparation and logistics, and basic precautions for health, safety and security.

BIOL 489 and WFSC 489 Amazon River Tropical Biology, Brazil, Spring 2016
Schedule of Field Trip Events

Day 1, January 8:
Depart Houston International Airport at 12:10 pm for Manaus, Brazil, connecting through Miami, arrive Manaus airport 11:18 pm; board bus for transfer to downtown Manaus hotel.

Day 2, January 9:
Breakfast at hotel. Graduate students from INPA (Instituto Nacioinal de Pesquisas do Amazonia) will accompany the group to the municipal fish market that offers a remarkable display of fish diversity as well as other natural products from the rainforest. The group also can visit the famous Manaus Opera House that was built during the rubber boom, and where the first opera was performed in 1896. Later, the INPA students will give the group a tour of the INPA campus and labs. Lunch and dinner will be in Manaus. In the evening, the group will board a bus for transfer to Amazon River ship at Pier of Tropical Hotel Manaus; Brief orientation of the ship and cabin assignment.

Day 3, January 10:
During the night the ship will have entered the Rio Negro, and the next morning the motorized canoes will enter a small tributary called Cuieriras to access a hiking area in the forest known as the campina “orchid field”. During hikes, students will learn about tropical forest ecology, terrestrial animal biodiversity, with many examples to illustrate principles of ecology and evolution. After returning to the boat for lunch, students will work on field notes and discuss observations from the hike as the ship moves further up the Rio Negro. At this location, students will gather in the dining hall to hear a lecture describing regional geology, natural history of the Amazon, and a concise history of settlement and economic development.

Day 4, January 11:
In the morning, the group explores the rapids of a small black water river called Igarape Cachoeira to observe and photograph the unique fish fauna associated with this habitat. Students will learn to record water quality parameters using a digital YSI multiprobe, and will learn about community ecology and adaptive radiation by studying the diverse Amazonian fish
fauna. Coming down from the Cuieiras River, the ship will enter the maze of channels of the Rio Negro’s Anavilhanas Archipelago, with more than 380 islands, an excellent region for observing birds and other diurnal wildlife. After nightfall, the canoes will pass along narrow channels to survey the region’s nocturnal wildlife. After returning to the ship and dinner, students will hear lectures about tropical ecology and work on their field notes.

Day 5, January 12:
After the ship passes upriver during the night, the canoes will explore the red, acidic waters of the Aturia River during a full-day expedition. Water parameters will be measured, and some rapids bordered by white sand bars will be surveyed by snorkeling and sampling fishes with nets. Lunch will be served along the banks of the river. A short hike leads to a marshy, sandy area that is habitat for hundreds of carnivorous sundew plants, and here students will learn about oligotrophic ecosystems, nutrient cycling, and ecological stoichiometry. The group will return to the ship, which will continue moving up the Rio Negro. On board ship during the evening, students will work on field notes and continue discussion of tropical ecology and evolution.

Day 6, January 13:
After moving upstream during the night, the ship will dock at a small village on the edge of the Rio Negro called Novo Airao famous for resident pink river dolphins and for being the only significant settlement on the border of the vast Anavilhanas Archipelago Protected Area, where no harvest of natural resources is permitted. Students will visit a cooperative for regional development with workshops for making woodcarvings, utensils, jewelry, and soap from natural materials from the Amazon forest. Sponsored by a local NGO, this cooperative promotes economic and social development for the indigenous people, and their items are available for purchase. After lunch, the ship will pass further upriver and stop at a small sand island surrounded by the very darkly stained, black water of the Rio Negro, and here the group will observe the diverse seeds that collect along the shore and measure water quality parameters. After dinner on the ship, students will work on field notes and discuss the day’s observations.

Day 7, January 14:
In the morning, the ship will continue upstream on the Rio Negro to the mouth of the Rio Branco, a major clear water tributary that drains savannas of the Roraima region of the Guyana Shield. The canoes will access channels and oxbow lakes to investigate rich aquatic biodiversity, including some of top predators including, peacock bass, river dolphins, and black caiman. Water quality measurements will be taken, and predatory fishes will be sampled using fishing poles and photographed. On the ship’s deck during the evening, students will learn about food web ecology and work on field notes.

Day 8, January 15:
In the morning and afternoon, the canoes will explore a small clear water tributary known as Agua Boa where diverse fishes and other aquatic animals can be observed while snorkeling. After surveying the water parameters and fauna of this region, the group will return to the ship to begin passage down the Rio Negro for the return to Manaus. During the return journey, there will be lectures about the region’s geography, geology, ecology, and conservation biology, and students will have time to work on their field notes and discuss ideas for their research reports.

Day 9, January 16:
The ship continues down the Rio Negro, and the forest and wildlife can be observed from the ship’s upper deck. While the ship is underway, there will be plenty of time for more lectures about the region’s geography, geology, ecology, and conservation biology, and for students to work on their field notes and discuss with the instructors and peers their ideas for their research reports. Depending on time, the ship may stop again briefly in Porto Airao. The ship will continue downriver throughout the night.

Day 10, January 17
The ship will cruise in front of city of Manaus with sights of harbor, fish market, and then to the “Meeting of the Waters” where black waters (darkly stained, acidic) of Rio Negro and white waters (muddy, neutral pH) of the Rio Solimões meet to form the Amazon River. The ship will navigate upstream through channels of the Solimões River to view the varzea forest of the whitewater floodplains, and students will learn about tropical forest ecology. Later in the early evening the motorized canoes will explore a tributary of the Amazon River for an up-close exploration of the remarkable biodiversity of the region.

The ship will return to the pier at the Tropical Hotel Manaus for transport to the airport with flight departing at 12:40 am, January 18, and arriving to Houston during the early morning on the same day.
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
• Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ✓ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
Department of Agricultural Economics
AGEC 223 Establishing Agribusiness Entrepreneurship Networks I

3. Course prefix, number and complete title of course:

4. Catalog course description (not to exceed 50 words):
Introduction to successful entrepreneurs and other professionals, identifying suggested strategies and tactics in starting and sustaining viable rural and metropolitan business ventures; emphasis on importance of and how to develop relationships with a broad spectrum of mentors.

5. Prerequisite(s):
Open to all majors.

Cross-listed with:
Stacked with:

Cross-listed courses require the signature of both department heads.

6. Is this a variable credit course? □ Yes ✓ No
If yes, from _____ to _____

7. Is this a repeatable course? □ Yes ✓ No
If yes, this course may be taken _____ times.

8. Will this course be repeated within the same semester? □ Yes ✓ No

9. Will this course be submitted to the Core Curriculum Council? □ Yes ✓ No

10. How will this course be graded: ✓ Grade □ S/U □ P/F (CLMD)

This course will be:

a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)

b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)

An elective for BS in AGEC, an elective for BS AGBU, an elective for other majors as approved by their advisor(s)

11. If other departments are teaching or are responsible for related subject matter, the course must be coordinated with these departments. Attach approval letters.

12. ✓ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

13. Prefix | Course # | Title (excluding punctuation)

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Level 2

Approval recommended by:

C. Parson

Department Head or Program Chair (Type Name & Sign) Date

Robert Knight
Chair, College Review Committee Date

Kim Dooley
Dean of College Date

Tim Scott
Chair, GC or UCC Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 07/14

RECEIVED
JUL 22 2015
CURRICULAR SERVICES
AGEC 223 – ESTABLISHING AGRIBUSINESS ENTREPRENEURSHIP NETWORKS I

Fall 2015
Section 200 HONORS – Wednesday, 3:00-3:50
Section 500 – Wednesday, 3:00-3:50
HEEP Building (West Campus), room 101

COURSE CREDIT: 1-0 for 1

Instructor: M. Edward Rister
Office: AGLS 211B
Phone: 979-845-3801; 979-255-5211
E-Mail: e-rister@tamu.edu
Office Hours: Tuesday and Friday, during 8:30am – 11:30 by appointment [or see me before or after class to identify another mutually convenient time]

COURSE DESCRIPTION
Provides students an introduction to successful entrepreneurs and other professionals, identifying suggested strategies and tactics in starting and sustaining viable rural and metropolitan business ventures. Emphasis is on importance of, and how to develop, relationships with a broad spectrum of mentors.

PREREQUISITES
Open to all majors.

LEARNING OUTCOMES
1. Students will be able to define what agri/metropolitan entrepreneurship is.
2. Students will be able to recognize opportunities available in agri/metropolitan entrepreneurship.
3. Students will assemble and organize a base foundation of mentors for future reference when starting their own business and/or working in someone else’s business venture.
4. Students will identify the attributes of successful mentors and be able to utilize that information when expanding their mentor network in the future.
5. Students will classify the various types of mentors important for inclusion in their agri/metropolitan entrepreneurship networks.
6. Students will evaluate the core characteristics of successful agri/metropolitan business ventures important for consideration with respect to sustaining a startup or continuing venture.
COURSE OBJECTIVES
The primary objectives of AGEC 223 are to acquaint students with what agri/metropolitan entrepreneurship is and how to proceed in developing a network of mentor experts to assist them throughout their professional careers. Specific course objectives beyond those directly associated with attaining the Learning Outcomes include:
1. Students will develop a rapport with ‘real-world’ agri/metropolitan entrepreneurs and other professionals, augmenting their understanding of managerial issues of importance in attaining success in an agri/metropolitan business venture.
2. Students will begin to appreciate and understand the importance of a management ‘dashboard’ for monitoring and controlling the critical production, marketing, and financial functions of an agri/metropolitan venture.
3. Students will develop and utilize a method for assimilating an agri/metropolitan entrepreneurship network.
4. Students will enhance their listening, writing, oral, and computer skills associated with their engagements with a series of ‘real-world’ “Profs-for-a-Day.”
5. Students will realize their inherent interest in being an entrepreneur.

TEXTBOOK AND RESOURCE MATERIALS
No formal textbook is required. Resource materials include a series of handouts associated with the various ‘real-world’ “Profs-for-a-Day” who will meet with the class during the semester. An example lineup of such speakers is illustrated in the Course Topics and Calendar of activities section.

GRADING POLICIES
Expect your grades to be assigned as follows on the basis of the points you earn during the semester (after credit for bonuses and after deductions for non-professional behavior), with no rounding up of numeric grades nor allowance for any “extra” work.

<table>
<thead>
<tr>
<th>Percentage Points Earned During the Semester</th>
<th>Associated Course Grade</th>
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<tbody>
<tr>
<td>90 and 90+</td>
<td>A</td>
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<tr>
<td>80 – 89.999999</td>
<td>B</td>
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<td>70 - 79.999999</td>
<td>C</td>
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<tr>
<td>60 - 69.999999</td>
<td>D</td>
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<tr>
<td>Below 60</td>
<td>F</td>
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</table>

Each student’s earned letter grade is determined on the basis of weighted points earned during the semester according to the categories and weights noted in the following discussion and remainder of this Syllabus. The instructor and T.As reserve the right to adjust/curve the overall grades at the end of the semester; that is, no individual graded item is curved during the
semester. Students are guaranteed semester grades for AGEC 223 according to the above-specified structure. In the event of an end-of-the-semester adjustment/curve, the instructors may adjust/curve a different amount of points at each grade break, depending on apparent, subjectively-determined, substantial breaks in calculated grades for the class. **As a general rule, DO NOT expect a curve nor ask for one. Also, do not request “extra work” to raise your grade; that is, do the assigned work at the level of competency that will earn you the grade you want in this class.** Also, all assignments and terms of the course are “cast in stone” – do not ask for substitution work in place of assignments you are unable to fulfill; rather, work more diligently on the remaining assignments to make up the points you lost due to not submitting/performing the missed assignment.

Grading Criteria for HONORS Students:
Students seeking to enroll in the AGEC 223 HONORS section are advised they need a 3.5 cumulative GPR and that GPR applies to courses taken ONLY at Texas A&M plus they must be recognized by their department’s Undergraduate Office as an Honors-qualified student. Two separate sets of grading criteria apply to Non-Honors and Honors student, with considerable overlap. In addition to the regular class work required of AGEC 223, the following additional work is required of Honors-enrolled students:

Only Honors students will be required to (a) develop a personal Strengths/Weaknesses, Opportunities/Threats self-assessment, and (b) identify the critical elements of a management ‘dashboard’ associated with an agri/metropolitan business of their choosing. The grades for these additional assignments are incorporated into the “Homework and Quizzes” category of the grading criteria.

There are three basic categories comprising the grading structure of AGEC 223:

1. Basic Overhead Items;
2. Homework and Quizzes; and
3. Final Exam.
The percentage of semester points (the semester total is 100%) for each category and the elements thereof are noted below, with two distinct criteria noted for Non-Honors and Honors students.

<table>
<thead>
<tr>
<th>Basic Overhead Items</th>
<th>Non-Honors</th>
<th>Honors</th>
<th>All</th>
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<tbody>
<tr>
<td>Attendance</td>
<td>25%</td>
<td>25%</td>
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<tr>
<td>Professional Conduct &amp; Class Citizenship</td>
<td>15%</td>
<td>15%</td>
<td></td>
</tr>
<tr>
<td>Attendance and Participation in September 2015 ACE Day</td>
<td>5%</td>
<td>5%</td>
<td>45%</td>
</tr>
<tr>
<td>Homework and Quizzes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speaker Summaries</td>
<td>30%</td>
<td>20%</td>
<td></td>
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<tr>
<td>Personal SWOT</td>
<td>5%</td>
<td></td>
<td></td>
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<tr>
<td>Elements of a Management Dashboard</td>
<td>5%</td>
<td></td>
<td></td>
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<tr>
<td>Speaker Thank-You Notes</td>
<td>5%</td>
<td>5%</td>
<td></td>
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<tr>
<td>Speaker Engagement</td>
<td>5%</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Quizzes</td>
<td>5%</td>
<td>5%</td>
<td>45%</td>
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<tr>
<td>Final Exam</td>
<td>10%</td>
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<td>10%</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
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Note that students enrolled in AGEC 223 will be stacked, in the same classroom, as students enrolled in AGEC 423. While the exposure to the slate of speakers is the same, the grading criteria/expectations for AGEC 223 students will be at a lower level than that accorded AGEC 223 students. In AGEC 223, a greater component of the grade will be associated with attendance (i.e., 25% vs. 10%); a lower (i.e., 5% less) component of the grade will be associated with the speaker summaries, with the students not expected to be as in-depth in their discussions of the speakers’ presentations relative to the students’ individual entrepreneurial aspirations; and the students will have a lesser share of their grade associated with the final exam (i.e., 10% vs. 20%), with the expectation being that their assimilation of the different speakers’ presentations will be at introductory level as exhibited by their association of the speakers’ real-world accomplishments with impacts on their own interests in seeking entrepreneurial business pursuits.

In addition to the details which follow, students are advised to consult University Student Rules [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07) and [http://student-rules.tamu.edu/rule10](http://student-rules.tamu.edu/rule10) for additional information regarding Attendance and Grading.

**Basic Overhead Items.** Professionalism is a major component of AGEC 223. In that regard, each student’s daily, timely attendance, and professionalism in the classroom and instructors’ offices are major components of his/her final grade. Each unexcused absence results in a deduction of 3.33333 points from the student’s calculated final numeric grade prior to determination of the course letter grade. A total of six or more unexcused absences (i.e., approximately 40% of the course) shall result in a course grade of F. Any student having six or more total absences, with less than or equal to two of those absences being unexcused shall qualify for receiving an Incomplete grade, with the coursework to be completed during a subsequent semester. These grading criteria standards are imposed because students missing the stated number of classes, for whatever reason, have essentially missed a significant and substantial part of the class.
Professional Conduct & Class Citizenship (refer to Professional Conduct Rules on next page) includes class participation, class behavior, adhering to class “Sandbox” rules (distributed on the first day of class), and other aspects of the class policies designated in this syllabus. This Syllabus identifies the Structure (expectations) of AGEC 223 professionalism, and your Conduct determines your Performance grade.

The College’s annual Fall and Spring Agricultural Career Exposition (ACE) Days (http://aglifesciences.tamu.edu/students/aceday/) are great opportunities for networking, observing others’ “entrepreneurial” skills and qualities, AND exploring the job market. All students are expected to attend and participate in ACE Day on September 29, 11:00 a.m. - 4:00 p.m., in the MSC Bethancourt Ballroom. Mark your calendar and make arrangements (e.g., trade work shifts – work is not an accepted reason for you not fulfilling this class requirement) to be able to do so. Substitution of another college’s career day event is not allowed for this assignment. There is an assignment for this activity for you to complete during and after your attendance. This assignment will be distributed during mid-September and its submission to the instructor is expected the week following the event.

Professional Conduct Rules (a.k.a. Sandbox Rules). The genesis of this section of the Course Grading Criteria originated while I (Rister) was enrolled (during 1979-1980) in a three-course accounting sequence taught by Dr. Dennis Gaffney of Michigan State University in the Business School (now the Eli Broad College of Business). Dr. Gaffney instilled in us the value of professionalism in all that we do, in and out of the classroom. He had a set of “Sandbox Rules” for our classes and it is to him I credit my classroom management style, strategy, and tactics. My classes are routinely complemented by our numerous guest “prof-for-a-day” speakers and many real-world mentors who work with the students for their professional appearance, engagement skills, and courtesy, all of which I believe are foundations for success in their post-graduation careers; anecdotally, numerous parents have noted their appreciation for these standards of excellence in my classes. The breadth of, and detail, in these Sandbox Rules have evolved during my time in the classroom at Texas A&M University (since June 1981). Drawing on a presentation by Dr. Jeff Conant, professor of marketing in Mays Business School, and Dr. David Reed, Associate Dean in the College of Agriculture and Life Sciences, both here at Texas A&M University, I recognize the challenges of engaging millennial students. Substantial specificity must be presented in terms of my expectations of students, rather than my simply assuming a one-time discussion of such items will accomplish my objectives. As noted by Dr. Conant, the course syllabi is the contract between the students and the instructor. Thus, it is essential that this syllabus be comprehensive in regards to the details of course grading criteria. With regards to professionalism in the classroom, I am a firm believer in the “Structure, Conduct, and Performance” paradigm. These “Sandbox Rules” represent the Structure of desired Conduct in AGEC 223. Knowing this information, it is expected students’ Performance will not only meet but surpass these standards. As incentives for doing so, a substantial component of AGEC 223 grading criteria is associated with students’ attainment of these behavioral standards. Be professional, Aggies!

In terms of implementing these Sandbox Rules, just as instructors are required to post the course syllabi prior to the beginning of class and review that syllabi with students during the first day of
class, it is my expectation that students will read the syllabus. The first day of class is a “day of grace,” with no grade deductions registered for transgressions/violations prior to the Sandbox Rules having been explicitly identified, the underlying rationale of the expectations explained, and the value/cost of meeting the noted standards identified. To the latter point, the 15% grade accorded the Professional Conduct & Class Citizenship category is affected by a 1% point deduction off of the overall semester numeric grade for each noted violation of the Sandbox Rules up to a total possible loss of 12%, with the remaining 3% of the category’s grade subjectively determined by a composite evaluation of the instructor (50% of the grade) and the three student assistants (in the aggregate, they determine the remaining 50% of the 3%). In reference to the subjective grading aspect of the category, the instructors’ focus is on students’ personal interactions with them in and out of the classroom and the numerous guest speakers and mentors who join us in the classroom and for evening dinner meetings.

Think of and approach coming to class as if you were going to a daily management meeting. As such, we will follow a set of rules and business etiquette that is similar to what you will encounter in the professional world, including these AGEC 223 “Sandbox Rules.” There are no exceptions to these rules. No additional rules will be added during the semester.

✔ Adhere to the Aggie Honor Code at all times;
❌ No food or drink (including alcohol and water) in lecture or at help sessions;
❌ No tobacco products in lecture or at help sessions – no exceptions, please;
❌ No profanity during lecture or at help sessions;
❌ No cellular telephones, beepers, iPods, iPads, computer laptops (including during the presence of a guest “Prof-for-a-Day” in our class), or other electronic devices are to be used during lecture or at help sessions (this means no texting, voice mail, outgoing calls, answering calls, ringing of your telephone, etc.);
❌ No pets (e.g., dogs, cats, snakes, mice, birds, etc.) in lecture or at help sessions (see instructors for exceptions for guide dogs & other companion aid animals);
❌ No reading of The Battalion or other non-class materials during class time;
❌ Programmable calculators MAY NOT BE USED during exams (in fact, use of calculators in AGEC 223 is discouraged at all times – use Excel!);
❌ HATS, CAPS AND OTHER HEAD COVERS OFF (APPLIES TO BOTH MEN AND WOMEN) DURING LECTURE, HELP SESSIONS, in instructors’ offices, and in the TAs’ offices – NOTE: exceptions will be made for religious beliefs situations;
❌ SUNGLASSES OFF (totally – do not prop on top of your head; same for regular glasses when not being used for reading) (APPLIES TO BOTH MEN AND WOMEN) DURING LECTURE, HELP SESSIONS, in instructors’ offices, and in the TAs’ offices;
❌ NO INSTANT MESSAGING (or Text or Twittering or FaceBook, etc.), E-MAILING, OR INTERNET ACTIVITY OF ANY KIND BESIDE AGEC 223 CLASSWORK IS ALLOWED DURING CLASS TIME;
❌ DO NOT use a computer or any other electronic device during the presence of a guest “Prof-for-a-Day” in our class;
❌ DO NOT use the computer or any other electronic device while the instructors are lecturing, unless explicitly told to do so – take handwritten notes instead;
Call or e-mail in advance of missing a class (not a requirement, but this is the instructors’ preference – your professionalism will be rewarded);

Adhere to all announced and posted Microcomputer Lab procedures during help sessions;

Clean up and remove your “trash” as you leave lecture; better yet, pick up others’ “trash” and also remove it from the classroom as you leave the room. Set an example for others and leave the classrooms in as good, or better, appearance than when we arrived (as posted in several Rudy’s BBQ restaurants located throughout Texas, “Your mother is not here. Please clean up your own mess.”); and

Bottomline, be professional and courteous to all. Remember why you and your classmates are here – to learn, to network, and to prepare for the future.

Homework and Quizzes. Students are expected to develop a summary for each “Prof-for-a-Day” speaker using a WORD template provided by the instructor. These summaries are to be submitted electronically within one week of the presentation using eCampus – no hard copies or e-mailed versions accepted. The speaker summaries are graded according to content (50%), grammar (30%), and spelling (20%); no late submissions are accepted. Personal handwritten thank-you notes are expected for each speaker within one week of the presentation and will be graded according to content (50%), grammar (30%), and spelling (20%). Professional thank-you card materials are required (i.e., typed or handwritten notes on notebook paper and use of letter-size envelopes are unacceptable). A recommended format and examples of acceptable thank-you notes will be distributed on the first day of class. Random quizzes regarding the “Prof-for-a-Day” presentations will be administered.

Makeup Policy. No late submissions are accepted – for unexcused absences, grades of zero are assigned. In the case of documented excused absences, students are allowed to choose one of the following two options on the first day they return to class (at which time they are expected to present their documentation identifying the absence(s) as excused):

a. An alternative assignment will be made to the student and is expected to be submitted within one month prior to or at the final exam period, whichever date comes first; or

b. The student may show up in a classroom at 7:00 a.m. on the next Friday (i.e., this is the announced date and time of a weekly scheduled makeup period for all of the instructor’s classes) at a location to be determined given the instructor’s 8:00 a.m. teaching responsibilities and take a quiz related to material covered in class during the student’s absence, with the instructor’s expectation being that the student will have talked with classmates to assimilate and learn the material missed during his/her absence.

Difference choices among these two options may be made by the student for each excused absence.

Final Exam. The Final Exam is scheduled for Tuesday, December 15, 2015, 10:30 a.m. to 12:30 p.m. (mark your calendar!). The focus of the final exam is on the content of the weekly presentations by the guest ‘real-world’ “Profs-for-a-Day,” with the students expected to be able to assimilate and synthesize that content into concise, articulate summaries related to the various themes identified and emphasized during the semester.
AMERICANS WITH DISABILITIES ACT (ADA) POLICY STATEMENT
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu

If you have any question in regards to this issue, please speak to me early in the semester – do not hesitate to contact me – do NOT wait until the time of or after the first grade of the semester – contact me well before that time.

COURSE TOPICS, CALENDARS OF ACTIVITIES, AND MAJOR ASSIGNMENT DATES

Major dates of importance to place on your calendar at the beginning of the semester include those identified on the following page. As noted previously, speaker summaries and thank you notes are due within one week of the “Prof-for-a-Day’s” presentation. The slate of speakers identified is both illustrative and tentative, with the exact speaker identities and timing to be determined during the summer of 2015. All class dates, except that for the final exam (which is on a Tuesday), are on Wednesday.

MISCELLANEOUS

If you have any questions, give me a call. Call me in this order: C:979.255.5211 or O:979.845.3801 or H:979.690.0180. Please call between 6:30 a.m. and 7:30 p.m.; be sure and leave a message and your name if I do not answer.

Also, be sure and include AGEC 223 and your name in the subject line of all e-mails you send me. Be sure and flag your e-mail with the word QUESTION in the subject line when you are needing a response – otherwise, it may get lost in the shuffle for a few days.

Come to class the first week prepared to take notes (i.e., bring some paper and one or more pens and pencils). Taking notes and reviewing those notes with your classmates are strongly encouraged. As a general rule, most information presented is not repeated.

Congratulations on being in our class! Your TAs and I are looking forward to a great semester and year. Thanks.

Gig ’em,

Ed Rister ’74
Professor, and Associate Head
The M. Edward Rister ’74 Chair in Rural Entrepreneurship,
Dept. of Agricultural Economics
Texas A&M University
2124 TAMUS (this line is required on all correspondence)
College Station, TX 77843-2124
<table>
<thead>
<tr>
<th>Date</th>
<th>Class Day Nbr</th>
<th>Name of Prof-for-a-Day</th>
<th>Business</th>
<th>Location</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Sep</td>
<td>1</td>
<td>RISTER</td>
<td>n/a</td>
<td>n/a</td>
<td>Course Semantics</td>
</tr>
<tr>
<td>9-Sep</td>
<td>2</td>
<td>Benjamin Knox</td>
<td>Benjamin Knox Gallery</td>
<td>College Station</td>
<td>Entrepreneurship -- Establishing and Growing Your Business</td>
</tr>
<tr>
<td>16-Sep</td>
<td>3</td>
<td>Bill Corrigan</td>
<td>Corrigan-Goddard Family Investments</td>
<td>Dallas</td>
<td>Entrepreneurs' Family- and Self-Responsibilities</td>
</tr>
<tr>
<td>23-Sep</td>
<td>4</td>
<td>Bryan Bracewell</td>
<td>Southside Market and BBQ</td>
<td>Elgin</td>
<td>Entrepreneur -- Family Business</td>
</tr>
<tr>
<td>30-Sep</td>
<td>5</td>
<td>Jim Pillans</td>
<td>Brazos Valley SBDC</td>
<td>BCS</td>
<td>Planning for Your Business' Success</td>
</tr>
<tr>
<td>7-Oct</td>
<td>6</td>
<td>Don Sullins</td>
<td>Archer Daniels Midland Milling Company</td>
<td>Colleyville</td>
<td>Succeeding As An Entrepreneur in the Corporate World</td>
</tr>
<tr>
<td>14-Oct</td>
<td>7</td>
<td>Steve Cooper</td>
<td>Cooper Enterprises</td>
<td>El Campo</td>
<td>Entrepreneurship -- Identifying Your Opportunities</td>
</tr>
<tr>
<td>21-Oct</td>
<td>8</td>
<td>Paul Burrough</td>
<td>National Finance Credit Corp. of Texas</td>
<td>Fort Worth</td>
<td>Financing Considerations</td>
</tr>
<tr>
<td>28-Oct</td>
<td>9</td>
<td>Terri Neutzler</td>
<td>The Pink Zebra</td>
<td>College Station</td>
<td>Marketing &amp; Employee Management</td>
</tr>
<tr>
<td>4-Nov</td>
<td>10</td>
<td>Michael Yamada</td>
<td>Harley’s</td>
<td>College Station</td>
<td>Entrepreneurship -- Retail Niche Survival</td>
</tr>
<tr>
<td>11-Nov</td>
<td>11</td>
<td>Ted Abele</td>
<td>Conapco</td>
<td>Kansas City, MO</td>
<td>Investment Entrepreneurship</td>
</tr>
<tr>
<td>18-Nov</td>
<td>12</td>
<td>Jim Astin</td>
<td>First Bank Texas</td>
<td>Stamford, TX</td>
<td>Financing Considerations</td>
</tr>
<tr>
<td>25-Nov</td>
<td>Reading Day – No Classes</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>2-Dec</td>
<td>13</td>
<td>Joe &amp; Shirley Swinbank</td>
<td>Swinbank Companies &amp; Yorkshire Academy</td>
<td>Houston</td>
<td>The Spirit of Being an Entrepreneur</td>
</tr>
<tr>
<td>9-Dec</td>
<td>14</td>
<td>Patrick Williams</td>
<td>Texas A&amp;M Foundation</td>
<td>College Station</td>
<td>Who Are You?</td>
</tr>
<tr>
<td>15-Dec</td>
<td>FINAL EXAM</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ACADEMIC INTEGRITY

Scholastic Honesty.  A note on cheating -- **it is not tolerated!**  If you are caught in the act, you will automatically receive a zero on the work in question.  Your instructor will then proceed in completing the Honor Code Violation Report form and report you, through the Department of Agricultural Economics Undergraduate Office and Department Head, to the Aggie Honor System Office.

For many years Aggies have followed a Code of Honor, which is stated in this very simple statement:

*An Aggie does not lie, cheat or steal, or tolerate those who do.*

The Aggie Code of Honor is an effort to unify the aims of all Texas A&M men and women toward a high code of ethics and personal dignity.  For most, living under this code will be no problem, as it asks nothing of a person that is beyond reason.  It only calls for honesty and integrity, characteristics that Aggies have always exemplified.

The Aggie Code of Honor functions as a symbol to all Aggies, promoting understanding and loyalty to truth and confidence in each other.

For additional information, please visit: [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu)

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On all AGEC 223 course work, assignments, and examinations at Texas A&M University, unless otherwise specified at the time of the assignment/exam, the following Honor Pledge will be preprinted, to be completed and signed by the student:

> “On my honor, as an Aggie, I have neither given nor received unauthorized aid on this academic work.”

____________________  ______________________
Student’s Signature            Date

____________________  ______________________
Student’s Printed Name            UIN

> “An Aggie does not lie, cheat, or steal, or tolerate those who do.”
Texas A&M University
Departmental Request for a New Course
Undergraduate • Graduate • Professional
Submit original form and attach a course syllabus.

Form Instructions

1. Course request type: ☑ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Department of Agricultural Economics

3. Course prefix, number and complete title of course:
   AGEC 423 Establishing Agribusiness Entrepreneurship Networks II

4. Catalog course description (not to exceed 50 words):
   Engagement opportunities with successful agri/metropolitan entrepreneurs and other professionals, focusing on strategies and tactics for starting and sustaining viable rural and metropolitan business ventures; emphasis on importance of, and how to, develop relationships with a broad spectrum of mentors.

5. Prerequisite(s):
   Concurrent enrollment in AGEC 424; junior or senior classification or approval of instructor. May not enroll in AGEC 223 and AGEC 423 during the same semester.

6. Cross-listed with:
   Stacked with:
   Cross-listed courses require the signature of both department heads.

7. Is this a variable credit course? □ Yes ☑ No
   If yes, from _____ to _____

8. Is this a repeatable course? □ Yes ☑ No
   If yes, this course may be taken _____ times.

9. Will this course be repeated within the same semester? □ Yes ☑ No

10. Will this course be submitted to the Core Curriculum Council?
    □ Yes ☑ No

11. How will this course be graded?
    □ Grade ☑ S/U ☑ P/F (CLMD)

12. This course will be:
    a. required for students enrolled in the following degree program(s) (e.g., B.A. in history)
    b. an elective for students enrolled in the following degree program(s) (e.g., M.S., Ph.D. in geography)
   An elective for BS in AGEC, an elective for BS AGBU, an elective for other majors as approved by their advisor(s)

13. Prefix | Course # | Title (excluding punctuation)
   AGEC 423 | Est AGBU Entre Netwks II

   Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code
   1.00 | 0.00 | 1.00 | 0101020005 | 0140 | 16 | 17 | 0 | 0 | 3 | 6 | 3 | 2

   Approval recommended by:
   C. Parr Rosson
   Department Head or Program Chair

   Robert Knight
   Chair, College Review Committee
   Tim Scott
   Chair, GC or UCC

   Tam Dooley
   Dean of College

   Tim Scott
   Chair, GC or UCC

   Date:
   7/14/15
   7/11/15
   7/14/15
   7/14/15

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 07/14
COURSE CREDIT: 1-0 for 1

Instructor: M. Edward Rister  
Office: AGLS 211B  
Phone: 979-845-3801; 979-255-5211  
E-Mail: e-rister@tamu.edu  
Office Hours: Tuesday and Friday, during 8:30am – 11:30 by appointment [or see me before or after class to identify another mutually convenient time]

COURSE DESCRIPTION
Provides students engagement opportunities with successful agri/metropolitan entrepreneurs and other professionals, focusing on strategies and tactics for starting and sustaining viable rural and metropolitan business ventures. Emphasis is on importance of, and how to develop, relationships with a broad spectrum of mentors.

PREREQUISITES
Must be concurrently enrolled in AGEC 424, “Rural Entrepreneurship I.” May not enroll in both AGEC 223 and AGEC 423 during the same semester. Junior or senior classification or approval of instructor.

LEARNING OUTCOMES
1. Students will be able to define what agri/metropolitan entrepreneurship is.  
2. Students will be able to recognize opportunities available in agri/metropolitan entrepreneurship.  
3. Students will assemble, extend, and organize a base foundation of mentors for future reference when starting their own business venture and/or working in someone else’s business venture.  
4. Students will identify the attributes of successful mentors and be able to utilize that information when expanding their mentor network in the future.  
5. Students will classify the various types of mentors important for inclusion in their agri/metropolitan entrepreneurship networks.  
6. Students will evaluate the core characteristics of successful agri/metropolitan business ventures important for consideration with respect to sustaining a startup or continuing venture.
COURSE OBJECTIVES

The primary objectives of AGEC 423 are to acquaint students with what agri/metropolitan entrepreneurship is and how to proceed in developing a network of mentor experts to assist them throughout their professional careers. Specific course objectives beyond those directly associated with attaining the Learning Outcomes include:

1. Students will establish a rapport with ‘real-world’ agri/metropolitan entrepreneurs and other professionals, thereby providing a mechanism for enhancing their understanding of managerial issues of importance in attaining success in an agri/metropolitan venture.
2. Students will realize the importance of a management ‘dashboard’ for monitoring and controlling the critical production, marketing, and financial functions of an agri/metropolitan venture.
3. Students will refine their approach to assimilating an agri/metropolitan entrepreneurship network.
4. Students will enhance their listening, writing, oral, and computer skills associated with their engagements with a series of ‘real-world’ “Profs-for-a-Day.”
5. Students will review, reflect on, and realize their inherent interest in being an entrepreneur.

TEXTBOOK AND RESOURCE MATERIALS

No formal textbook is required. Resource materials include a series of handouts associated with the various ‘real-world’ “Profs-for-a-Day” who will meet with the class during the semester. An example lineup of such speakers is illustrated in the Course Topics and Calendar of activities section.

GRADING POLICIES

Expect your grades to be assigned as follows on the basis of the points you earn during the semester (after credit for bonuses and after deductions for non-professional behavior), with no rounding up of numeric grades nor allowance for any “extra” work.

<table>
<thead>
<tr>
<th>Percentage Points Earned During the Semester</th>
<th>Associated Course Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 and 90+</td>
<td>A</td>
</tr>
<tr>
<td>80 – 89.9999999</td>
<td>B</td>
</tr>
<tr>
<td>70 - 79.9999999</td>
<td>C</td>
</tr>
<tr>
<td>60 - 69.9999999</td>
<td>D</td>
</tr>
<tr>
<td>Below 60</td>
<td>F</td>
</tr>
</tbody>
</table>

Each student’s earned letter grade is determined on the basis of weighted points earned during the semester according to the categories and weights noted in the following discussion and remainder of this Syllabus. The instructor and TAs reserve the right to adjust/curve the overall grades at the end
of the semester; that is, no individual graded item is curved during the semester. Students are guaranteed semester grades for AGEC 423 according to the specified structure. In the event of an end-of-the-semester adjustment/curve, the instructors may adjust/curve a different amount of points at each grade break, depending on apparent, subjectively-determined, substantial breaks in calculated grades for the class. As a general rule, DO NOT expect a curve nor ask for one. Also, do not request “extra work” to raise your grade; that is, do the assigned work at the level of competency that will earn you the grade you want in this class. Also, all assignments and terms of the course are “cast in stone” – do not ask for substitution work in place of assignments you are unable to fulfill; rather, work more diligently on the remaining assignments to make up the points you lost due to not submitting/performing the missed assignment.

Grading Criteria for HONORS Students:
Students seeking to enroll in the AGEC 423 HONORS section are advised they need a 3.5 cumulative GPR and that GPR applies to courses taken ONLY at Texas A&M plus they must be recognized by their department’s Undergraduate Office as an Honors-qualified student. Two separate sets of grading criteria apply to Non-Honors and Honors student, with considerable overlap. In addition to the regular class work required of AGEC 423, the following additional work is required of Honors-enrolled students:

Only Honors students will be required to (a) develop a personal Strengths/Weaknesses, Opportunities/Threats self-assessment, and (b) identify the critical elements of a management ‘dashboard’ associated with an agri/metropolitan business of their choosing. The grades for these additional assignments are incorporated into the “Homework and Quizzes” category of the grading criteria.

There are three basic categories comprising the grading structure of AGEC 423:
1. Basic Overhead Items;
2. Homework and Quizzes; and
3. Final Exam.
The percentage of semester points (the semester total is 100%) for each category and the elements thereof are noted below, with two distinct criteria noted for Non-Honors and Honors students.

<table>
<thead>
<tr>
<th>Basic Overhead Items</th>
<th>Non-Honors</th>
<th>Honors</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>10%</td>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Professional Conduct &amp; Class Citizenship</td>
<td>15%</td>
<td>15%</td>
<td></td>
</tr>
<tr>
<td>Attendance and Participation in September 2015 ACE Day <a href="http://aceday.tamu.edu/">http://aceday.tamu.edu/</a></td>
<td>5%</td>
<td>5%</td>
<td>30%</td>
</tr>
<tr>
<td>Homework and Quizzes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Speaker Summaries</td>
<td>35%</td>
<td>25%</td>
<td></td>
</tr>
<tr>
<td>Personal SWOT</td>
<td></td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Elements of a Management Dashboard</td>
<td></td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Speaker Thank-You Notes</td>
<td>5%</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Speaker Engagement</td>
<td>5%</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Quizzes</td>
<td>5%</td>
<td>5%</td>
<td>50%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>20%</strong></td>
<td><strong>20%</strong></td>
<td><strong>20%</strong></td>
</tr>
</tbody>
</table>

Note that students enrolled in AGEC 423 will be stacked, in the same classroom, as students enrolled in AGEC 223. While the exposure to the slate of speakers is the same, the grading criteria/expectations for AGEC 423 students will be at a higher level than that accorded AGEC 223 students. In AGEC 423, a lesser component of the grade will be associated with attendance (i.e., 10% vs. 25%); a higher (i.e., an increase of 5%) component of the grade will be associated with the speaker summaries, with the students expected to be more in-depth in their discussions of the speakers’ presentations relative to the students’ individual entrepreneurial aspirations; and the students will have a greater share of their grade associated with the final exam (i.e., 20% vs. 10%), with the expectation being that their assimilation of the different speakers’ presentations will be at a higher cognitive level as exhibited by their association of the speakers’ real-world accomplishments with established elements of entrepreneurship success.

In addition to the details which follow, students are advised to consult University Student Rules [http://student-rules.tamu.edu/rule07](http://student-rules.tamu.edu/rule07) and [http://student-rules.tamu.edu/rule10](http://student-rules.tamu.edu/rule10) for additional information regarding Attendance and Grading.

**Basic Overhead Items.** Professionalism is a major component of AGEC 423. In that regard, each student’s daily, timely attendance, and professionalism in the classroom and instructors’ offices are major components of his/her final grade. Each unexcused absence results in a deduction of 3.333333 points from the student’s calculated final numeric grade prior to determination of the course letter grade. A total of six or more unexcused absences (i.e., approximately 40% of the course) shall result in a course grade of F. Any student having six or more total absences, with less than or equal to two
of those absences being unexcused shall qualify for receiving an Incomplete grade, with the coursework to be completed during a subsequent semester. These grading criteria standards are imposed because students missing the stated number of classes, for whatever reason, have essentially missed a significant and substantial part of the class.

Professional Conduct & Class Citizenship (refer to Professional Conduct Rules on next page) includes class participation, class behavior, adhering to class “Sandbox” rules (distributed on the first day of class), and other aspects of the class policies designated in this syllabus. This Syllabus identifies the Structure (expectations) of AGEC 423 professionalism, and your Conduct determines your Performance grade.

The College’s annual Fall and Spring Agricultural Career Exposition (ACE) Days (http://aglifesciences.tamu.edu/ students/aceday/) are great opportunities for networking, observing others’ “entrepreneurial” skills and qualities, AND exploring the job market. All students are expected to attend and participate in ACE Day on September 29, 11:00 a.m. - 4:00 p.m., in the MSC Bethancourt Ballroom. Mark your calendar and make arrangements (e.g., trade work shifts – work is not an accepted reason for you not fulfilling this class requirement) to be able to do so. Substitution of another college’s career day event is not allowed for this assignment. There is an assignment for this activity for you to complete during and after your attendance. This assignment will be distributed during mid-September and its submission to the instructor is expected the week following the event.

Professional Conduct Rules (a.k.a. Sandbox Rules). The genesis of this section of the Course Grading Criteria originated while I (Rister) was enrolled (during 1979-1980) in a three-course accounting sequence taught by Dr. Dennis Gaffney of Michigan State University in the Business School (now the Eli Broad College of Business). Dr. Gaffney instilled in us the value of professionalism in all that we do, in and out of the classroom. He had a set of “Sandbox Rules” for our classes and it is to him I credit my classroom management style, strategy, and tactics. My classes are routinely complemented by our numerous guest “prof-for-a-day” speakers and many real-world mentors who work with the students for their professional appearance, engagement skills, and courtesy, all of which I believe are foundations for success in their post-graduation careers; anecdotally, numerous parents have noted their appreciation for these standards of excellence in my classes. The breadth of, and detail, in these Sandbox Rules have evolved during my time in the classroom at Texas A&M University (since June 1981). Drawing on a presentation by Dr. Jeff Conant, professor of marketing in Mays Business School, and Dr. David Reed, Associate Dean in the College of Agriculture and Life Sciences, both here at Texas A&M University, I recognize the challenges of engaging millennial students. Substantial specificity must be presented in terms of my expectations of students, rather than my simply assuming a one-time discussion of such items will accomplish my objectives. As noted by Dr. Conant, the course syllabi is the contract between the students and the instructor. Thus, it is essential that this syllabus be comprehensive in regards to the details of course grading criteria. With regards to professionalism in the classroom, I am a firm believer in the “Structure, Conduct, and Performance” paradigm. These “Sandbox Rules” represent the Structure of desired Conduct in AGEC 423. Knowing this information, it is expected students’
Performance will not only meet but surpass these standards. As incentives for doing so, a substantial component of AGEC 423 grading criteria is associated with students’ attainment of these behavioral standards. Be professional, Aggies!

In terms of implementing these Sandbox Rules, just as instructors are required to post the course syllabi prior to the beginning of class and review that syllabi with students during the first day of class, it is my expectation that students will read the syllabus. The first day of class is a “day of grace,” with no grade deductions registered for transgressions/violations prior to the Sandbox Rules having been explicitly identified, the underlying rationale of the expectations explained, and the value/cost of meeting the noted standards identified. To the latter point, the 15% grade accorded the Professional Conduct & Class Citizenship category is affected by a 1% point deduction off of the overall semester numeric grade for each noted violation of the Sandbox Rules up to a total possible loss of 12%, with the remaining 3% of the category’s grade subjectively determined by a composite evaluation of the instructor (50% of the grade) and the three student assistants (in the aggregate, they determine the remaining 50% of the 3%). In reference to the subjective grading aspect of the category, the instructors’ focus is on students’ personal interactions with them in and out of the classroom and the numerous guest speakers and mentors who join us in the classroom and for evening dinner meetings.

Think of and approach coming to class as if you were going to a daily management meeting. As such, we will follow a set of rules and business etiquette that is similar to what you will encounter in the professional world, including these AGEC 423 “Sandbox Rules.” There are no exceptions to these rules. No additional rules will be added during the semester.

- Adhere to the Aggie Honor Code at all times;
- No food or drink (including alcohol and water) in lecture or at help sessions;
- No tobacco products in lecture or at help sessions – no exceptions, please;
- No profanity during lecture or at help sessions;
- No cellular telephones, beepers, iPods, iPads, computer laptops (including during the presence of a guest “Prof-for-a-Day” in our class), or other electronic devices are to be used during lecture or at help sessions (this means no texting, voice mail, outgoing calls, answering calls, ringing of your telephone, etc.);
- No pets (e.g., dogs, cats, snakes, mice, birds, etc.) in lecture or at help sessions (see instructors for exceptions for guide dogs & other companion aid animals);
- No reading of The Battalion or other non-class materials during class time;
- Programmable calculators MAY NOT BE USED during exams (in fact, use of calculators in AGEC 423 is discouraged at all times – use Excel!);
- HATS, CAPS AND OTHER HEAD COVERS OFF (APPLIES TO BOTH MEN AND WOMEN) DURING LECTURE, HELP SESSIONS, in instructors’ offices, and in the TAs’ offices – NOTE: exceptions will be made for religious beliefs situations;
- SUNGLASSES OFF (totally – do not prop on top of your head; same for regular glasses when not being used for reading) (APPLIES TO BOTH MEN AND WOMEN) DURING LECTURE, HELP SESSIONS, in instructors’ offices, and in the TAs’ offices;
No Instant Messaging (or Text or Twittering or FaceBook, etc.), E-mailing, or Internet activity of any kind beside AGEC 423 classwork is allowed during class time; 

Do not use a computer or any other electronic device during the presence of a guest “Prof-for-a-Day” in our class; 

Do not use the computer or any other electronic device while the instructors are lecturing, unless explicitly told to do so – take handwritten notes instead; 

Call or e-mail in advance of missing a class (not a requirement, but this is the instructors’ preference – your professionalism will be rewarded); 

Adhere to all announced and posted Microcomputer Lab procedures during help sessions; 

Clean up and remove your “trash” as you leave lecture; better yet, pick up others’ “trash” and also remove it from the classroom as you leave the room. Set an example for others and leave the classrooms in as good, or better, appearance than when we arrived (as posted in several Rudy’s BBQ restaurants located throughout Texas, “Your mother is not here. Please clean up your own mess”); and 

Bottomline, be professional and courteous to all. Remember why you and your classmates are here – to learn, to network, and to prepare for the future.

Homework and Quizzes. Students are expected to develop a summary for each “Prof-for-a-Day” speaker using a WORD template provided by the instructor. These summaries are to be submitted electronically within one week of the presentation using eCampus – no hard copies or e-mailed versions accepted. The speaker summaries are graded according to content (50%), grammar (30%), and spelling (20%); no late submissions are accepted. Personal handwritten thank-you notes are expected for each speaker within one week of the presentation and will be graded according to content (50%), grammar (30%), and spelling (20%); no late submissions are accepted – in the case of excused absences, those assignments are disregarded during grade calculations and for unexcused absences, grades of zero are assigned. Professional thank-you card materials are required (i.e., typed or handwritten notes on notebook paper and use of letter-size envelopes are unacceptable). A recommended format and examples of acceptable thank-you notes will be distributed on the first day of class. Random quizzes regarding the “Prof-for-a-Day” presentations will be administered.

Makeup Policy. No late submissions are accepted – for unexcused absences, grades of zero are assigned. In the case of documented excused absences, students are allowed to choose one of the following two options on the first day they return to class (at which time they are expected to present their documentation identifying the absence(s) as excused):

a. An alternative assignment will be made to the student and is expected to be submitted within one month prior to or at the final exam period, whichever date comes first; or
b. The student may show up in a classroom at 7:00 a.m. on the next Friday (i.e., this is the announced date and time of a weekly scheduled makeup period for all of the instructor’s classes) at a location to be determined given the instructor’s 8:00 a.m. teaching responsibilities and take a quiz related to material covered in class during the student’s absence, with the instructor’s expectation being that the student will have talked with classmates to assimilate and learn the material missed during his/her absence.
Difference choices among these two options may be made by the student for each excused absence.

**Final Exam.** The Final Exam is scheduled for Tuesday, December 15, 2015, 10:30 a.m. to 12:30 p.m. (mark your calendar!). The focus of the final exam is on the content of the weekly presentations by the guest ‘real-world’ “Profs-for-a-Day,” with the students expected to be able to assimilate and synthesize that content into concise, articulate summaries related to the various themes identified and emphasized during the semester.

**AMERICANS WITH DISABILITIES ACT (ADA) POLICY STATEMENT**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Disability Services, in Cain Hall, Room B118, or call 845-1637. For additional information visit http://disability.tamu.edu

If you have any question in regards to this issue, please speak to me early in the semester – do not hesitate to contact me – do NOT wait until the time of or after the first grade of the semester – contact me well before that time.

**MISCELLANEOUS**

If you have any questions, give me a call. Call me in this order: C:979.255.5211 or O:979.845.3801 or H:979.690.0180. Please call between 6:30 a.m. and 7:30 p.m.; be sure and leave a message and your name if I do not answer.

Also, be sure and include AGEC 423 and your name in the subject line of all e-mails you send me. Be sure and flag your e-mail with the word QUESTION in the subject line when you are needing a response – otherwise, it may get lost in the shuffle for a few days.

Come to class the first week prepared to take notes (i.e., bring some paper and one or more pens and pencils). Taking notes and reviewing those notes with your classmates are strongly encouraged. As a general rule, most information presented is not repeated.

Congratulations on being in our class! Your TAs and I are looking forward to a great semester and year. Thanks.

Gig ‘em,

Ed Rister ‘74
Professor and Associate Head
The M. Edward Rister ‘74 Chair in Rural Entrepreneurship,
Dept. of Agricultural Economics
Texas A&M University
2124 TAMUS (this line is required on all correspondence)
College Station, TX 77843-2124
COURSE TOPICS, CALENDARS OF ACTIVITIES, AND MAJOR ASSIGNMENT DATES

Major dates of importance to place on your calendar at the beginning of the semester include those identified in the following table. As noted previously, speaker summaries and thank you notes are due within one week of the “Prof-for-a-Day’s” presentation. The slate of speakers identified is both illustrative and tentative, with the exact speaker identities and timing to be determined during the summer of 2015. All class dates, except that for the final exam (which is on a Tuesday), are on Wednesday.

<table>
<thead>
<tr>
<th>Date</th>
<th>Class Day Nbr</th>
<th>Name of Prof-for-a-Day</th>
<th>Business</th>
<th>Location</th>
<th>Topic</th>
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<tr>
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<td>RISTER</td>
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<td>n/a</td>
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<td>9-Sep</td>
<td>2</td>
<td>Benjamin Knox</td>
<td>Benjamin Knox Gallery</td>
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<td>Entrepreneurship -- Establishing and Growing Your Business</td>
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<tr>
<td>16-Sep</td>
<td>3</td>
<td>Bill Corrigan</td>
<td>Corrigan-Goddard Family</td>
<td>Dallas</td>
<td>Entrepreneurs' Family- and Self-Responsibilities</td>
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<tr>
<td>23-Sep</td>
<td>4</td>
<td>Bryan Braceywell</td>
<td>Southside Market and BBQ</td>
<td>Elgin</td>
<td>Entrepreneur -- Family Business</td>
</tr>
<tr>
<td>30-Sep</td>
<td>5</td>
<td>Jim Pillans</td>
<td>Brazos Valley SBDC</td>
<td>BCS</td>
<td>Planning for Your Business’ Success</td>
</tr>
<tr>
<td>7-Oct</td>
<td>6</td>
<td>Don Sullins</td>
<td>Archer Daniels Midland</td>
<td>Colleyville</td>
<td>Succeeding As An Entrepreneur in the Corporate World</td>
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<tr>
<td>14-Oct</td>
<td>7</td>
<td>Steve Cooper</td>
<td>Cooper Enterprises</td>
<td>El Campo</td>
<td>Entrepreneurship -- Identifying Your Opportunities</td>
</tr>
<tr>
<td>21-Oct</td>
<td>8</td>
<td>Paul Burrough</td>
<td>National Finance Credit Corp. of Texas</td>
<td>Fort Worth</td>
<td>Financing Considerations</td>
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<tr>
<td>28-Oct</td>
<td>9</td>
<td>Terri Neutzler</td>
<td>The Pink Zebra</td>
<td>College Station</td>
<td>Marketing &amp; Employee Management</td>
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<tr>
<td>4-Nov</td>
<td>10</td>
<td>Michael Yamada</td>
<td>Harley’s</td>
<td>College Station</td>
<td>Entrepreneurship -- Retail Niche Survival</td>
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<tr>
<td>11-Nov</td>
<td>11</td>
<td>Ted Abele</td>
<td>Conapco</td>
<td>Kansas City, MO</td>
<td>Investment Entrepreneurship</td>
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<tr>
<td>18-Nov</td>
<td>12</td>
<td>Jim Astin</td>
<td>First Bank Texas</td>
<td>Stamford, TX</td>
<td>Financing Considerations</td>
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<td>Reading Day – No Classes</td>
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<td>n/a</td>
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<td>2-Dec</td>
<td>13</td>
<td>Joe &amp; Shirley Swinbank</td>
<td>Swinbank Companies &amp; Yorkshire Academy</td>
<td>Houston</td>
<td>The Spirit of Being an Entrepreneur</td>
</tr>
<tr>
<td>9-Dec</td>
<td>14</td>
<td>Patrick Williams</td>
<td>Texas A&amp;M Foundation</td>
<td>College Station</td>
<td>Who Are You?</td>
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<td>15-Dec</td>
<td></td>
<td>FINAL EXAM</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ACADEMIC INTEGRITY

Scholastic Honesty. A note on cheating – it is not tolerated! If you are caught in the act, you will automatically receive a zero on the work in question. Your instructor will then proceed in completing the Honor Code Violation Report form and report you, through the Department of Agricultural Economics Undergraduate Office and Department Head, to the Aggie Honor System Office.

For many years Aggies have followed a Code of Honor, which is stated in this very simple statement:

*An Aggie does not lie, cheat or steal, or tolerate those who do.*

The Aggie Code of Honor is an effort to unify the aims of all Texas A&M men and women toward a high code of ethics and personal dignity. For most, living under this code will be no problem, as it asks nothing of a person that is beyond reason. It only calls for honesty and integrity, characteristics that Aggies have always exemplified.

The Aggie Code of Honor functions as a symbol to all Aggies, promoting understanding and loyalty to truth and confidence in each other.

For additional information, please visit: [http://aggiehonor.tamu.edu](http://aggiehonor.tamu.edu)

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On all AGEC 423 course work, assignments, and examinations at Texas A&M University, unless otherwise specified at the time of the assignment/exam, the following Honor Pledge will be preprinted, to be completed and signed by the student:

“On my honor, as an Aggie, I have neither given nor received unauthorized aid on this academic work.”

________________________________________________________________________ ___________________________________________________________________

Student’s Signature Date

________________________________________________________________________ ___________________________________________________________________

Student’s Printed Name UIN

“An Aggie does not lie, cheat, or steal, or tolerate those who do.”
CHANGE IN COURSES
Form Instructions
1. Course request type:  □ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):  Agricultural Leadership Education & Communications
3. Course prefix, number and complete title of course:  AGSC 425, Learner Centered Instruction in Agricultural Science
4. Change requested
   a. Prerequisite(s):  From:  AGSC 402 and AGSC 405; senior classification, or approval of department head.  To:  Grade of C or better in AGSC 402 and AGSC 405
   b. Withdrawal (reason):
   c. Cross-list with:
   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b.  Attach a course syllabus.
5. Is this an existing core curriculum course?  □ Yes  □ No
6. If grade type is changing for existing course, indicate the new grade type:  □ Grade  □ S/U  □ P/T (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:  ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. As currently in course inventory:

    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|
    | AGSC   | 425      | LRNR-CNTRD INST IN AGSC       |

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code |
    |-------|-----|-------|-----|-------------------|-------------|-----------|
    | 3.00  | 0.00| 0.00  | 3.00| 131301            | 0150        | 0 0 3 6 3 2 |

11. Change to:

    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code |
    |-------|-----|-------|-----|-------------------|-------------|------------|-----------|

Approval recommended by:

Tracy Rutherford  9/15  Department Head or Program Chair (Type Name & Sign)  Date

Chair, College Review Committee  9/18/15  Date

Dean of College  9/18/15  Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services  9/11/15  Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandy.williams@tamu.edu
Curricular Services – 08/14
Sandra Williams

Subject: FW: AGSC Courses for UCC

Sandra,

Students are required to have a 2.75 GPA prior to admission to student teaching. The C or better requirement in AGSC 402 and 405, which are the final courses prior to the field experience, demonstrates adequate preparation to be successful in a student teaching experience.

TR

Tracy Rutherford, Ph.D.
Associate Department Head for Undergraduate Programs
Professor, Agricultural Communications & Journalism
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions

1. Course request type:  □ Undergraduate  □ Graduate  □ First Professional (DMD, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):  Agricultural Leadership Education & Communications

3. Course prefix, number and complete title of course:  AGSC 436, Professional Teaching Internship in AGSC

4. Change requested
   Attach a brief supporting statement for changes made to items 4a through 4d and 10 below.
   □ Senior classification; completion of the prerequisite sequence of professional courses in agricultural education; full admission into student teaching.
   □ Grade of C or better in AGSC 402 and AGSC 405

a. Prerequisite(s):  From:  

b. Withdrawal (reason):

c. Cross-list with:  

   Cross-listed courses require the signature of both department heads.

d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?
   □ Yes  □ No

6. If grade type is changing for existing course, indicate the new grade type:
   □ Grade S/U  □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

<table>
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<th>Prefix</th>
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<td>436</td>
<td>PROFESSIONAL TEACHING INTERNSH</td>
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<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>FICE Code</th>
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b. Change to:

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</tr>
</thead>
</table>

Approval recommended by:

Tracy Rutherford  [Signature]
Department Head or Program Chair (Type Name & Sign)  9/15

Chair, College Review Committee  [Signature]  9/15
Dean of College  [Signature]  9/15
Chair, GC or UCC  [Signature]  9/15

Submitted to Coordinating Board by:

Associate Director, Curricular Services  [Signature]

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
* Submit original form and attachments *

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Agricultural Leadership Education & Communications
3. Course prefix, number and complete title of course: AGSC 481, SEMINAR

Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 below.

4. Change requested
   a. Prerequisite(s): From: Approval of department head To: Grade of C or better in AGSC 402 and AGSC 405
   b. Withdrawal (reason): 
   c. Cross-list with: Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course: □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. As currently in course inventory:

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b. Change to:

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</tr>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
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</tbody>
</table>

Approval recommended by:

Tracy Rutherford
Department Head or Program Chair (Type Name & Sign) Date

Department Head or Program Chair (Type Name & Sign) (if cross-listed course) Date

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 08/14
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Agricultural Leadership Education & Communications
3. Course prefix, number and complete title of course: AGSC 484 - FIELD EXPERIENCE

4. Change requested
   a. Prerequisite(s): From: Senior classification; 2.0 GPR; approval of department head. To: Grade of C or better in AGSC 402 and AGSC 405
   b. Withdrawal (reason):
   c. Cross-list with: Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? ☑ Yes ☐ No
6. If grade type is changing for existing course, indicate the new grade type: ☐ Grade ☑ S/U ☐ P/F (CLMP)
7. If this course will be stacked, please indicate the course number of the stacked course: ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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b. Change to:

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<th>Course #</th>
<th>Title (excluding punctuation)</th>
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<thead>
<tr>
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<th>Lab</th>
<th>Other</th>
<th>SCH</th>
<th>CIP and Fund Code</th>
<th>Admin. Unit</th>
<th>Acad. Year</th>
<th>FICE Code</th>
<th>Level</th>
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</thead>
</table>

Approval recommended by:
Tracy Rutheford
Department Head or Program Chair (Type Name & Sign) Date

Chair, College Review Committee

Dean of College

Submitted to Coordinating Board by:
Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 08/14
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Form Instructions:
1. Course request type: ☑ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Select or Type Department/Program Name
3. Course prefix, number and complete title of course: HORT 306 WOODY ORNAMENTAL PLANTS
   Attach a brief supporting statement for changes made to items 4a, 4b, 4d, and 4f below.
4. Change requested
   a. Prerequisite(s): From: HORT 201 or BOTH 101 or approval of instructor. To: HORT 201 or BIOL 111 or BIOL 113 or approval of instructor
   b. Withdrawal (reason):
   c. Cross-list with:
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? □ Yes ☑ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course: ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).
8. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   HORT 306. Trees and Shrubs for Sustainable Built Environments.

9. Complete current course title and current catalog course description:
   HORT 306. Woody Ornamental Plants.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    HORT 306. Trees and Shrubs for Sustainable Built Environments.

11. a. As currently in course inventory:
   Prefix Course # Title (excluding punctuation)
   HORT 306 Woody Ornamental Plants
   Lec. Lab Other SCH CIP and Fund Code Admin. Unit FICE Code Level
   2.00 2.00 0.00 3.00 106030005 HRSC 0 0 3 6 3 2 3
   b. Change to:
   Prefix Course # Title (excluding punctuation)
   HORT 306 Trees For Built Environments
   Lec. Lab Other SCH CIP and Fund Code Admin. Unit Acad. Year FICE Code Level
   2.00 2.00 0.00 3.00 106030005 HRSC 16 - 17 0 0 3 6 3 2
   Approval recommended by:
   [Signature]
   Department Head or Program Chair (Type Name & Sign) Date
   [Signature]
   Department Head or Program Chair (Type Name & Sign) Date
   Chair, College Review Committee Date
   [Signature]
   Dean of College Date
   Submitted to Coordinating Board by:
   [Signature]
   Chair, GC or UCC Date
   [Signature]
   Associate Director, Curricular Services Date
   Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 08/14
MEMO

TO: Dr. Robert Knight, Chair COALS UPC


DATE: 25 August 2015

SUBJECT: Name change & prerequisite updates for HORT 306 & HORT 308

Thanks for the suggestions on the edits for the forms. Please find attached completed edited forms updating name changes and prerequisite requirements for HORT 306 and HORT 308 for the 2016 university catalog.

Name changes are submitted primarily to update terminology to that used in the profession in recent years. They also accentuate the fact that these courses reflect sustainable landscape design concepts and plant uses which were not really well conveyed with the original course titles.

The prerequisites were updated to reflect changes in the way the Department of Biology are now structuring their courses where BOTN 101 is being phased out and BIOL 111 or BIOL 113 now being the appropriate prerequisites. Students who have intro botany courses can still be accommodated by allowing instructor permission to the prerequisites. This will also allow us to permit enrollment if students have had previous plant materials oriented courses when transferring from other institutions or industry experience that would provide similar background information to that requested in the enumerated prerequisites in order to be able to take the course.

Thanks, for considering these requests.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Form Instructions

1. Course request type: ✓ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name):
   Select or Type Department/Program Name
3. Course prefix, number and complete title of course:
   HORT 308 LANDSCAPE PLANT MATERIALS
   Attach a brief supporting statement for changes made to items 4a-4d and 10 below.
4. Change requested:
   a. Prerequisite(s) From: HORT 201, or HORT 306, or BIOL 101 or approval of instructor
   b. Withdrawal (reason):
   c. Cross-list with:
   Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course?
   □ Yes  ✓ No
6. If grade type is changing for existing course, indicate the new grade type:
   □ Grade  □ S/U  □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   HORT 609
   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete proposed course title and proposed catalog course description:
   HORT 308. PLANTS FOR SUSTAINABLE LANDSCAPES.
9. Complete current course title and current catalog course description:
   HORT 308. LANDSCAPE PLANT MATERIALS.
   Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   HORT 308. PLANTS FOR SUSTAINABLE LANDSCAPES.

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Approval recommended by:

Department Head or Program Chair (Type Name & Sign) Date

Chair, College Review Committee Date

Dean of College Date

Submitted to Coordinating Board by:

Chair, GC or UCC Date

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14

CURRICULAR SERVICES

RECEIVED

SEP 14 2015
MEMO

TO:      Dr. Robert Knight, Chair COALS UPC
DATE:    8 September 2015

SUBJECT: Friendly revision to name change for HORT 308

Please find attached a completed edited form updating a name change and prerequisite requirements for HORT 308 for the 2016 university catalog.

The name change and prerequisites were originally approved at the last UNC for AGLS. As a matter of course I had asked those Departments requiring this course to weigh in on the proposed name change to ensure it would not conflict with their accreditation or curricula outcomes. In this case, the TAMU Department of Landscape Architecture supported the modernization of the course title for HORT 308, but asked for a friendly amendment as indicated in the full title and condensed title for transcripts as indicated on the revised form.

The name change was originally submitted primarily to update terminology to that used in the profession in recent years. It also accentuates the fact that these courses reflect sustainable landscape design concepts and plant uses which were not really well conveyed with the original course titles as terminology has evolved in the field over the past few years. Dr. Ming-Han Li, from the Department of Landscape Architecture and Urban Planning indicated that this supported their curricula as well but suggested the minor working change to emphasis sustainable ranger than design which might be confusing with their course titles. Dr. Li, their Associate Department Head, asked to be copied on this request to reflect their Department’s support.

The prerequisites were updated to reflect changes in the way the Department of Biology are now structuring their courses where BOTN 101 is being phased out and BIOL 111 or BIOL 113 now being the appropriate prerequisites. Students who have intro botany courses can still be accommodated by allowing instructor permission to the
prerequisites. This will also allow us to permit enrollment if students have had previous plant materials oriented courses when transferring from other institutions or industry experience that would provide similar background information to that requested in the enumerated prerequisites in order to be able to take the course.

Thanks, for considering this request.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
• Submit original form and attachments •

Form Instructions
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Oceanography
3. Course prefix, number and complete title of course: OCNG 252 Oceanography Laboratory

Attach a brief supporting statement for changes made to items 4a thru 4d, and 6 below.

4. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason): ____________________________
   c. Cross-list with: ____________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 5; enter proposed course title and proposed course description in item 6. Complete item 7 for change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 7. Attach a course syllabus.

5. Is this an existing core curriculum course? □ Yes □ No

6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:
   OCNG 252 Oceanography Laboratory. Hands-on laboratory experiments and exercises demonstrating principles of ocean sciences; emphasis on the unique interdisciplinary nature of the ocean and current ocean issues relevant to today's society; tailored for the non-scientist. Honors sections are also available.

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   OCNG 252 Oceanography Laboratory. Hands-on laboratory experiments and exercises demonstrating principles of ocean sciences; emphasis on the unique interdisciplinary nature of the ocean and current ocean issues relevant to today's society. Honors sections and contracts are also available.

11. a. As currently in course inventory:

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<th>SCH</th>
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<th>Admin. Unit</th>
<th>Acad. Year</th>
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</table>

Approval recommended by: ____________________________ Date: 9/3/15

Department Head or Program Chair (Type Name & Sign) ____________________________ Date: 9/3/15

Chair, College Review Committee ____________________________ Date: 9/3/15

Dean of College ____________________________ Date: 9/3/15

Department Head or Program Chair (Type Name & Sign) ____________________________ Date: 9/3/15

Submitted to Coordinating Board by: ____________________________ Date: 9/3/15

Chair, GC or UCC ____________________________ Date: 9/3/15

Effective Date: ____________________________

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu

Curricular Services – 07/14
3 September 2015

MEMORANDUM

TO: Office of the Registrar

THROUGH: Dr. Chris Houser
          AOC Dean College of Geosciences

FROM: Dr. Debbie Thomas
      Department Head
      Department of Oceanography

RE: Change in OCNG 252

We request a change in the catalog description for OCNG 252. The old description indicated that the course was tailored to non-science majors. This is not true, and it is an introductory lab for oceanography that is suitable for all majors in the university. We have taken the non-science statement out of the description. The course will be taught same as it has always been and is currently in the core curriculum and should remain there.

If you have any questions, please contact our academic advisor, Andrea Dawson (979-845-7688; andi2008@geos.tamu.edu).
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Public Health Studies
3. Course prefix, number and complete title of course: PHLT 302 Foundations of Public Health
4. Change requested
   a. Prerequisite(s): From: ____________________________ To: ____________________________
   b. Withdrawal (reason): ____________________________
   c. Cross-list with: ____________________________

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? ☑ Yes  ☐ No
6. If grade type is changing for existing course, indicate the new grade type: ☑ Grade  ☐ S/U  ☐ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   ☑ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. As currently in course inventory:
   Prefix  Course #  Title (excluding punctuation)
   PHLT  302  FOUNDATIONS PUBLIC HEALTH
Lect.  Lab  Other  SCH  CHP and Fund Code  Admin. Unit  EICE Code  Level
3.00  0.00  0.00  3.00  5122010014  2414  0  0  3  6  3  2

   a. Change to:
   Prefix  Course #  Title (excluding punctuation)

   Approval recommended by:
   Gilbert Ramirez  Date
   Department Head or Program Chair (Type Name & Sign)
   Ranjana Mehta  Date
   Chair, College Review Committee
   Jay Maddock  Date
   Dean of College
   (If cross-listed course)

   Submitted to Coordinating Board by:
   Chair, GC or UCC  Date
   Associate Director, Curricular Services  Effect Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14

RECEIVED
CURRICULAR SERVICES
SEP 18 2015
08/25/2015

The attached course change request for PHLT 302, 303, 305 and 330 is to change the prerequisites from “Public Health major, junior or senior classification, or approval of instructor” to “Public Health major and minors”.

Our minor program is brand new and was just approved by the President this past Spring. The minor students need to take this course and therefore the prerequisite should include the minor students. The junior or senior classification was removed as the minor students may not be junior or seniors while completing minor.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional
Submit original form and attachments

Form Instructions
1. Course request type:☑ Undergraduate ☐ Graduate ☐ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Public Health Studies
3. Course prefix, number and complete title of course: PHLT 303 Social Context of Population Health

4. Change requested
a. Prerequisite(s): From: Public Health major, junior or senior classification, or approval of instructor
b. Withdrawal (reason): ☐
c. Cross-listed with: ☐

Cross-listed courses require the signature of both department heads.
d. Change in course title and description. Enter complete current course title and current course description in Item 9; enter proposed course title and proposed course description in Item 10. Complete item 11a and b for a change in title.
e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course? ☐ Yes ☑ No
6. If grade type is changing for existing course, indicate the new grade type: ☐ Grade ☐ S/U ☐ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:

☐ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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b. Change to:

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</table>

Approval recommended by:

Gilbert Ramirez
Department Head or Program Chair (Type Name & Sign) Date

Ranjana Mehta
Chair, College Review Committee Date

Jay Maddock
Dean of College Date

Department Head or Program Chair (Type Name & Sign) Date

 iff cross-listed course

Submitted to Coordinating Board by:

Chair, GC or UCC Date

Associate Director, Curricular Services Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu

Curricular Services – 08/14
Texas A&M University  
Departmental Request for a Change in Course  
Undergraduate • Graduate • Professional  
• Submit original form and attachments •  

Form Instructions:

1. Course request type:  
   ✔ Undergraduate  □ Graduate  □ First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):  
   Department of Public Health Studies

3. Course prefix, number and complete title of course:  
   PHLT 305 Epidemiology in Public Health

4. Change requested  
   a. Prerequisite(s): From:  
      □ Public Health major, junior or senior classification, or approval of instructor  
      To:  
      □ Public Health major or minor
   b. Withdrawal (reason):  
   c. Cross-list with:  
      Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.

5. Is this an existing core curriculum course?  
   □ Yes  ✔ No

6. If grade type is changing for existing course, indicate the new grade type:  
   □ Grade  □ S/U  □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:  
   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education)

9. Complete current course title and current catalog course description:

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:

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<td>Level</td>
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b. Change to:

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<th>Title (excluding punctuation)</th>
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</table>

Approval recommended by:  
Gilbert Ramirez  
Department Head or Program Chair (Type Name & Sign)  
Date  

Ranjana Mehta  
Chair, College Review Committee  
Date  

Jay Maddock  
Dean of College  
Date

Submitted to Coordinating Board by:  
Associate Director, Curricular Services  

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu  
Curricular Services – 08/14
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

- Submit original form and attachments -

Form Instructions:
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Public Health Studies
3. Course prefix, number and complete title of course: PHLT 330 The Environment and Public Health
4. Change requested
   a. Prerequisite(s): From: Public Health major, junior or senior classification, or approval of instructor
      To: Public Health major or minor
   b. Withdrawal (reason):
   c. Cross-list with:
      Cross-listed courses require the signature of both department heads.
   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.
   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
10. Complete proposed course title and proposed catalog course description:
11. As currently in course inventory:
    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|
    | PHLT   | 330      | ENV & PUBLIC HEALTH           |
    | Lect.  | Lab      | Other | SCH | CIP and Fund Code | Admin. Unit | ECE Code | Level |
    | 3.00   | 0.00     | 0.00  | 3.00| 5122010014        | 2414        | 0 0 3 6 3 2 |
    | b. Change to:
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    |        |          |                               |
    |        |          |                               |
    | Lect.  | Lab      | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | ECE Code | Level |
    |        |          |       |     |                  |            |            |         |       |
    | Approval recommended by: |
    | Gilbert Ramirez |
    | Department Head of Program Chair (Type Name & Sign) | Date |
    | Ranjana Mehta |
    | Chair, College Review Committee | Date |
    | Jay Maddock |
    | Dean of College | Date |
    | Department Head or Program Chair (Type Name & Sign) (If cross-listed course) |
    |          |          |       |     |                  |            |            |         |       |
    | Submitted to Coordinating Board by: |
    | Associate Director, Curricular Services |

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 08/14
Texas A&M University

Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Submit original form and attachments.

Form Instructions:
1. Course request type: □ Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Public Health Studies
3. Course prefix, number and complete title of course: PHLT 445 Population Health Culminating Experience
4. Change requested: Attach a brief supporting statement for changes made to items 4a thru 4d and 10 below.
   a. Prerequisite(s): From: Public Health major, junior or senior classification, or approval of instructor
   b. Withdrawal (reason):
   c. Cross-list with:

   Cross-listed courses require the signature of both department heads.

   d. Change in course title and description. Enter complete current course title and current course description in item 9; enter proposed course title and proposed course description in item 10. Complete item 11a and b for a change in title.

   e. Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.
5. Is this an existing core curriculum course? □ Yes □ No
6. If grade type is changing for existing course, indicate the new grade type: □ Grade □ S/U □ P/F (CLMD)
7. If this course will be stacked, please indicate the course number of the stacked course:
   □ I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://yr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).
8. Complete current course title and current catalog course description:
   PHLT 445 Population Health Culminating Experience
   Combines knowledge and skills related to public health experience and coursework to address public health issues; process of developing, implementing, and evaluating public health interventions; role assignment and responsibilities in group assignments and presentations.
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   PHLT 445 Applications of Public Health
   Combines knowledge and skills related to public health experience and coursework to address public health issues; process of developing, implementing, and evaluating public health interventions; role assignment and responsibilities in group assignments and presentations.
10. a. As currently in course inventory:

    Prefix  Course #  Title (excluding punctuation)
    PHLT  445  POP HEALTH CULMINATING EXP

    Lect.  Lab  Other  SCH  CP and Fund Code  Admin. Unit  HCE Code  Level
    3.00  0.00  0.00  3.00  5220100144  2414  0  0  3  6  3  2

    Approval recommended by:
    Gilbert Ramirez
    Department Head or Program Chair (Type Name & Sign) Date
    Ranjana Mehta
    Chair, College Review Committee Date
    Jay Maddock
    Dean of College Date

    Department Head or Program Chair (Type Name & Sign) (If cross-listed course)
    Date

b. Change to:

    Prefix  Course #  Title (excluding punctuation)
    PHLT  445  APPLICATIONS PUBLIC HEALTH

    Lect.  Lab  Other  SCH  CP and Fund Code  Admin. Unit  Acad. Year  HCE Code  Level
    3.00  0.00  0.00  3.00  5122010014  2414  16 - 17  0  0  3  6  3  2

    Submitted to Coordinating Board by:
    Associate Director, Curricular Services
    Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 08/14
The name change is to better the integrative nature of implying public health concepts.
Texas A&M University

Departmental Request for a Change in Course

Undergraduate • Graduate • Professional

Submit original form and attachments

1. Course request type:
   - [ ] Undergraduate
   - [ ] Graduate
   - [ ] First Professional (DOS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):
   Texas A&M Institute for Neuroscience

3. Course prefix, number and complete title of course:
   NRSC 311 Comparative Psychology

4. Change requested:
   a. Prerequisite(s):
      From: ____________________________ To: ____________________________
   b. Withdrawal (reason):
   c. Cross-list with:

5. Cross-listed courses require the signature of both department heads.

6. Change in course title and description. Enter complete current course title and current course description in item 10. Complete item 11a and b. Attach a course syllabus.

7. Is this an existing core curriculum course?
   - [ ] Yes
   - [X] No

8. If grade type is changing for existing course, indicate the new grade type:
   - [ ] Grade
   - [ ] S/U
   - [ ] P/F (CLMD)

9. If this course will be stacked, please indicate the course number of the stacked course:
   - [ ] I verify that I have reviewed the FAQ for Export Controls/Distance Education (http://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

10. Complete current course title and current catalog course description:
    NRSC 311/PSYC 311 Comparative Psychology Credits 3.3 Lecture Hours. Survey of problems, principles, and methods of animal psychology; animal learning, motivation discriminative processes, and abnormal, social, and instinctual behaviors. Prerequisites: PSYC 107, PSYC 203 and 204 or junior or senior classification.
    Cross Listing: PSYC 311/NRSC 311.

11. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
    NRSC 311/PSYC 311 Animal Behavior Credits 3.3 Lecture Hours. Survey of problems, principles, and methods of animal psychology; animal learning, motivation discriminative processes, and abnormal, social, and instinctual behaviors. Prerequisites: PSYC 107, PSYC 203 and 204 or junior or senior classification.
    Cross Listing: PSYC 311/NRSC 311.

   a. As currently in course inventory:

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   b. Change to:

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   Approval recommended by:
   Jane Welsh, NRSC
   [Signature]
   8-21-15

   Department Head or Program Chair (Type Name & Sign)
   [Signature]
   8-31-15
   (if cross-listed course)

   Chair, College Review Committee
   [Signature]
   Date
   8-21-15

   Dean, College
   [Signature]
   Date
   8-21-15

   Submitted to Coordinating Board by:
   Associate Director, Curricular Services
   [Signature]
   Date
   Effective Date
   [Signature]
   Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services – 08/14
September 14, 2015

To: Steve Oberhelman and Liberal Arts Undergraduate Curriculum Committee
From: Mindy Bergman, Associate Head of Undergraduate Studies, Department of Psychology

RE: PSYC 311/NRSC 311

The Department of Psychology requests that the cross-listed course PSYC 311/NRSC 311 be granted a name change from “Comparative Psychology” to “Animal Behavior.”

We are requesting the name change to make clearer to students that the course focuses on animal behavior. The term “comparative psychology” is historical and the field has moved away from this term.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Submit original form and attachments

Form Instructions:
1. Course request type: Yes Undergraduate □ Graduate □ First Professional (DDS, MD, JD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Psychology
3. Course prefix, number and complete title of course: PSYC311 Comparative Psychology

4. Change requested:
a. Prerequisite(s): From: □ To:

b. Withdrawal (reason):

c. Cross-list with:

5. Is this an existing core curriculum course?
□ Yes □ No

6. If grade type is changing for existing course, indicate the new grade type:
□ Grade S/U □ P/F (CLMD)

7. If this course will be stacked, please indicate the course number of the stacked course:

8. I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://ypr.tamu.edu/resources/export-controls/controls-basics-for-distance-education).

9. Complete current course title and current catalog course description:
PSYC 311/NRSC 311 Comparative Psychology Credits 3. 3 Lecture Hours. Survey of problems, principles, and methods of animal psychology; animal learning, motivation, discriminative processes and abnormal, social and instinctual behaviors. Prerequisites: PSYC 107; PSYC 203 and PSYC 204 or junior or senior classification. Cross Listing: NRSC 311/PSYC 311.

Complete proposed course title and proposed catalog course description (not to exceed 50 words):
PSYC 311/NRSC 311 Animal Behavior Credits 3. 3 Lecture Hours. Survey of problems, principles, and methods of animal psychology; animal learning, motivation, discriminative processes and abnormal, social and instinctual behaviors. Prerequisites: PSYC 107; PSYC 203 and PSYC 204 or junior or senior classification. Cross Listing: NRSC 311/PSYC 311.

11. a. As currently in course inventory:

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<td>Comparative Psychology</td>
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b. Change to:

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<th>Title (excluding punctuation)</th>
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<td>Animal Behavior</td>
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<th>Lab</th>
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<th>SCH</th>
<th>CIP and Fund Code</th>
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<td>2380</td>
<td>16 - 17</td>
<td>0 0 3 6 3 2 2</td>
<td></td>
</tr>
</tbody>
</table>

Approval recommended by:
Doug Woods, PSYC
Chair, College Review Committee
Date 8/2/15

Jane White, NRSC
Chair, College Review Committee
Date 8/27/15

Dean of College
Date 9-15-15

Submitted to Coordinating Board by:
Associate Director, Curricular Services

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu.
Curricular Services — 08/14
September 14, 2015

To: Steve Oberhelman and Liberal Arts Undergraduate Curriculum Committee
From: Mindy Bergman, Associate Head of Undergraduate Studies, Department of Psychology

RE: PSYC 311/NRSC 311

The Department of Psychology requests that the cross-listed course PSYC 311/NRSC 311 be granted a name change from "Comparative Psychology" to "Animal Behavior."

We are requesting the name change to make clearer to students that the course focuses on animal behavior. The term "comparative psychology" is historical and the field has moved away from this term.
CHANGE IN CURRICULA
CHANGE IN CURRICULUM

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
DEPARTMENT OF AGRICULTURAL LEADERSHIP, EDUCATION AND COMMUNICATION
BS IN AGRICULTURAL SCIENCES – TEACHING OPTION
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type:  ☑ Undergraduate  □ Graduate  □ First Professional (ex., DVM, JD, MD, etc.)

2. Request change for:  ☑ Degree Program  □ Minor  □ Certificate

3. Request submitted by (Department or Program Name):  Agricultural Leadership Education & Communications

Program Designation and Name
(e.g., B.A. in History, Minor in History, Certificate in European Union):  B.S. in Agricultural Sciences - Teaching Option

4. □ Brief description of change:  Require a Grade of "C" or better in AGSC 402 in order for it to count as part of major degree curriculum.

6. Rationale for change:  2.75 GPA needed for state certification

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached.  ☑ Yes  □ No

  b. Current catalog curriculum with handwritten edits attached.  ☑ Yes  □ No

  c. Current Howdy degree evaluation with handwritten edits attached.  ☑ Yes  □ No

    Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes?  □ Yes  ☑ No

  b. If yes, degree program hours will change from:  ________ to:  ________

  c. If yes, is the Texas Higher Education Coordinating Board form attached?  ☑ Yes  □ No

    http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60

9. □ If proposed changes affect other unit(s), are letters of support attached?  ☑ Yes  □ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December- UCC/GC, January-Faculty Senate, February-Presidential) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Tracy Rutherford  8/6/15
Department Head or Program Chair (Type Name & Sign)  Date

Kim Dooley  9/3/15
Dean of College  Date

Chair, College Review Committee  9/3/15
Date

Chair, GC or UCC  Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra.wilfried@tamu.edu
Curricular Services – 04/14
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: ☑ Undergraduate  ☐ Graduate  ☐ First Professional (ex. DVM, JD, MD, etc.)

2. Request change for: ☐ Degree Program  ☐ Minor  ☐ Certificate

3. Request submitted by (Department or Program Name): Agricultural Leadership Education & Communications

Program Designation and Name
(e.g. B.A. in History, Minor in History, Certificate in European Union): B.S. in Agricultural Sciences - Teaching Option

5. Brief description of change: Require a Grade of "C" or better in AGSC 405 in order for it to count as part of major degree curriculum.

6. Rationale for change: 2.75 GPA needed for state certification

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached. ☑ Yes  ☐ No

b. Current catalog curriculum with handwritten edits attached. ☑ Yes  ☐ No

c. Current Howdy degree evaluation with handwritten edits attached. ☑ Yes  ☐ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? ☐ Yes  ☑ No

b. If yes, degree program hours will change from: _______ to: _______

c. If yes, is the Texas Higher Education Coordinating Board form attached? ☑ Yes  ☐ No

http://www.thech.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60

9. If proposed changes affect other unit(s), are letters of support attached? ☑ Yes  ☐ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Tracy Rutherford  Date
Department Head or Program Chair (Type Name & Sign)

Kim Dooley  Date
Dean of College

Chair, College Review Committee  Date
Chair, GC or UCC

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 04/14
# DEGREE PLAN - B.S. AGRICULTURAL SCIENCES — Teaching Option (AGSC)

**Catalog: Fall 2015**

**Student Name:**

**UIN:**

---

## MAJOR COURSE WORK (26 HRS)

<table>
<thead>
<tr>
<th>AGSC Program Coursework</th>
<th>Student Teaching Coursework</th>
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<tbody>
<tr>
<td>AGSC 301 (1st Semester Junior Year)</td>
<td>AGSC 425 (2nd Semester Senior Year)</td>
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<tr>
<td>AGSC 384 (2nd Semester Junior Year)</td>
<td>AGSC 436 (2nd Semester Senior Year)</td>
</tr>
<tr>
<td>AGSC 402 (1st Semester Senior Year) *Must Have C or Better</td>
<td>AGSC 481 (2nd Semester Senior Year)</td>
</tr>
<tr>
<td>AGSC 405 (1st Semester Senior Year) *Must Have C or Better</td>
<td>AGSC 484 (2nd Semester Senior Year)</td>
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### Professional Education Coursework (6 HRS)

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<tbody>
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<td>INST 210 (1st Semester Junior Year)</td>
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<td>INST 301 (2nd Semester Junior Year)</td>
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### SUPPORTING COURSE WORK (43 HRS)

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<td>AGSM ELEC (AGSM 201, AGRI 2303)</td>
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<td>AGSM ELEC (AGSC 373)</td>
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<td>AGSM ELEC (AGSC 383)</td>
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<td>PLANT SCIENCE ELEC (HORT 201, SCSC 105)</td>
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<td>PLANT SCIENCE ELEC (HORT 301, 335, GENE)</td>
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<td>PLANT SCIENCE ELEC (SCSC 302, ESSM 314)</td>
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<td>ANSC 484 (Taken During STUDENT TEACHING)</td>
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<td>Elective ANY COURSE(S)</td>
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- **Intro Ansc Elec (Ansc 107, Dasc 202, Posc 201)**: 3
- **Ansc Nutrition Elec (Ansc 320)**: 3
- **Ansc Reproduction Elec (Ansc 433)**: 3
- **Ag ELEC (AGEC 314, 315, 325, OR 340)**: 3
- **Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC)**: 3
- **Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC)**: 3
- **Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC)**: 3
- **Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC)**: 3

---

### UNIVERSITY CORE CURRICULUM (UCC) (42 HRS)

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<td>ENGL 203</td>
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<tr>
<td>MATH (6 hrs)</td>
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<tr>
<td>MATH 167</td>
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<tr>
<td>MATH 166, 141, 142 OR PHIL 240</td>
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<tr>
<td>LIFE AND PHYSICAL SCIENCES (9 HRS)</td>
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<tr>
<td>SCIENCE ELECTIVE (KLPS)</td>
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<tr>
<td>PHILOSOPHY, CULTURE AND LANGUAGE (3 hrs)</td>
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<tr>
<td>GEOL 202</td>
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</tbody>
</table>

- **Hort 203**:
- **Social Science (3 hrs)**:
- **Agec 105 or Econ 202, 203**:
- **Hist 105, 226**:
- **Hist 106**:
- **American History (6 hrs)**:
- **Pols 206 – American National Govt**:
- **Pols 207 – State and Local Govt**:

---

### ADDITIONAL REQUIREMENTS

- 2 semesters of college foreign language
- 2 years of high school foreign language

---

*Must maintain 2.75 overall GPA*

*Must complete Student Teaching last semester*
Agricultural Science - BS

The Agricultural Science curriculum is designed to offer the student a combination of courses in scientific agriculture and in professional education that will meet requirements for employment and advanced study in different careers in which the emphasis is on formal and informal programs of education. Such careers may include teaching agricultural science in high schools, area career and technology schools and community colleges; working as an agricultural extension agent; working as an agricultural representative for a marketing agency, an agricultural supply company or other industries related to agriculture; and serving as an agricultural development consultant in an international program.

A student majoring in agricultural science will be counseled by an advisor in the Department of Agricultural Leadership, Education, and Communications to ensure that the program developed with the student will satisfy his or her unique interests, needs and professional aspirations. A combination of courses in scientific agriculture, education and general studies provides students with a knowledge of scientific agriculture and the ability to work with and influence people. Flexibility in course selection allows a student to place emphasis on a particular field of agriculture or to prepare broadly in agricultural studies. This flexibility might prepare a student to teach in a particular school setting, focusing upon a certain curriculum (e.g., horticulture, animal science and agricultural business).

Many aspects of the practice of agriculture are learned through experience. Enrollment in high school agricultural science and participation in FFA and/or 4-H are encouraged and recommended, but not required.

A student following this curriculum may be eligible to enter public schools as a teacher of agricultural science under the Texas Education Agency. Off-campus student teaching is required.

Program Requirements

AGEC 105 Introduction to Agricultural Economics
or ECON 202/ or Principles of Economics
ECON 203

Select one of the following:

AGEC 314 Marketing Agricultural and Food Products
AGEC 315 Food and Agricultural Sales
AGEC 325 Principles of Farm and Ranch Management
AGEC 340 Agribusiness Management
AGLS 101 Modern Agricultural Systems and Renewable Natural Resources
AGSC 301 Introduction to Agricultural Science Teaching
AGSC 384 Clinical Professional Experience in AGSC 1
AGSC 402 Designing Instruction for Secondary Agricultural Science Programs
AGSC 405 Facilitating Complete Secondary Agricultural Science Programs
AGSC 425 Learner Centered Instruction in Agricultural Science
AGSC 436 Professional Teaching Internship in AGSC 1
AGSC 481 Seminar
AGSC 484 Field Experience

Select one of the following:

ANSC 107 General Animal Science
DASC 202 Dairying
POSC 201 General Avian Science
ANSC 320 Animal Nutrition and Feeding
ANSC 433 Reproduction in Farm Animals
ANSC 484 Livestock Practicum
INST 210 Understanding Special Populations
INST 301 Educational Psychology
POLS 206 American National Government
POLS 207 State and Local Government
SCSC 105 World Food and Fiber Crops
or HORT 201 or Horticultural Science and Practices
American history electives
Biological and agricultural engineering/Agricultural systems management electives
Communication electives
Creative art elective
Language, philosophy and culture elective
Life and physical sciences electives
Mathematics electives
Plant science electives
Scientific agriculture electives
Electives

Total Semester Credit Hours

1. Must have "C" or better to receive credit
2. Professional development courses required for certification as a teacher of agricultural science.
3. In order to be eligible for student teaching, the AGSC major requires a 2.75 GPA.
4. Restricted electives in scientific agriculture are required for teacher certification by the Texas Education Agency. A minimum of 24 semester hours of scientific agriculture must be at the 300- and 400-level.

The Graduation requirements include a requirement for six hours of international and cultural diversity courses. A course satisfying a Core category, a college/department requirement, or a free elective can be used to satisfy this requirement.
Detail Requirements

Information for Degree Evaluation

This is NOT an official evaluation.

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Program : BS AGSC-Teaching Option
Campus : College Station
College : Agriculture & Life Sciences
Degree : Bachelor of Science
Level : Undergraduate
Majors : Agricultural Science
Departments : Ag Leadership, Educ & Comm

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This is NOT an official evaluation.

Area : Major Coursework (26,000 credits) - Not Met

| Met | Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses |
|-----|------------------------------------------------------|------------------------------------------------------|
| No  |                                                      |                                                      |
| No  | AND                                                 | AGSC 301                                             |
| No  | AND                                                 | AGSC 402                                             |
| No  | AND                                                 | AGSC 405                                             |
| No  | AND                                                 | AGSC 384                                             |
| No  | AND                                                 | AGSC 425                                             |
| No  | AND                                                 | AGSC 436                                             |
| No  | AND                                                 | AGSC 481                                             |
| No  | AND                                                 | AGSC 484                                             |

MUST have "C" or better
MUST have "C" or better

Total Credits and GPA 0.000

unofficial evaluation

Area : Supporting Coursework (49,000 credits) - Not Met

| Met | Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses |
|-----|------------------------------------------------------|------------------------------------------------------|
| No  |                                                      |                                                      |
| No  | AND                                                 | INST 301                                             |
| No  | AND                                                 | INST 210                                             |
| No  | AND                                                 | AGLS 101                                             |
Detail Requirements

No  AND  D.  Agriculture Rqmt I 3hrs
        Select from HORT 201; SCSC 105.

No  AND  E.  Agriculture Rqmt II 3hrs
        Select from ANSC 107; DASC 202; POSC 201.

No  AND  F.  Agriculture Rqmt III 9hrs
        Select from AGSC 373, 383, 489; AGSM 201, 355, 360, 485, 489; POSC 427.

No  AND  G.  AGEC Rqmt 3hrs
        Select from AGEC 314, 325, 340.

No  AND  H.  Agriculture Rqmt IV 3hrs
        Take ANSC 326.

<table>
<thead>
<tr>
<th>No</th>
<th>AND</th>
<th>I.  ANSC 433</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>AND</td>
<td>J.  ANSC 484</td>
</tr>
</tbody>
</table>
| No | AND | K.  Plant Science Elect 6hrs
        Select from ESSM 100-499; GENE 100-499; HORT 100-499;
        SCSC 100-400.

No  AND  L.  Agriculture Rqmt V 11 hrs
        Select from AGEC 100-499 (except AGEC 105); AGSM 100-499;
        AGLS 100-499; ANSC 100-499; DASC 100-499; ENTO
        100-499; ESSM 100-499; FSSTC 100-499; GENE 100-499;
        HORT 100-499; MEPS 100-499; NUTR 100-499; PLPA 100-499;
        POSC 100-499; PPHY 100-499; RENR 100-499; RPTS
        100-499; WFS 100-499.

Total Credits and GPA  0.000

unofficial evaluation

Area : Communication ( 6.000 credits ) - Not Met

Met  Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No  A.  Communication Requirement
        Select 6 hours from any courses with the Communication
        attribute [KCOMM].

Total Credits and GPA  0.000

unofficial evaluation

Area : Mathematics ( 6.000 credits ) - Not Met

Met  Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No  A.  Mathematics Rqmt I 3hrs
        Select from any course with the Mathematics attribute
        [KMTH].

No  AND  B.  Mathematics Rqmt II 3hrs
        Select from any course with the Mathematics attribute
        [KMTH].

Total Credits and GPA  0.000

unofficial evaluation

Area : Life and Physical Sciences ( 9.000 credits ) - Not Met

Met  Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

unofficial evaluation

Area: Language, Philosophy & Culture (3.000 credits) - Not Met

| Met | Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses |
|-----|-----------------------------------------------|-----------------------------------------------|
| No  | A.                                           | Lang, Phil, Culture Rqmt 3hrs                 |
|     | Select any course with the Language, Philosophy and Culture attribute [KLPC]. | |

unofficial evaluation

Area: Creative Arts (3.000 credits) - Not Met

| Met | Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses |
|-----|-----------------------------------------------|-----------------------------------------------|
| No  | A.                                           | Creative Arts Requirement                      |
|     | Select three hours from any course with the Creative Arts attribute [KCRA]. | |

unofficial evaluation

Area: Social and Behavioral Science (3.000 credits) - Not Met

| Met | Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses |
|-----|-----------------------------------------------|-----------------------------------------------|
| No  | A.                                           | Economics Rqmt 3hrs                            |
|     | Select from AGEC 105; ECON 202, 203.         | |

unofficial evaluation

Area: Citizenship (12.000 credits) - Not Met

| Description | Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science. |

| Met | Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses |
|-----|-----------------------------------------------|-----------------------------------------------|
| No  | A.                                           | American History Rqmt 6hrs                     |
|     | Select from any course with the [KHIS] attribute. | |
| No  | AND B.                                       | Political Science Rqmt 6hrs                    |
|     | Take PCLS 206 and POLS 207.                  | |

unofficial evaluation
Area: General Electives (3.000 credits) - Not Met

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No A. General Electives 3hrs
Select from any 100-499 course not used elsewhere (except EDTC 305; STLC 100-499).

Total Credits and GPA 0.000

unofficial evaluation

Area: Work Not Applied - Met

Description: See advisor for acceptable substitutions.

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No A. Courses not applied

Total Credits and GPA

unofficial evaluation

Area: University Writing Requirement - Not Met

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No A. Writing Requirement
Two courses required. Only sections of AGSC 384, 402, 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.

Total Credits and GPA 0.000

unofficial evaluation

Area: Int'l & Cult Diversity - Not Met

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No A. Int'l & Cultural Diversity 6hrs
Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).

Total Credits and GPA 0.000

unofficial evaluation

Area: Foreign Language - Not Met

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No A. Foreign Language Reqmt
Complete one of the following:
1. Two years of the same foreign language in High School.
2. A two semester sequence of the same foreign language for University credit.

Total Credits and GPA 0.000
### Unofficial Evaluation

**Area:** Residence Requirement - Not Met  
**Description:** A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

<table>
<thead>
<tr>
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<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Residence - Major 12hrs</td>
<td>Select from ALED 300-499; AGSC 300-499.</td>
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</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>B. Residence 300-499 24hrs</td>
<td>Select from any 300-400 level course at Texas A&amp;M.</td>
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</tbody>
</table>

Total Credits and GPA

### Unofficial Evaluation

**Area:** GPR-Major - Not Met  
**Description:** A minimum GPR of 2.000 is required in all major field of studies courses.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
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<th>Title</th>
<th>Attribute</th>
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<th>Courses</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Major GPR 14+hrs</td>
<td>Includes AGSC 100-499; ALED 100-499.</td>
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</tbody>
</table>

Total Credits and GPA

### Unofficial Evaluation

Back to Display Options  
Print
CHANGE IN CURRICULUM

MAYS BUSINESS SCHOOL
BBA IN ACCOUNTING, FINANCE, MANAGEMENT,
MANAGEMENT INFORMATION SYSTEMS, MARKETING,
SUPPLY CHAIN MANAGEMENT, BUSINESS HONORS, UNIVERSITY STUDIES DEGREES
MEMORANDUM

August 26, 2015

To: Tim Scott, Chair, University Curriculum Committee

From: Martha Loudder, Associate Dean, Mays Business School

Subj: Request for Name Change – Common Body of Knowledge

In our curriculum, CBK stands for “Common Body of Knowledge.” This phrase is not meaningful to students and does not communicate what our CBK really is: foundational knowledge from all of the business disciplines. We think that redefining CBK to mean “Core Business Knowledge” will better to communicate to students the purpose and importance of these courses.

We would like to make this change for all Mays Business School undergraduate programs and in all of the documents that describe the undergraduate business major at Mays (catalog, student handbook, degree audit, etc.) effective Fall 2016.

We are not changing anything about the courses that comprise the CBK. The CBK will refer to the same set of courses that it always has, unless future changes are sent through the UCC. The only thing that will change is our description of what the letters C and B stand for.

Please let me know how we should proceed.
CHANGE IN CURRICULUM

COLLEGE OF GEOSCIENCES
DEPARTMENT OF OCEANOGRAPHY
BS IN ENVIRONMENTAL GEOSCIENCES
AND MS IN OCEANOGRAPHY 3+2
Texas A&M University
Request for a Change in Curriculum
Undergraduate + Graduate + Professional

1. Program request type: 
   √Undergraduate  √Graduate  □First Professional (ex. DVM, JD, MD, etc.)

2. Request change for: 
   √Degree Program  □Minor  □Certificate

3. Request submitted by (Department or Program Name):
   Oceanography
   Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union):
   Environmental Geosciences - 5-Year Bachelor of Science/Master of Science

4. Brief description of change:
   Change the existing MS in Oceanography to the new non-thesis Master of Ocean Science and Technology. The undergraduate portion of the FastTrack 3+2 remains the same.

5. Rationale for change:
   The non-thesis Master of Ocean Science and Technology (MOST) degree is a better fit for the objective of the 3+2 program. We were using the non-thesis MS as a placeholder until the MOST degree was finally approved.

6. Use the checkboxes below to make sure that all information is included.
   a. Proposed curriculum attached.  √Yes  □No
   b. Current catalog curriculum with handwritten edits attached.  √Yes  □No
   c. Current Howdy degree evaluation with handwritten edits attached.  √Yes  □No

   Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

7. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes?  □Yes  √No
   b. If yes, degree program hours will change from: ________ to: ________
   c. If yes, is the Texas Higher Education Coordinating Board form attached?  □Yes  √No

   http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BDFF01D60

8. a. If proposed changes affect other unit(s), are letters of support attached?  √Yes  □No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

[Signature]
Department Head or Program Chair (Type Name & Sign)  Date

[Signature]
Chair, College Review Committee  Date

[Signature]
Dean of College  Date

[Signature]
Chair, GC or UCC  Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra@cah.temple.edu
Curricular Services – 04/14

RECEIVED SEP 14 2015
3 September 2015

MEMORANDUM

To: Dr. Chris Houser, Associate Dean, Undergraduate and Faculty Affairs, College of Geosciences

To: Dr. Eric Riggs, Assistant Dean, Graduate Affairs and Diversity, College of Geosciences

From: Dr. Debbie Thomas, Department Head, Oceanography
       Dr. Christian Brännstrom, Director Environmental Programs, College of Geosciences

RE: Revisions to the Joint degree program between Oceanography and Environmental Geosciences

I have attached a revision to the 3+2 program for ENGS and the non M.S. in Oceanography. It has been modified to swap out the non-thesis MS in Oceanography with the newly approved Master of Ocean Science and Technology. This is simply a swap in the designation non thesis Master’s degree.

The degree plan remains the same with one correction. In footnote #4, “GEOS 470/OCNG 657” needs to be removed from the list where both courses cannot count for credit. These courses are sufficiently different, and both will count for credit.

If you have any questions, please contact the assistant department head, Dr. Shari Yvon-Lewis (979-458-1816; syvon-lewis@tamu.edu).
Environmental Geosciences - 5-Year Bachelor of Science/Master of Science in Oceanography

The Fast Track Program offers motivated and exceptional students the opportunity to achieve aspirations in an efficient program at Texas A&M, completing the Bachelor of Science (B.S.) degree in the Environmental Geosciences program and the Oceanography non-thesis MS degree in 5 years. There will be only two courses used for dual credit in this program. There is a total of 150 hours of coursework. The concurrent degree program will enable these motivated students to coordinate the required B.S. coursework (114 undergraduate credit hours plus 6 dual credit graduate courses) and non-thesis MS coursework (36 credit hours including the 6 dual credit graduate courses) to complete the required credit hours for each degree without diminishing scope or quality of work and within 5 years.

Application and Eligibility:

* Applications to the Fast Track program will be submitted by July 1 after the completion of the student's junior year. Applications submitted after that time will be evaluated on a case by case basis.
* Applicants must have a minimum undergraduate GPR of 3.0. Applicants must also earn a C or better in all Chemistry, Calculus and Physics courses. Once admitted to the program, students must maintain a minimum 3.0 GPR.
* A faculty advisor will be assigned to each student. Students may seek additional mentors, but a formal committee is not required.
* Students admitted into the Fast Track program must finish the entire 150 credit hours to obtain both the Bachelor's and Master's degrees. These students will be conferred with two degrees once they complete the 5th year of the concurrent program.
* Students admitted to the program will change from U4 to G7 status when they are admitted having completed at least 96 hours (end of spring semester, year 3).
* Students not accepted or not allowed to continue with the Fast Track Program will complete the 120 hour Bachelor's degree under the standard 4 year curriculum. These students may still apply to the traditional graduate program.
* Students will graduate at the completion of the 5th year in the Fast Track Program coursework (150 credit hours) with both Bachelor's and Master's degrees. Students will complete the coursework in May of the 5th year.

Program Requirements

First Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>GEOS 105</td>
<td>Introduction to Environmental Geoscience</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 111</td>
<td>Introductory Biology I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 151</td>
<td>Engineering Mathematics I</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>GEOS 101</td>
<td>Introduction to the Geosciences</td>
<td>1</td>
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<tr>
<td>POLS 206</td>
<td>American National Government</td>
<td>3</td>
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<tr>
<td>BIOL 112</td>
<td>Introductory Biology II</td>
<td>4</td>
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<tr>
<td>MATH 152</td>
<td>Engineering Mathematics II</td>
<td>4</td>
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<tr>
<td>American History</td>
<td>Language, philosophy and culture</td>
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Second Year

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<tr>
<th>Term Semester Credit Hours</th>
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Fall

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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>ATMO 201</td>
<td>Weather and Climate</td>
<td>4</td>
</tr>
<tr>
<td>&amp; ATMO 202</td>
<td>and Weather and Climate Laboratory</td>
<td></td>
</tr>
<tr>
<td>GEOG 203</td>
<td>Planet Earth</td>
<td>4</td>
</tr>
<tr>
<td>&amp; GEOG 213</td>
<td>and Planet Earth Lab</td>
<td></td>
</tr>
<tr>
<td>GEOL 101</td>
<td>Principles of Geology</td>
<td>3</td>
</tr>
<tr>
<td>OCGN 251</td>
<td>Oceanography</td>
<td>3</td>
</tr>
<tr>
<td>&amp; OCGN 252</td>
<td>and Oceanography Laboratory</td>
<td></td>
</tr>
<tr>
<td>CHEM 101</td>
<td>Fundamentals of Chemistry I</td>
<td>3</td>
</tr>
<tr>
<td>&amp; CHEM 111</td>
<td>and Fundamentals of Chemistry Laboratory</td>
<td>3</td>
</tr>
<tr>
<td>GEOG 201</td>
<td>Introduction to Human Geography</td>
<td>3</td>
</tr>
<tr>
<td>American History</td>
<td>Environmental Policy Elective</td>
<td>3</td>
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Select one of the following:

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<th>Course Title</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>AGEC 350</td>
<td>Environmental and Natural Resource Economics</td>
<td>3</td>
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<tr>
<td>BESC 367</td>
<td>U.S. Environmental Regulations</td>
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<tr>
<td>ECON 202</td>
<td>Principles of Economics</td>
<td>3</td>
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<tr>
<td>ECON 203</td>
<td>Principles of Economics</td>
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<tr>
<td>ECON 323</td>
<td>Microeconomic Theory</td>
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<td>ECON 435</td>
<td>Economics of Resource Scarcity</td>
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<td>GEOG 304</td>
<td>Economic Geography</td>
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<tr>
<td>GEOG 306</td>
<td>Introduction to Urban Geography</td>
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<tr>
<td>GEOG 309</td>
<td>Geography of Energy</td>
<td>3</td>
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<td>GEOG 401</td>
<td>Political Geography</td>
<td>3</td>
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<tr>
<td>GEOG 406</td>
<td>Geographic Perspectives on Contemporary Urban Issues</td>
<td>3</td>
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<td>GEOG 430</td>
<td>Environmental Justice</td>
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<td>PHIL 314</td>
<td>Environmental Ethics</td>
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<td>POLS 347</td>
<td>Politics of Energy and the Environment</td>
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<td>RENR 470</td>
<td>Environmental Impact Assessment</td>
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<td>SOCI 328</td>
<td>Environmental Sociology</td>
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<td>URPN 202</td>
<td>Building Better Cities</td>
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<td>URPN 360</td>
<td>Issues in Environmental Quality</td>
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<td>URPN 371</td>
<td>Environmental Health Planning and Policy</td>
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<td>URPN 460</td>
<td>Sustainable Communities</td>
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Spring

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<th>Course Title</th>
<th>Credit Hours</th>
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<td>Weather and Climate</td>
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<td>and Weather and Climate Laboratory</td>
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<td>Planet Earth</td>
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<td>&amp; GEOG 213</td>
<td>and Planet Earth Lab</td>
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<td>GEOL 101</td>
<td>Principles of Geology</td>
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<td>OCNG 251</td>
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<td>and Oceanography Laboratory</td>
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<td>CHEM 102</td>
<td>Fundamentals of Chemistry II</td>
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<td>&amp; CHEM 112</td>
<td>and Fundamentals of Chemistry Laboratory II</td>
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<tr>
<td>POLS 207</td>
<td>State and Local Government</td>
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<tr>
<td>Technical elective</td>
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<tr>
<td>ATMO 321</td>
<td>Computer Applications in the Atmospheric Sciences</td>
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<td>ATMO 441</td>
<td>Satellite Meteorology and Remote Sensing</td>
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<td>ATMO 464</td>
<td>Laboratory Methods in Atmospheric Sciences</td>
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<tr>
<td>GEOG 312</td>
<td>Data Analysis in Geography</td>
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<td>GEOG 351</td>
<td>Remote Sensing in Geosciences</td>
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<td>GEOG 330</td>
<td>Workshop in Environmental Studies</td>
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<td>GEOG 450</td>
<td>Field Geography</td>
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<td>GEOG 482</td>
<td>Advanced GIS Analysis for Natural</td>
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<td>ESSM 462</td>
<td>Resources Management</td>
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<td>Dynamic Modeling of Earth and Environmental Systems</td>
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<td>Advanced Topics in GIS (Geographic Information Systems)</td>
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<td>Introduction to Geological Field Methods</td>
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<td>GEOL 330</td>
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<td>GEOP 413</td>
<td>Near-surface Geophysics</td>
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<tr>
<td>OCNG 451</td>
<td>Mathematical Modeling of Ocean Climate</td>
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**Creative Arts**

**Fourth Year**

**Fall**

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<td>GEOG 390</td>
<td>Principles of Geographic Information Systems</td>
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<td>OCNG 604</td>
<td>Ocean Observing Systems</td>
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<td>OCNG 608</td>
<td>Physical Oceanography</td>
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<tr>
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Select one of the following:

<table>
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>OCNG 620</td>
<td>Biological Oceanography</td>
</tr>
<tr>
<td>OCNG 630</td>
<td>Geological Oceanography</td>
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<tr>
<td>OCNG 640</td>
<td>Chemical Oceanography</td>
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**Spring**

<table>
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<tr>
<td>OCNG 657</td>
<td>Data Methods and Graphical Representation in Oceanography</td>
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Fundamentals of Ocean Science Course

Select one of the following:

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<tr>
<td>OCNG 620</td>
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<tr>
<td>OCNG 630</td>
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Technical elective

Select two of the following:

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<tr>
<td>ATMO 321</td>
<td>Computer Applications in the Atmospheric Sciences</td>
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<tr>
<td>ATMO 441</td>
<td>Satellite Meteorology and Remote Sensing</td>
</tr>
<tr>
<td>ATMO 464</td>
<td>Laboratory Methods in Atmospheric Sciences</td>
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<tr>
<td>GEOG 312</td>
<td>Data Analysis in Geography</td>
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<td>GEOG 361</td>
<td>Remote Sensing in Geosciences</td>
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<td>GEOG 380</td>
<td>Workshop in Environmental Studies</td>
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</tbody>
</table>
GEOG 450 Field Geography
GEOG 462/ ESSM 462 Advanced GIS Analysis for Natural Resources Management
GEOG 467 Dynamic Modeling of Earth and Environmental Systems
GEOG 475 Advanced Topics in GIS (Geographic Information Systems)
GEOG 476 GIS Practicum
GEOL 309 Introduction to Geological Field Methods
GEOL 330 Geologic Field Trips
GEOL 352/ GNSS in the Geosciences
GEOL 352 Near-surface Geophysics
OCNG 451 Mathematical Modeling of Ocean Climate

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Fifth Year

Fall

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Spring

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1 Freshmen entering the program take a first year seminar, GEOS 101. The choice is not restricted. Students transferring or changing majors into the program, who have not taken GEOS 101, are required to take GEOS 481 in their junior or senior year.

2 It is recommended to select a course that also fulfills an International and Cultural Diversity requirement.

3 Select from course list below. If students use nine credits of allowed OCNG courses (e.g. OCNG 401, OCNG 350, OCNG 451, OCNG 485) as Coastal and Marine Environments theme electives, they will receive an OCNG minor with their BS in ENGS degree. If one of the introductory Geoscience course and associated labs listed in Year Two is OCNG 251 with OCNG 252, then only two (six credits) of the theme electives needs to be from OCNG to still get the minor.

4 Students will not be permitted to receive credit for both the 400- and 600-level versions of certain courses because the content and learning outcomes are too similar (e.g. OCNG 440/OCNG 640, GEOG 470/OCNG 657).

5 These two graduate courses will be taken for dual undergraduate/graduate credit and will contribute to the minor.

Coastal and Marine Environments Theme List
GEOG 370/ Coastal Processes
MARS 370
OCNG 401 Interdisciplinary Oceanography

Select the remaining courses from the following: 4

<table>
<thead>
<tr>
<th>Course</th>
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<td>GEOG 360 Natural Hazards</td>
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<td>GEOL 306 Sedimentology and Stratigraphy</td>
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<td>GEOL 440 Engineering Geology</td>
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<td>GEOS 444 The Science and Politics of Global Climate Change</td>
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<td>GEOS 484 Internship</td>
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<td>OCNG 350 Marine Pollution</td>
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<td>OCNG 410 Introduction to Physical Oceanography</td>
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<td>OCNG 425 Microbial Oceanography</td>
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<tr>
<td>WFSC 418 Ecology of the Coastal Zone</td>
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<td>WFSC 425 Marine Fisheries</td>
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<td>WFSC 428 Wetland Ecosystem Management</td>
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</table>

Two courses in the degree plan must be writing intensive courses designated by the Environmental Programs in the schedule of classes. Also, international and cultural diversity electives (6 hours) must be incorporated into the degree.

Any of the required courses may be taken during the summer sessions to diminish the heavy semester loads during Years 2 and 3.
Detail Requirements

Information for Degree Evaluation

This is NOT an official evaluation.

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Limitation No more than 6 hours of 484 credit may be used in this degree program.

Program: BS ENGS - 3+2 Program
Campus: College Station
College: Geosciences
Degree: Bachelor of Science
Level: Undergraduate
Majors: Environmental Geoscience
Departments: College of Geosciences

Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date:
Request Number: 159
Results as of: Sep 04, 2015
Minors:
Concentrations:

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Other Course Information
Transfer:

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This is NOT an official evaluation.

Area: Major Coursework (16.000 credits) - Not Met

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unofficial evaluation

**Area : Supporting Coursework ( 20.000 credits ) - Not Met**

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unofficial evaluation

**Area : Environmental Theme Electives ( 18.000 credits ) - Not Met**

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unofficial evaluation

**Area : Communication ( 6.000 credits ) - Not Met**
unofficial evaluation

**Area: Mathematics (11.000 credits) - Not Met**

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unofficial evaluation

**Area: Life and Physical Sciences (28.000 credits) - Not Met**

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unofficial evaluation

**Area : Language, Philosophy & Culture (3.000 credits) - Not Met**

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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<tr>
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<td>A.</td>
<td></td>
<td>Lang, Phil, Culture Rqmt 3hrs</td>
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<td></td>
<td>Select any course with the Language, Philosophy and Culture attribute (KLP).</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area : Creative Arts (3.000 credits) - Not Met**

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<th>Credits</th>
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<td>Creative Arts Rqmt</td>
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<td>Select three hours from any course with the Creative Arts attribute (KCRA).</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area : Social and Behavioral Science (3.000 credits) - Not Met**

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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area : Citizenship (12.000 credits) - Not Met**

**Description :** Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

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<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<tr>
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<td>A.</td>
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<td>American History Rqmt 6hrs</td>
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<td>Select from any course with the [KHIS] attribute.</td>
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<tr>
<td>No</td>
<td>AND B.</td>
<td></td>
<td>Political Science Rqmt 6hrs</td>
<td></td>
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<td>Take POLS 206 and POLS 207.</td>
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### Unofficial Evaluation

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<td>Courses not applied</td>
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### Unofficial Evaluation

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<tr>
<td></td>
<td>Two courses required. Only sections of ATMO 456, 459, 463, 491; GEOG 309, 324, 360, 404, 430, 435, 476, 491; GEOL 301, 311-312, 410 420, 440, 491; GEOP 491; GEOS 405, 491; UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
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### Unofficial Evaluation

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<tr>
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<th>Int'l &amp; Cult Diversity - Not Met</th>
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<tr>
<td>Met Condition Rule Subject Attribute Low</td>
<td>Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source</td>
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<tr>
<td>No</td>
<td>Int'l &amp; Cultural Diversity 6hr</td>
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<tr>
<td></td>
<td>Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).</td>
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### Unofficial Evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Foreign Language - Not Met</th>
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**Detail Requirements**

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<td>No</td>
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<td>Foreign Language Rqmt</td>
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<td>Complete one of the following:</td>
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<tr>
<td></td>
<td></td>
<td>1. Two years of the same foreign language in High School.</td>
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<td>2. A two semester sequence of the same foreign language for University credit.</td>
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**unofficial evaluation**

**Area :** Residence Requirement - Not Met

**Description :** A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

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<th>Subject</th>
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<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
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<td>Select from AGEC 350; BESC 367; ECON 323, 435; GEOG 304, 309, 330, 360, 401, 406, 430; GEOS 401, 405, 470, 481; POLS 347; RENR 470; SOCI 328; URPN 360, 371, 460.</td>
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<td>No</td>
<td>AND</td>
<td>B. Residence 300-499 24hrs</td>
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<td>Select any 300 or 400 level courses.</td>
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**unofficial evaluation**

**Area :** GPR-Major - Not Met

**Met | Condition | Rule | Subject | Attribute | Low | High | Required Credits | Required Courses | Term Subject | Course Title | Attribute | Credits | Grade | Source |
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<td>Includes ATMO 201, 202; GEOG 201, 203, 213, 330; GEOL 101, 104, 420; GEOS 101, 105, 405, 470, 481; OCNG 251, 252, 657.</td>
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**unofficial evaluation**

**Back to Display Options**

1

[Print](https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption) 9/4/2015
CHANGE IN CURRICULUM

COLLEGE OF GEO SCIENCES
DEPARTMENT OF GEOLOGY AND GEOPHYSICS
BA IN GEOLOGY AND MS IN OCEANOGRAPHY 3+2
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type:  
   ☑ Undergraduate  ☑ Graduate  ☐ First Professional (e.g., DVM, JD, MD, etc.)

2. Request change for:  
   ☑ Degree Program  ☐ Minor  ☐ Certificate

3. Request submitted by (Department or Program Name):  
   Oceanography

4. Program Designation and Name  
   (e.g., B.A. in History, Minor in History, Certificate in European Union):  
   Geology - 5-Year Bachelor of Arts/Master of Science in Oceanography

5. Brief description of change:  
   Change the existing MS in Oceanography to the new non thesis Master of Ocean Science and Technology. The undergraduate portion of the FastTrack 3+2 remains the same.

6. Rationale for change:  
   The non-thesis Master of Ocean Science and Technology (MOST) degree is a better fit for the objective of the 3+2 program. We were using the non thesis MS as a placeholder until the MOST degree was finally approved.

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached.  ☑ Yes  ☐ No
    b. Current catalog curriculum with handwritten edits attached.  ☑ Yes  ☐ No
    c. Current Howdy degree evaluation with handwritten edits attached.  ☑ Yes  ☐ No

   Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes?  ☐ Yes  ☑ No
    b. If yes, degree program hours will change from:  ________  to:  ________
    c. If yes, is the Texas Higher Education Coordinating Board form attached?  ☐ Yes  ☑ No

   http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756-A03B3FF01D60

9. If proposed changes affect other unit(s), are letters of support attached?  ☑ Yes  ☐ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Department Head or Program Chair (Type Name & Sign)  Date
Dean of College  Date
Chair, College Review Committee  Date
Chair, GC or UCC  Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or curricular.services@tamu.edu
Curricular Services – 04/14
3 September 2015

MEMORANDUM

To: Dr. Chris Houser, Associate Dean, Undergraduate and Faculty Affairs, College of Geosciences

To: Dr. Eric Riggs, Assistant Dean, Graduate Affairs and Diversity, College of Geosciences

From: Dr. Debbie Thomas, Department Head, Oceanography
Dr. Michael Popc, Department Head, Geology and Geophysics

RE: Revisions to the Joint degree program between Oceanography and the BA in Geology

I have attached a revision to the 3+2 program for the BA in GEOL and the non-thesis MS in Oceanography. It has been modified to swap out the non-thesis MS in Oceanography with the newly approved Master of Ocean Science and Technology. This is simply a swap in the designation non thesis Master’s degree.

The degree plan remains the same with one correction. In footnote #3, “GEOS 470/OCNG 657” needs to be removed from the list where both courses cannot count for credit. These courses are sufficiently different, and both will count for credit.

If you have any questions, please contact the assistant department head, Dr. Shari Yvon-Lewis (979-458-1816; syvon-lewis@tamu.edu).
Geology - 5-Year Bachelor of Arts/Master of Science in Oceanography

The Fast Track Program offers motivated and exceptional students the opportunity to achieve aspirations in an efficient program at Texas A&M, completing the Bachelor of Arts (B.A.) degree in the Department of Geology and Geophysics Geology Program and the Oceanography non-thesis M.S. degree in 5 years. There will be only two courses used for dual credit in this program. There is a total of 150 hours of coursework. The concurrent degree program will enable these motivated students to coordinate the required B.A. coursework (114 undergraduate credit hours plus 6 dual credit graduate courses) and non-thesis M.S. coursework (36 credit hours including the 6 dual credit graduate courses) to complete the required credit hours for each degree without diminishing scope or quality of work and within 5 years.

Application and Eligibility:

- Applications to the Fast Track program will be submitted by July 1 after the completion of the student's junior year. Applications submitted after that time will be evaluated on a case by case basis.
- Applicants must have a minimum undergraduate GPR of 3.0. Applicants must also earn a C or better in all Chemistry, Calculus and Physics courses. Once admitted to the program, students must maintain a minimum 3.0 GPR.
- A faculty advisor will be assigned to each student. Students may seek additional mentors, but a formal committee is not required.
- Students admitted into the Fast Track program must finish the entire 150 credit hours to obtain both the Bachelor's and Master's degrees. These students will be conferred with two degrees once they complete the 5th year of the concurrent program.
- Students admitted to the program will change from U4 to G7 status when they are admitted having completed at least 102 hours (end of spring semester, year 3).
- Students not accepted or not allowed to continue with the Fast Track Program will complete the 120 hour Bachelor's degree under the standard 4 year curriculum. These students may still apply to the traditional graduate program.
- Students will graduate at the completion of the 5th year in the Fast Track Program coursework (150 credit hours) with both Bachelor's and Master's degrees. Students will complete the coursework in May of the 5th year.

Program Requirements

First Year

<table>
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<th>Semester</th>
<th>Credit Hours</th>
</tr>
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<tr>
<td>Fall</td>
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<tr>
<td>GEOL 104</td>
<td>Physical Geology</td>
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<tr>
<td>CHEM 101</td>
<td>Fundamentals of Chemistry I</td>
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<tr>
<td>&amp; CHEM 111</td>
<td>and Fundamentals of Chemistry Laboratory I</td>
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<tr>
<td>MATH 151</td>
<td>Engineering Mathematics I</td>
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<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
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<td>GEOS First Year Seminar</td>
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Second Year

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<tr>
<td>GEOL 203</td>
<td>Mineralogy</td>
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<td>GEOL 311</td>
<td>Principles of Geological Writing</td>
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<td>GEOP 341</td>
<td>Global Geophysics</td>
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<td>PHYS 218</td>
<td>Mechanics</td>
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Spring

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<td>Introduction to Petrology</td>
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<td>GEOL 306</td>
<td>Sedimentology and Stratigraphy</td>
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<td>PHYS 208</td>
<td>Electricity and Optics</td>
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<td>Government/Political science</td>
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Third Year

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<td>GEOL 330</td>
<td>Geologic Field Trips</td>
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<td>GEOL elective</td>
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<td>Government/Political science</td>
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<td>American history</td>
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<td>Minor or free elective</td>
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Fourth Year

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</tr>
<tr>
<td>Social and behavioral sciences</td>
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<tr>
<td>American history</td>
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</table>
OCNG 604  Ocean Observing Systems \(^{2,4,5}\)  
OCNG 608  Physical Oceanography \(^{2,4,5}\)  
OCNG 603  Communicating Ocean Science  

<table>
<thead>
<tr>
<th>Term Semester Credit Hours</th>
<th>15</th>
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</thead>
</table>

**Spring**

GEOL elective  
Language, philosophy and culture  
OCNG 657  Data Methods and Graphical Representation in Oceanography \(^4\)  
OCNG 620  Biological Oceanography \(^4\)  
OCNG 640  Chemical Oceanography \(^4\)  

<table>
<thead>
<tr>
<th>Term Semester Credit Hours</th>
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**Fifth Year**

**Fall**

<table>
<thead>
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<th>Semester Credit Hours</th>
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Advanced specialized OCNG graduate course  
Advanced specialized OCNG graduate course  
Advanced specialized OCNG graduate course  

**Spring**

Advanced specialized CCNG graduate course  
Advanced specialized CCNG graduate course  
Capstone Experience II  

<table>
<thead>
<tr>
<th>Term Semester Credit Hours</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Total Semester Credit Hours</th>
<th>18</th>
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</thead>
</table>

---

1 Any of the required courses may be taken during the summer sessions to diminish the heavy semester loads during Years Two and Three.

2 If students use six credits of allowed OCNG courses (e.g. OCNG 251 or OCNG 401, OCNG 252, OCNG 350, OCNG 451, OCNG 485) as minor or free electives, they will receive an OCNG minor with their BA in GEOL.

3 A second W course is required. GEOL 312 is offered as a W option when taught by Dr. Julie Newman, and other GEOL electives also fulfill the W requirement (including GEOL 491 when arranged with the permission of the instructor).

4 Students will not be permitted to receive credit for both the 400- and 600-level versions of certain courses because the content and learning outcomes are too similar (e.g. OCNG 410/OCNG 608, OCNG 440/OCNG 640, GEOL 470/OCNG 657).

5 Graduate courses will be taken for dual undergraduate/graduate credit and may contribute to the minor.

---

**Admission Process**

Apply: End of junior year after 6 semesters; minimum GPR = 3.0.

Decision: August prior to starting graduate course work in Fall of Senior Year.

Change to graduate status (G7).
Detail Requirements

Information for Degree Evaluation

This is NOT an official evaluation.

Program Evaluation

Limitation: Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation: Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

<table>
<thead>
<tr>
<th>Program</th>
<th>BA GEOL - GOC program</th>
<th>Catalog Term</th>
<th>Fall 2015 - College Station</th>
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<td>Evaluation Term</td>
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<td>College</td>
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<td>Results as of</td>
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<td>Concentrations</td>
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<table>
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<tr>
<th>Met</th>
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<td>Overall GPA</td>
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This is NOT an official evaluation.

Area: Major Coursework (46.000 credits) - Not Met

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<th>Required Credits</th>
<th>Required Courses</th>
<th>Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
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<td>No</td>
<td>AND</td>
<td>C. GEOL 203</td>
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<td>No</td>
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<td>D. GEOL 330</td>
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<td>F. GEOL 306</td>
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<td>G. GEOL 309</td>
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unofficial evaluation

**Area : Supporting Coursework (19.000 credits) - Not Met**

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<th>High</th>
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<th>Required Courses</th>
<th>Term</th>
<th>Subject</th>
<th>Course</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<td>A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Technical Electives 4hrs</td>
<td>Any technical course that augments the degree with approval of an academic advisor, (DE)</td>
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<tr>
<td>No</td>
<td>B.</td>
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<td>Minor Emphasis 15hrs</td>
<td>Must be chosen in consultation with advisor.</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area : Communication (6.000 credits) - Not Met**

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<tr>
<td>No</td>
<td>B.</td>
<td></td>
<td>Communication Reqmt 3hrs</td>
<td>Select 3 hours from any courses with the Communication attribute [KCOM].</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area : Mathematics (6.000 credits) - Not Met**

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<th>Credits</th>
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<tr>
<td>No</td>
<td>B.</td>
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<td>Math 152</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

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<tr>
<th>Area: Life and Physical Sciences (16.000 credits) - Not Met</th>
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Total Credits and GPA 0.000 .00

unofficial evaluation

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<th>Area: Language, Philosophy &amp; Culture (3.000 credits) - Not Met</th>
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</table>

Select any course with the Language, Philosophy and Culture attribute [KLPC].

Total Credits and GPA 0.000 .00

unofficial evaluation

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<th>Area: Creative Arts (3.000 credits) - Not Met</th>
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Select three hours from any course with the Creative Arts attribute [KCRA].

Total Credits and GPA 0.000 .00

unofficial evaluation

<table>
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<tr>
<th>Area: Social and Behavioral Sciences (3.000 credits) - Not Met</th>
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Select from courses with the Social and Behavioral Science attribute [KSOC].

### Unofficial Evaluation

**Area:** Citizenship (12.000 credits) - Not Met  
**Description:** Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

**Met**  
**Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source**  

<table>
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<th>American History Rqmt 6hrs</th>
<th>Select from any course with the [KHIS] attribute.</th>
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<tbody>
<tr>
<td>No</td>
<td>B.</td>
<td>Political Science Rqmt 6hrs</td>
<td>Take POLS 206 and POLS 207.</td>
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</table>

**Total Credits and GPA**  
0.000  
.00

### Unofficial Evaluation

**Area:** General Electives (6.000 credits) - Not Met  
**Description:** Select any course from 100-499 not used elsewhere. (Except AERS 100-499; BUSN 100; ENGL 100, 103; KINE 198, 199; MATH 102, 103, 131, 141, 142, 150, 151, 166, 171; MLSC 100-499; NVSC 100-499; PHYS 101, 201, 202, 208, 218, 219; SOMS 100-499; STLC 100-499; LABA 201.)

**Total Credits and GPA**  
0.000  
.00

### Unofficial Evaluation

**Area:** Work Not Applied - Met  
**Description:** See advisor for acceptable substitutions.

**Met**  
**Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source**  

| No | A. | Courses not applied |

**Total Credits and GPA**  
0.000  
.00

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9/4/2015
**Area: University Writing Requirement - Not Met**

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<th>Credits</th>
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<td>A.</td>
<td>Writing Requirement</td>
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<td></td>
<td></td>
<td>Two courses required. Only sections of GEOL 301, 311, 312, 420, 440, 491 with the Writing attribute (UWRT) may be used to satisfy this requirement.</td>
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**unofficial evaluation**

**Area: Int'l & Cult Diversity - Not Met**

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<th>Met</th>
<th>Condition</th>
<th>Rule Subject</th>
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<th>Grade</th>
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<tr>
<td></td>
<td>A.</td>
<td>Int'l &amp; Cultural Diversity 6hr</td>
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<td>Select from courses with the International and Cultural Diversity attribute (UICD) (except sections of BUSN 289 with the UWRT attribute).</td>
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**unofficial evaluation**

**Area: Foreign Language - Not Met**

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<th>Attribute</th>
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<th>Credits</th>
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<tr>
<td></td>
<td>A.</td>
<td>Foreign Language Rqmt</td>
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<td>Complete one of the following: 1. Two years of the same foreign language in High School. 2. A two semester sequence of the same foreign language for University credit.</td>
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**unofficial evaluation**

**Area: Residence Requirement - Not Met**

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<th>Condition</th>
<th>Rule Subject</th>
<th>Attribute</th>
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<td>A.</td>
<td>Residence-Major 12hrs</td>
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<td></td>
<td>Select from GEOL 309-499 and GEOP 400-499.</td>
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</table>

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9/4/2015
Detail Requirements

No AND B. Residence 300-499 24hrs
Select any 300 or 400 level course.

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<table>
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<th>Area</th>
<th>GPR-Major - Not Met</th>
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<td>Condition Rule Subject</td>
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<td>A. Major GPR 34+hrs</td>
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<td></td>
<td>Include: CHEM 100-499; GEOL 100-499; GEOP 100-499; MATH 141-152, 171-172, 221, 251, 253, 308, 311, 412; PHYS 208, 218, 219, 221, 202, 204.</td>
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unofficial evaluation

Back to Display Options

CHANGE IN CURRICULUM

COLLEGE OF GEOSCIENCES
DEPARTMENT OF GEOLOGY AND GEOPHYSICS
BS IN GEOLOGY AND MS IN OCEANOGRAPHY 3+2
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: 
   - Undergraduate ✓
   - Graduate ✓
   - First Professional (ex., DVM, JD, MD, etc.) □

2. Request change for: 
   - Degree Program ✓
   - Minor □
   - Certificate □

3. Request submitted by (Department or Program Name): 
   - Oceanography

4. Program Designation and Name 
   (e.g., B.A. in History, Minor in History, Certificate in European Union): 
   - Geology - 5-Year Bachelor of Science/Master of Science in Oceanography

5. Brief description of change: 
   Change the existing MS in Oceanography to the new non thesis Master of Ocean Science and Technology. The undergraduate portion of the FastTrack 3+2 remains the same.

6. Rationale for change: 
   The non-thesis Master of Ocean Science and Technology (MOST) degree is a better fit for the objective of the 3+2 program. We were using the non thesis MS as a placeholder until the MOST degree was finally approved.

7. a. Proposed curriculum attached. 
   - Yes ✓
   - No □

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? 
   - Yes □
   - No ✓

   b. If yes, degree program hours will change from: _________ to: _________

   c. If yes, is the Texas Higher Education Coordinating Board form attached? 
   - Yes □
   - No ✓

   http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60

9. If proposed changes affect other unit(s), are letters of support attached? 
   - Yes ✓
   - No □

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by: 

Department Head or Program Chair (Type Name & Sign)  Date  9/9/15

Chair, College Review Committee  Date  9/9/15

Dean of College  Date  9/9/15

Chair, GC or UCC  Date  9/9/15

Questions regarding this form should be directed to Curricular Services at 845-8201 or suziej@tamu.edu
Curricular Services – 04/14
3 September 2015

MEMORANDUM

To: Dr. Chris Houser, Associate Dean, Undergraduate and Faculty Affairs, College of Geosciences

To: Dr. Eric Riggs, Assistant Dean, Graduate Affairs and Diversity, College of Geosciences

From: Dr. Debbie Thomas, Department Head, Oceanography
Dr. Michael Pope, Department Head, Geology and Geophysics

RE: Revisions to the Joint degree program between Oceanography and the BS in Geology

I have attached a revision to the 3+2 program for the BS in GEOL and the non-thesis MS in Oceanography. It has been modified to swap out the non-thesis MS in Oceanography with the newly approved Master of Ocean Science and Technology. This is simply a swap in the designation non thesis Master’s degree.

The degree plan remains the same with one correction. In footnote #4, “GEOS 470/OCNG 657” needs to be removed from the list where both courses cannot count for credit. These courses are sufficiently different, and both will count for credit.

If you have any questions, please contact the assistant department head, Dr. Shari Yvon-Lewis (979-458-1816; syvon-lewis@tamu.edu).
Geology - 5-Year Bachelor of Science/Master of Science in Oceanography

The Fast Track Program offers motivated and exceptional students the opportunity to achieve aspirations in an efficient program at Texas A&M, completing the Bachelor of Science (B.S.) degree in the Department of Geology and Geophysics Geology Program and the Oceanography nonthesis M.S. degree in 5 years. There will be only two courses used for dual credit in this program. There is a total of 150 hours of coursework. The concurrent degree program will enable these motivated students to coordinate the required B.S. coursework (114 undergraduate credit hours plus 6 dual credit graduate courses) and non-thesis M.S. coursework (36 credit hours including the 6 dual credit graduate courses) to complete the required credit hours for each degree without diminishing scope or quality of work and within 5 years.

Application and Eligibility

- Applications to the Fast Track program will be submitted by July 1 after the completion of the student's junior year. Applications submitted after that time will be evaluated on a case by case basis.
- Applicants must have a minimum undergraduate GPR of 3.0. Applicants must also earn a C or better in all Chemistry, Calculus and Physics courses. Once admitted to the program, students must maintain a minimum 3.0 GPR.
- A faculty advisor will be assigned to each student. Students may seek additional mentors, but a formal committee is not required.
- Students admitted into the Fast Track program must finish the entire 150 credit hours to obtain both the Bachelor's and Master's degrees. These students will be conferred with two degrees once they complete the 5th year of the concurrent program.
- Students admitted to the program will change from U4 to G7 status when they are admitted having completed at least 96 hours (end of spring semester, year 3).
- Students not accepted or not allowed to continue with the Fast Track Program will complete the 120 hour Bachelor's degree under the standard 4 year curriculum. These students may still apply to the traditional graduate program.

Students will graduate at the completion of the 5th year in the Fast Track Program coursework (150 credit hours) with both Bachelor's and Master's degrees. Students will complete the coursework in May of the 5th year.

Program Requirements

### First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Credit Hours</th>
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<tbody>
<tr>
<td>Fall</td>
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</tr>
<tr>
<td>GEOL 104</td>
<td>Physical Geology</td>
</tr>
<tr>
<td>CHEM 101</td>
<td>Fundamentals of Chemistry I</td>
</tr>
<tr>
<td>&amp; CHEM 111</td>
<td>and Fundamentals of Chemistry Laboratory I</td>
</tr>
<tr>
<td>MATH 151</td>
<td>Engineering Mathematics I</td>
</tr>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
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<td>GEOS First Year Seminar</td>
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### Second Year

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<td>Spring</td>
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<tr>
<td>GEOL 106</td>
<td>Historical Geology</td>
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<tr>
<td>CHEM 102</td>
<td>Fundamentals of Chemistry II</td>
</tr>
<tr>
<td>&amp; CHEM 112</td>
<td>and Fundamentals of Chemistry Laboratory II</td>
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<tr>
<td>MATH 152</td>
<td>Engineering Mathematics II</td>
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<table>
<thead>
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<tbody>
<tr>
<td>Fall</td>
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<tr>
<td>GEOL 203</td>
<td>Mineralogy I</td>
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<tr>
<td>GEOL 311</td>
<td>Principles of Geological Writing I, II</td>
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<td>GEOP 341</td>
<td>Global Geophysics I</td>
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<td>PHYS 218</td>
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### Third Year

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<tr>
<td>GEOL 302</td>
<td>Introduction to Petrology I</td>
</tr>
<tr>
<td>GEOL 306</td>
<td>Sedimentology and Stratigraphy I</td>
</tr>
<tr>
<td>PHYS 208</td>
<td>Electricity and Optics I</td>
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<td>Government/Political science I</td>
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<td>MATH 308</td>
<td>Differential Equations I</td>
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<tr>
<td>GEOL 451</td>
<td>Introduction to Geochemistry I</td>
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<tr>
<td>GEOL 305</td>
<td>Paleobiology I</td>
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<tr>
<td>GEOL 309</td>
<td>Introduction to Geological Field Methods I</td>
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<tr>
<td>Government/Political science I</td>
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<tr>
<td>American history I</td>
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<td><strong>Term Semester Credit Hours</strong></td>
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### Fourth Year

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<tr>
<td>GEOL 304</td>
<td>Igneous and Metamorphic Petrology I</td>
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<tr>
<td>GEOL 312</td>
<td>Structural Geology and Tectonics I, II</td>
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<td>GEOL Elective I, II</td>
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<td>OCNG 430</td>
<td>Introduction to Geological Oceanography I, III</td>
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<td>Creative arts I</td>
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<td>GEOL 300</td>
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<th>Credit Hours</th>
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<tbody>
<tr>
<td>Fourth Year</td>
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</table>
Social and behavioral sciences 3  
American history 3  
OCNG 504 Ocean Observing Systems 4 3  
OCNG 508 Physical Oceanography 4 3  
OCNG 603 Communicating Ocean Science 3  

Term Semester Credit Hours 15  

Spring  
Technical elective 3  
Language, philosophy and culture 3  
OCNG 357 Data Methods and Graphical Representation in Oceanography 3  
OCNG 920 Biological Oceanography 3 3  
OCNG 940 Chemical Oceanography 4 3  

Term Semester Credit Hours 15  

Total Semester Credit Hours: 129  

Fifth Year  
Fall  
Semester Credit Hours  
Advanced specialized OCNG graduate course 3  
Advanced specialized OCNG graduate course 3  
Advanced specialized OCNG graduate course 3  

Term Semester Credit Hours 9  

Spring  
Advanced specialized OCNG graduate course 3  
Advanced specialized OCNG graduate course 3  
Capstone Experience II  

Term Semester Credit Hours 6  

Total Semester Credit Hours: 15  

1 Any of the required courses may be taken during the Summer Sessions to diminish the heavy semester loads during Years Two and Three.  
2 A second W course is required. GEOL 312 is offered as a W option when taught by Dr. Julie Newman, and other GEOL electives also fulfill the W requirement (including GEOL 491 when arranged with the permission of the instructor).  
3 Students will not be permitted to receive credit for both the 400- and 600-level versions of certain courses because the content and learning outcomes are too similar (e.g. OCNG 410/OCNG 608, OCNG 440/OCNG 640; GEOL 470/GEOL 670).  
4 Graduate courses will be taken for dual undergraduate/graduate credit.  

Admission Process  
Apply: End of junior year after 6 semesters; minimum GPR = 3.0.  
Decision: August prior to starting graduate course work in Fall of Senior Year.  
Change to graduate status (G7).  
Apply for graduate degree plan upon approval of G7 status.
**Detail Requirements**

Information for Degree Evaluation

This is NOT an official evaluation.

**Program Evaluation**

**Limitation** Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

**Limitation** Must maintain a minimum 3.0 program GPR.

**Combination** Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

<table>
<thead>
<tr>
<th>Program</th>
<th>BS GEOL - GOC program</th>
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<tbody>
<tr>
<td>Campus</td>
<td>College Station</td>
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<tr>
<td>College</td>
<td>Geosciences</td>
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<td>Degree</td>
<td>Bachelor of Science</td>
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<td>Departments</td>
<td>Geology &amp; Geophysics</td>
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<table>
<thead>
<tr>
<th>Catalog Term</th>
<th>Fall 2015 - College Station</th>
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<tbody>
<tr>
<td>Evaluation Term</td>
<td>Fall 2015 - College Station</td>
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<td>Results as of</td>
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<td>Program GPA :</td>
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<td>Overall GPA :</td>
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This is NOT an official evaluation.

**Area : Major Coursework (51.000 credits) - Not Met**

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<th>High</th>
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<th>Required Courses</th>
<th>Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
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<td>104</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>GEOL</td>
<td>106</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>C.</td>
<td>GEOL</td>
<td>203</td>
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<td>No</td>
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<td>D.</td>
<td>GEOL</td>
<td>300</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>E.</td>
<td>GEOL</td>
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<td>AND</td>
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<td>GEOL</td>
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https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption

9/4/2015
unofficial evaluation

**Area: Supporting Coursework (12.000 credits) - Not Met**

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<th>High</th>
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<th>Required Courses</th>
<th>Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
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<tr>
<td>No</td>
<td>A.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Technical Electives 12hrs</td>
<td>Any science, math or engineering course that augments the degree with approval of an academic advisor. (D3)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Two of these will be the dual credit 600 level courses taken in year four.</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

**Area: Communication (6.000 credits) - Not Met**

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<th>Required Courses</th>
<th>Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
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<td>A.</td>
<td></td>
<td>ENGL 104</td>
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<tr>
<td>No</td>
<td>B.</td>
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<td>Communication Reqmt 3hrs</td>
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Total Credits and GPA 0.000 .00

unofficial evaluation

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Total Credits and GPA 0.000 .00
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<td>No</td>
<td>A.</td>
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<tr>
<td>No AND</td>
<td>B.</td>
</tr>
<tr>
<td>No AND</td>
<td>C.</td>
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<tr>
<td>No AND</td>
<td>D.</td>
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Unofficial Evaluation

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<th>Area: Language, Philosophy &amp; Culture (3.000 credits)</th>
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Unofficial Evaluation

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Unofficial Evaluation

### Social and Behavioral Sciences (3.000 credits) - Not Met

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<th>Low</th>
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<th>Course</th>
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Total Credits and GPA: 0.000 .00

**unofficial evaluation**

### Citizenship (12.000 credits) - Not Met

**Description:** Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

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<th>Attribute</th>
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<th>High</th>
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<th>Required Courses</th>
<th>Term</th>
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<th>Course</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<td>American History</td>
<td>Rqmt</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Political Science</td>
<td>Rqmt</td>
<td>6hrs</td>
<td>Take POLS 206 and POLS 207.</td>
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Total Credits and GPA: 0.000 .00

**unofficial evaluation**

### Work Not Applied - Met

**Description:** See advisor for acceptable substitutions.

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<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
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<th>Required Courses</th>
<th>Term</th>
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<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tr>
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<td>Courses not applied</td>
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</tbody>
</table>

Total Credits and GPA: 0.000 .00

**unofficial evaluation**

### University Writing Requirement - Not Met

**Description:** Two courses required. Only sections of GEOL 301, 311, 312, 420, 440, 491 with the Writing attribute [JWRT] may be used to satisfy this requirement.

**unofficial evaluation**

https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption

9/4/2015
unofficial evaluation

**Area: Intl & Cult Diversity - Not Met**

<table>
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<tr>
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<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td></td>
<td>Intl &amp; Cultural Diversity 6hr</td>
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<td>Select from courses with the International and Cultural Diversity attribute [UICD] (except: sections of BUSN 289 with the UWRT attribute).</td>
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unofficial evaluation

**Area: Foreign Language - Not Met**

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<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
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<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<td>Foreign Language Rqmt</td>
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<td>Complete one of the following:</td>
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<td></td>
<td>1. Two years of the same foreign language in High School.</td>
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<td>2. A two semester sequence of the same foreign language for University credit.</td>
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unofficial evaluation

**Area: Residence Requirement - Not Met**

**Description:** A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

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<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
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<tbody>
<tr>
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<td>A.</td>
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<td>Residence-Major 12hrs</td>
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<td>Select from GEOL 339-499 and GEOP 400-499.</td>
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<td>No</td>
<td>AND</td>
<td>B.</td>
<td>Residence 300-499 24hrs</td>
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<td>Select any 300 or 400 level course.</td>
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unofficial evaluation
<table>
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<tr>
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<th>A.</th>
<th>Major: GPR 40+ hrs</th>
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<tbody>
<tr>
<td></td>
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<td>Includes: CHEM 100-499; GEOL 100-499; GEOP 100-499; MATH 151-152, 171-172, 221, 251, 253, 308, 311, 412; PHYS 208, 218, 219, 221, 302, 304.</td>
</tr>
</tbody>
</table>

### Term Subject Course Title Attribute Credits Grade Source

| Total Credits and GPA | 0.000 | .00 |

unofficial evaluation

Back to Display Options

1

Print
CHANGE IN CURRICULUM

COLLEGE OF GEOSCIENCES
DEPARTMENT OF GEOLOGY AND GEOPHYSICS
BS IN METEOROLOGY AND MS IN OCEANOGRAPHY 3+2
Texas A&M University  
Request for a Change in Curriculum  
Undergraduate • Graduate • Professional  

1. Program request type: 
   - Undergraduate [✓]  
   - Graduate [✓]  
   - First Professional (ex., DVM, JD, MD, etc.) [ ]  

2. Request change for: 
   - Degree Program [✓]  
   - Minor [ ]  
   - Certificate [ ]  

3. Request submitted by (Department or Program Name): 
   Oceanography  

4. Program Designation and Name  
   (e.g., B.A. in History, Minor in History, Certificate in European Union): 
   Meteorology - 5-Year Bachelor of Science/Master of Science in Oceanography  

5. Brief description of change: 
   Change the existing MS in Oceanography to the new non thesis Master of Ocean Science and Technology. The undergraduate portion of the FastTrack 3+2 remains the same.  

6. Rationale for change: 
   The non-thesis Master of Ocean Science and Technology (MOST) degree is a better fit for the objective of the 3+2 program. We were using the non thesis MS as a placeholder until the MOST degree was finally approved.  

7. Use the checkboxes below to make sure that all information is included. 
   a. Proposed curriculum attached. [✓] Yes [ ] No  
   b. Current catalog curriculum with handwritten edits attached. [✓] Yes [ ] No  
   c. Current Howdy degree evaluation with handwritten edits attached. [✓] Yes [ ] No  
   Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.  

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? [ ] Yes [✓] No  
   b. If yes, degree program hours will change from: ________ to: ________  
   c. If yes, is the Texas Higher Education Coordinating Board form attached? [ ] Yes [✓] No  
   [Link: http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60]  

9. If proposed changes affect other unit(s), are letters of support attached? [✓] Yes [ ] No  

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.  

Approval recommended by:  
Department Head or Program Chair (Type Name & Sign)  
Date  
Dean of College  
Date  
Chair, College Review Committee  
9/9/15  
Chair, GC or UCC  
Date  

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandrawilliams@ tamu ed  
Curricular Services – 04/14  

RECEIVED  
SEP 14 2015  
CURRICULAR SERVICES
3 September 2015

MEMORANDUM

To: Dr. Chris Houser, Associate Dean, Undergraduate and Faculty Affairs, College of Geosciences
To: Dr. Eric Riggs, Assistant Dean, Graduate Affairs and Diversity, College of Geosciences
From: Dr. Debbie Thomas, Department Head, Oceanography
Dr. Ping Yang, Department Head, Atmospheric Sciences

RE: Revisions to the Joint degree program between Oceanography and Atmospheric Sciences Meteorology program

I have attached a revision to the 3+2 program for METR and the non-thesis MS in Oceanography. It has been modified to swap out the non-thesis MS in Oceanography with the newly approved Master of Ocean Science and Technology. This is simply a swap in the designation non thesis Master’s degree.

The degree plan remains the same with one correction. In footnote #4, “GEOS 470/OCNG 657” needs to be removed from the list where both courses cannot count for credit. These courses are sufficiently different, and both will count for credit.

If you have any questions, please contact the assistant department head, Dr. Shari Yvon-Lewis (979-458-1816; syvon-lewis@tamu.edu).
Meteorology - 5-Year Bachelor of Science/Master of Science in Oceanography

The Fast Track Program offers motivated and exceptional students the opportunity to achieve aspirations in an efficient program at Texas A&M, completing the Bachelor of Science degree in the Department of Atmospheric Sciences Meteorology Program and the Oceanography non-thesis M.S. degree in 5 years. There will be only two courses used for dual credit in this program. There is a total of 150 hours of coursework. The concurrent degree program will enable these motivated students to coordinate the required B.S. coursework (114 undergraduate credit hours plus 6 dual credit graduate courses) and non-thesis M.S. coursework (36 credit hours including the 6 dual credit graduate courses) to complete the required credit hours for each degree without diminishing scope or quality of work and within 5 years.

Application and Eligibility

- Applications to the Fast Track program will be submitted by July 1 after the completion of the student's junior year. Applications submitted after that time will be evaluated on a case by case basis.

- Applicants must have a minimum undergraduate GPR of 3.0. Applicants must also earn a C or better in all Chemistry, Calculus and Physics courses. Once admitted to the program, students must maintain a minimum 3.0 GPR.

- A faculty advisor will be assigned to each student. Students may seek additional mentors, but a formal committee is not required.

- Students admitted into the Fast Track program must finish the entire 150 credit hours to obtain both the Bachelor's and Master's degrees. These students will be conferred with two degrees once they complete the 5th year of the concurrent program.

- Students admitted to the program will change from U4 to G7 status when they are admitted having completed at least 99 hours (end of spring semester, year 3).

- Students not accepted or not allowed to continue with the Fast Track Program will complete the 120 hour Bachelor's degree under the standard 4 year curriculum. These students may still apply to the traditional graduate program.

- Students will graduate at the completion of the 5th year in the Fast Track Program coursework (150 credit hours) with both Bachelor's and Master's degrees. Students will complete the coursework in May of the 5th year.

Program Requirements

First Year

<table>
<thead>
<tr>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATMO 201 Weather and Climate 3</td>
</tr>
<tr>
<td>CHEM 101 Fundamentals of Chemistry I 4</td>
</tr>
<tr>
<td>&amp; CHEM 111 and Fundamentals of Chemistry Laboratory I 4</td>
</tr>
<tr>
<td>MATH 171 Analytic Geometry and Calculus 4</td>
</tr>
<tr>
<td>ENGL 104 Composition and Rhetoric 3</td>
</tr>
<tr>
<td>GEOS 101 Introduction to the Geosciences 1</td>
</tr>
<tr>
<td>Term Semester Credit Hours 15</td>
</tr>
</tbody>
</table>

Spring

| Term Semester Credit Hours 16 |
| ATMO 203 Weather Forecasting Laboratory 1 |
| CHEM 102 Fundamentals of Chemistry II 4 |
| & CHEM 112 and Fundamentals of Chemistry Laboratory II 4 |
| MATH 172 Calculus 4 |
| or MATH 152 4 |
| PHYS 218 Mechanics 4 |
| American history elective 3 |

Second Year

| Term Semester Credit Hours 16 |
| ATMO 251 Weather Observation and Analysis 1 3 |
| ATMO 383 Introduction to Atmospheric Chemistry and Air Pollution 1 3 |
| MATH 251 Engineering Mathematics III 1 3 |
| ATMO 321 Computer Applications in the Atmospheric Sciences 1 3 |
| POLS 206 American National Government 1 3 |
| General elective 1,8,9 3 |

Spring

| Term Semester Credit Hours 18 |
| ATMO 324 Physical and Regional Climatology 1 3 |
| MATH 308 Differential Equations 1 3 |
| PHYS 208 Electricity and Optics 1 4 |
| American history elective 1 3 |
| Social and behavioral sciences 1 3 |

Third Year

| Term Semester Credit Hours 16 |
| ATMO 335 Atmospheric Thermodynamics 1 3 |
| ATMO 336 Atmospheric Dynamics 1 4 |
| STAT 211 Principles of Statistics I 1 3 |
| POLS 207 State and Local Government 1 3 |
| General Elective 1,8,9 3 |

Spring

| Term Semester Credit Hours 16 |
| ATMO 435 Synoptic-Dynamic Meteorology 1 3 |
| ATMO or technical electives 2 6 |
| Communication elective 1 3 |
### Fourth Year

**Fall**
- ATMO 446 Physical Meteorology 3
- ATMO Inst/Remote Sensing elective 3
- ATMO or technical elective 7 3
- OCNG 604 Ocean Observing Systems 2,3 3
- OCNG 608 Physical Oceanography 2,3 3

Select one of the following:
- OCNG 620 Biological Oceanography 3
- OCNG 630 Geological Oceanography 3
- OCNG 640 Chemical Oceanography 3

<table>
<thead>
<tr>
<th>Term Semester Credit Hours</th>
<th>18</th>
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</thead>
</table>

### Spring

- ATMO or technical elective 7 3
- General elective 8,9 3
- OCNG 657 Data Methods and Graphical Representation in Oceanography 4 3

Select one of the following: 4
- OCNG 620 Biological Oceanography 3
- OCNG 640 Chemical Oceanography 3
- OCNG 630 Geological Oceanography 3
- OCNG 603 Communicating Ocean Science 3

<table>
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<th>Term Semester Credit Hours</th>
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<td>Total Semester Credit Hours</td>
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### Fifth Year

**Fall**
- Advanced specialized OCNG graduate course 9

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<tr>
<th>Term Semester Credit Hours</th>
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</table>

**Spring**
- Advanced specialized OCNG graduate course 6
- Capstone Experience II 3

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<tr>
<th>Term Semester Credit Hours</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Total Semester Credit Hours</td>
<td>18</td>
</tr>
</tbody>
</table>

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1. Any of the required courses may be taken during the Summer Sessions to diminish the heavy semester loads during Years Two and Three.
2. If students use nine credits of allowed OCNG courses (e.g. OCNG 251 or OCNG 401, OCNG 252, OCNG 350, OCNG 451,OCNG 485) as technical electives and general electives, they will receive an OCNG minor with their BS in METR degree.
3. Graduate courses will be taken for dual undergraduate/graduate credit and will contribute to the minor.

---

4. Students will not be permitted to receive credit for both the 400- and 600-level versions of certain courses because the content and learning outcomes are too similar (e.g. OCNG 440/OCNG 640; GEOS 470/OCNG 657).
5. A grade of C or better is required.
6. All students enter as Lower Level Meteorology (METL) until completion of ATMO 335 and ATMO 336 and the associated prerequisite courses. Once students have completed these courses, their major will be changed to Upper Level Meteorology (METR), and they will be eligible to take upper-level electives. This change should occur following Fall of the junior year.
7. Select in consultation with faculty academic advisor.
8. General electives may not include CAEN 101-499; CAEX 101-499; DEVS 101-499; ENGL 103; KINE 198-199; MATH 102, MATH 131, MATH 141-142, MATH 150-152, MATH 171-172, MATH 221, MATH 251, MATH 253; PHYS 101, PHYS 201-202, PHYS 208, PHYS 218-219; AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-499.
9. MLSC, NVSC and AERS courses can be used as general electives if a minor is completed in Military Science. See an academic advisor for more information.

Total undergraduate credit hours: 120
Total graduate credit hours: 36 (36 credits required for non-thesis MOST)
Total credits actually taken: 150
Detail Requirements

Information for Degree Evaluation

This is NOT an official evaluation.

Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Limitation Geology: Only one course from GEOL 101, 103 and 104 may be used for this degree.

Program: BS METR - GOC program
Campus: College Station
College: Geosciences
Degree: Bachelor of Science
Level: Undergraduate
Majors: Meteorology
Departments: Atmospheric Sciences
Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date: 
Request Number: 13
Results as of: Jul 22, 2015
Minors: Concentrations:

Met Credits Courses

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<tr>
<th>Required</th>
<th>Used</th>
<th>Required</th>
<th>Used</th>
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<tr>
<td>Total Required:</td>
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<td>0.000</td>
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<tr>
<td>Program GPA:</td>
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<td>.00</td>
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<tr>
<td>Overall GPA:</td>
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<td>.00</td>
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Other Course Information:
Transfer: 0.000 0

This is NOT an official evaluation.

Area: Major Coursework (48.000 credits) - Not Met

Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses

No A. ATMO 201
No AND B. ATMO 203
No AND C. ATMO 251
No AND D. ATMO 324
No AND E. ATMO 335
No AND F. ATMO 336
No AND G. ATMO 363
No AND H. ATMO 435
No AND I. ATMO 446
No AND J. ATMO Elect 3hrs
Select from ATMO 441, 442.
No AND K. METR Additional Reqmt 19hrs
Select from ATMO 281, 300-499 (except ATMO 321); GEOG 400-499; GEOS 400-499; MATH 311 400-499; OCSG 400-499.
Two of these electives will be the dual credit 600 level courses taken in year four.
Up to 3 hours may be ATMO 484-Broadcast Internship and up to 6 hours may be ATMO 484-NWS Internship. SCSC 301;
BESC 403; BIOL 111; FRSC 302, 304; CHEM 227, 237.
unofficial evaluation

**Area: Supporting Coursework (3,000 credits) - Not Met**

<table>
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<th>Condition</th>
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<th>Subject</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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<td>Computer Science Elect 3hrs</td>
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<td>Select from ATMO 321; CSCE 206. ATMO 321 is recommended.</td>
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unofficial evaluation

**Area: Communication (6,000 credits) - Not Met**

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<th>Subject</th>
<th>Attribute</th>
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<th>Required</th>
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<th>Attribute</th>
<th>Credits</th>
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<tbody>
<tr>
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<td>A.</td>
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<td>ENG 104</td>
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<td>No</td>
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<td>COMM 203 or 205</td>
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unofficial evaluation

**Area: Mathematics (17,000 credits) - Not Met**

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<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
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<tr>
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<td>MATH Rqmt I 4hrs</td>
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<td>Select from MATH 151 or 171. Must make a grade of 'C' or better.</td>
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<td>No</td>
<td>AND</td>
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<td>MATH Rqmt II 4hrs</td>
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<td>Select from MATH 152 or 172. Must make a grade of 'C' or better.</td>
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<td>MATH 251</td>
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<td>No</td>
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<td>MATH 308</td>
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<td>STAT 211</td>
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unofficial evaluation

**Area: Life and Physical Sciences (16,000 credits) - Not Met**

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<tr>
<td>No</td>
<td>AND</td>
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<td>PHYS 208</td>
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</tr>
<tr>
<td>No</td>
<td>AND</td>
<td></td>
<td>Chemistry I Rqmt 4hrs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Select one of the following: 1. 4 hours required. Take CHEM 101.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Detail Requirements

2. 4 hours required. Take CHEM 111 and 112.

No AND D. Chemistry II Rqmt 4hrs
Select from the following:
1. 4 hours required. Take CHEM 112.
2. 4 hours required. Take CHEM 162 and 112.

Total Credits and GPA 0.000

unofficial evaluation

Area : Language, Philosophy & Culture (3.000 credits) - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No A. Lang, Phil, Culture Rqmt 3hrs
Select any course with the Language, Philosophy and Culture attribute [RL PC].

Total Credits and GPA 0.000

unofficial evaluation

Area : Creative Arts (3.000 credits) - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No A. Creative Arts Requirement
Select three hours from any course with the Creative Arts attribute [KCRA].

Total Credits and GPA 0.000

unofficial evaluation

Area : Social and Behavioral Sciences (3.000 credits) - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No A. Social Science Rqmt 3hrs
Select from courses with the Social and Behavioral Science attribute [KSOC].

Total Credits and GPA 0.000

unofficial evaluation

Area : Citizenship (12.000 credits) - Not Met
Description: Completion of 4 semesters of Upper-Level H0TC may be substituted for 3 hours of American History and 3 hours of Political Science.
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No A. American History Rqmt 6hrs
Select from any course with the [HIS] attribute.

No AND B. Political Science Rqmt 6hrs
Take POLS 206 and POLS 207.

Total Credits and GPA
unofficial evaluation

**Area:** General Electives (9.000 credits) - Not Met

<table>
<thead>
<tr>
<th>No</th>
<th>A. General Electives 9hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select any course from 100-499 not used elsewhere. (Except: AERS 100-499; BUSN 100; CAEN 100-499; CAEX 100-499; DEVS 100-499; ENGL 100, 103; KINE 198, 199; LBAR 201; MATH 102, 103, 131, 141, 142, 150, 151, 152, 166, 171, 172, 221, 251, 253; MLSC 100-499; NVSC 100-499; PHYS 101, 201, 202, 208, 218, 219; SOMS 100-499; STLC 100-499.)</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

**Area:** Work Not Applied - Met

**Description:** See advisor for acceptable substitutions.

| No | A. Courses not applied |

Total Credits and GPA

unofficial evaluation

**Area:** University Writing Requirement - Not Met

<table>
<thead>
<tr>
<th>No</th>
<th>A. Writing Requirement:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Two courses required. Only sections of ATMO 456, 459, 463; UGST 491 with the Writing attribute (UWRT) may be used to satisfy this requirement.</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

**Area:** Int'l & Cuit Diversity - Not Met

<table>
<thead>
<tr>
<th>No</th>
<th>A. Int'l &amp; Cultural Diversity 6hr</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select from courses with the International and Cultural Diversity attribute (UICD) (except sections of BUSN 289 with the UWRT attribute).</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

**Area:** Foreign Language - Not Met
Detail Requirements

No A. Foreign Language Reqmt
   Complete one of the following:
   1. Two years of the same foreign language in High School.
   2. A two semester sequence of the same foreign language for
      University credit.

unofficial evaluation

Area: Residence Requirement - Not Met
Description: A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No A. Residence-Major 12hrs
   Select from ATMO 300-499.
No AND B. Residence 300-499 24hrs
   Select any 300 or 400 level courses.

unofficial evaluation

Area: GPR-Major - Not Met
Met Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses
No A. Major GPR 25+hrs
   Select from ATMO 100-499; GEOS 100-499.

unofficial evaluation

Back to Display Options

Print
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS
DEPARTMENT OF INTERNATIONAL STUDIES
BA IN INTERNATIONAL STUDIES
INTERNATIONAL COMMUNICATION AND MEDIA TRACK
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type:  ✓ Undergraduate  □ Graduate  □ First Professional (e.g., DVM, JD, MD, etc.)

2. Request change for:  ✓ Degree Program  □ Minor  □ Certificate

3. Request submitted by (Department or Program Name):  International Studies

4. Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union):  B.A. in International Studies: International Communication and Media Track

5. Brief description of change:
   Add PSYC 346 to list of electives in the track.

6. Rationale for change:
   Course added on the advice of faculty in the Department of Psychology.

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached.  ✓ Yes  □ No
   b. Current catalog curriculum with handwritten edits attached.  ✓ Yes  □ No
   c. Current Howdy degree evaluation with handwritten edits attached.  ✓ Yes  □ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes?  □ Yes  ✓ No
   b. If yes, degree program hours will change from:  to: 

8. c. If yes, is the Texas Higher Education Coordinating Board form attached?  □ Yes  □ No
   http://www.thecb.state.tx.us/index.cfm?objectid=ADF917FA-9A92-41F1-2756AD3BBFF41D60

9. If proposed changes affect other unit(s), are letters of support attached?  ✓ Yes  □ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:
Robert R. Shandley  8/25/15

Department Head or Program Chair (Type Name & Sign)  Date

S. Smith  8/26/15

Dean of College  Date

Chair, College Review Committee  9/14/15

Chair, GO or UCC  Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 04/14
B.A. in International Studies: International Communication and Media Track

Core Courses: 15 credits.

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>INTS 201 Introduction to Cultural Studies</td>
</tr>
<tr>
<td>3</td>
<td>INTS 205 Current Issues in International Studies (1 hour course to be taken 3 times)</td>
</tr>
<tr>
<td>6</td>
<td>INTS electives: select from INTS 400-480, INTS 485 (no more than 3 hours), INTS 489, INTS 497</td>
</tr>
<tr>
<td>3</td>
<td>INTS 481 Senior Seminar</td>
</tr>
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</table>

International Communication and Media Track: 18 credits.

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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<tbody>
<tr>
<td>9</td>
<td>Electives. Three courses to be chosen from the following:</td>
</tr>
<tr>
<td></td>
<td>COMM 240 Rhetorical Criticism</td>
</tr>
<tr>
<td></td>
<td>COMM 243 Argumentation and Debate</td>
</tr>
<tr>
<td></td>
<td>COMM 320 Organizational Communication</td>
</tr>
<tr>
<td></td>
<td>COMM 325 Persuasion</td>
</tr>
<tr>
<td></td>
<td>COMM 415 New media and Civil Society</td>
</tr>
<tr>
<td></td>
<td>COMM 443 Communication and Conflict</td>
</tr>
<tr>
<td></td>
<td>COMM 446 Communication, Organizations and Society</td>
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<tr>
<td></td>
<td>ENGL 241 Advanced Composition</td>
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<tr>
<td></td>
<td>ENGL 320 Technical Editing and Writing</td>
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<tr>
<td></td>
<td>JOUR 203 Media Writing I</td>
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<tr>
<td></td>
<td>JOUR 303 Media Writing II</td>
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<tr>
<td></td>
<td>MKTG 409 Principles of Marketing</td>
</tr>
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<td></td>
<td>PSCY 346 Psychology of Language</td>
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</table>

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Electives. Three courses to be chosen from the following:</td>
</tr>
<tr>
<td></td>
<td>COMM 330 Technology and Human Communication</td>
</tr>
<tr>
<td></td>
<td>COMM 335 Intercultural Communication</td>
</tr>
<tr>
<td></td>
<td>COMM 340 Communication and Popular Culture</td>
</tr>
<tr>
<td></td>
<td>COMM 354 Political Economy of Telecommunication</td>
</tr>
<tr>
<td></td>
<td>COMM 365/JOUR 365 International Communication</td>
</tr>
<tr>
<td></td>
<td>COMM 450 Media Campaigns</td>
</tr>
<tr>
<td></td>
<td>COMM 454 Telecommunication Policy</td>
</tr>
<tr>
<td></td>
<td>COMM 458/JOUR 458 Global Media</td>
</tr>
<tr>
<td></td>
<td>INTS 301 Theories of Globalization</td>
</tr>
<tr>
<td></td>
<td>INTS 484 Directed Internship</td>
</tr>
</tbody>
</table>

Area Studies: 9 credits. Choose one area.

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Latin America</td>
</tr>
<tr>
<td></td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>Europe</td>
</tr>
<tr>
<td></td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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</table>

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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<tbody>
<tr>
<td>9</td>
<td>Africa</td>
</tr>
<tr>
<td></td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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</table>

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>North Africa and the Middle East</td>
</tr>
<tr>
<td></td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
</tr>
</tbody>
</table>
Asia
Credit  Course
9  To be chosen from an approved list on the INTS website in consultation with an advisor.

Courses numbered 485 or 489 that contain significant international content can be taken in any department to meet part of the track or area requirement. Students must obtain International Studies advisor approval before taking the 485 or 489 course.

Foreign Language: 20 credits.
Placement exam to be taken upon entering program (students may place out of a maximum of 14 hours)
Students placed in 101 will take 101, 102, 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 102 will take 102, 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 201 will take 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 202 will take 202/203 and 6 hours at the 300- or 400-level.
Students placing out of 101, 102, 201 and 202 will take 6 hours at the 300- or 400-level.

International Experience Requirement: Must generate at least 3 hours of Texas A&M University credit; requires approval by Director of International Studies before travel.
1. Must be at least one long semester or one 10-week summer approved experience.
2. Must be taken after completion of 100- and 200-level language requirement and INTS 201.
3. Must be completed before student is eligible to enroll in INTS 481, INTS 491 or INTS 497.
4. Must be an immersion experience in the foreign culture and language.
The requirement can be satisfied by:
a. An internship at a company, government agency or non-profit operation involving significant use of the foreign language. Three hours of INTS 484 elective credit can be given.
b. Courses taken at a foreign university. Courses may count for Texas A&M University credit with approval of the advisor of the relevant department. These courses cannot apply to the International Studies core. One course must be taken in the foreign language at the 300- or 400-level.
c. Selected Texas A&M University Study Abroad programs which involve intensive cultural and language immersion.
d. A combination of the above to equal the requirement of a long semester or a 10-week summer-approved experience.
5. Must be taken outside of the student’s country of origin.
6. Must be taken in one foreign country that matches with the foreign language and the area study requirement unless approved by the Director of International Studies before travel.

College and University Requirements (including Texas A&M University Core Curriculum Requirements).
Other courses may qualify for the following categories. Students should consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or in the International Studies Degree Program Office. The following list incorporates University Core Curriculum requirements. No course can be counted in more than one category, except as allowed in the International and Cultural Diversity Graduation requirement.

Credits  Course
3  ENGL 104 Composition and Rhetoric.
3  Communication (3 hours): To be selected from the approved list in the University Core Curriculum.
6  Literature in English (6 hours): To be selected from approved college list.
6  Mathematics: At least 3 hours must be in MATH. Three hours also may be in logic.
6  Language, Philosophy and Culture and Creative Arts: To be selected from the approved list in the University Core Curriculum.
9  Life and Physical Sciences.
6  Social and Behavioral Sciences: To be selected from University Core Curriculum.
6  American History: Two courses in American history
6  Government/Political Science: POLS 206 and POLS 207.
(3)  International and Cultural Diversity: To be selected from approved list. This course may also be used to satisfy any other requirement.
General Electives

120 total hours
International Studies - BA, International Communication and Media Track

The BA in International Studies is a degree offered in the Department of International Studies.

Principle objectives

1. To guide students through the complex cultural, social, political, and economic stakes of global interdependence.
2. To assure a measurable proficiency in a foreign language.
3. To assure regional cultural competency through a structured and integrated abroad experience.
4. To provide a historical dimension to current conceptions of globalization.

Curriculum

The degree plan consists of a combination of INTS core courses (15 hours), with electives tailored for each track (18 hours); area studies courses in the region corresponding to the student's foreign language choice (9 hours); foreign language courses (20 hours); and at least one long semester or 10-week summer study abroad or other approved international program with an emphasis on cultural and linguistic immersion.

International Communication and Media Track

As one of the largest sectors of the American and global economy, communication and media occupy a major role in our private and professional lives. Moreover, this sector of the economy often functions transnationally in a relatively seamless fashion. This track offers a discreet set of courses that provide students with a strong background in how media function in a global setting.

Program Requirements

Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTS 201</td>
<td>Introduction to International Studies</td>
<td>3</td>
</tr>
<tr>
<td>INTS 205</td>
<td>Current Issues in International Studies</td>
<td>3</td>
</tr>
<tr>
<td>INTS 400</td>
<td>Current Issues in International Studies</td>
<td>6</td>
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<tr>
<td>INTS 480</td>
<td>Directed Studies</td>
<td>6</td>
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<tr>
<td>INTS 481</td>
<td>Senior Seminar in International Studies</td>
<td>3</td>
</tr>
<tr>
<td>INTS 485</td>
<td>Directed Studies</td>
<td>6</td>
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Track courses

Select three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
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</thead>
<tbody>
<tr>
<td>COMM 240</td>
<td>Rhetorical Criticism</td>
<td>3</td>
</tr>
<tr>
<td>COMM 243</td>
<td>Argumentation and Debate</td>
<td>3</td>
</tr>
<tr>
<td>COMM 320</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMM 325</td>
<td>Persuasion</td>
<td>3</td>
</tr>
<tr>
<td>COMM 415</td>
<td>New Media and Civil Society</td>
<td>3</td>
</tr>
<tr>
<td>COMM 448</td>
<td>Communication and Conflict</td>
<td>3</td>
</tr>
<tr>
<td>COMM 446</td>
<td>Communication, Organizations and Society</td>
<td>3</td>
</tr>
</tbody>
</table>

Area Studies

Select courses from one of the following areas:

<table>
<thead>
<tr>
<th>Area</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Latin America</td>
<td>3</td>
</tr>
<tr>
<td>Europe</td>
<td>3</td>
</tr>
<tr>
<td>Africa</td>
<td>3</td>
</tr>
<tr>
<td>North Africa and the Middle East</td>
<td>3</td>
</tr>
<tr>
<td>Asia</td>
<td>3</td>
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</table>

Foreign Language 3
International Experience Requirement 4

College and University Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit</th>
</tr>
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<tbody>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
<td>3</td>
</tr>
<tr>
<td>COMM 240</td>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td>COMM 243</td>
<td>Literature in English</td>
<td>3</td>
</tr>
<tr>
<td>COMM 320</td>
<td>Literature in English</td>
<td>3</td>
</tr>
<tr>
<td>COMM 325</td>
<td>Language, philosophy and culture</td>
<td>3</td>
</tr>
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<td>COMM 415</td>
<td>Creative arts</td>
<td>3</td>
</tr>
<tr>
<td>COMM 448</td>
<td>Life and physical sciences</td>
<td>3</td>
</tr>
<tr>
<td>COMM 446</td>
<td>Social and behavioral sciences</td>
<td>3</td>
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<tr>
<td>ENGL 240</td>
<td>American history</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 241</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 242</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 243</td>
<td>International and Cultural Diversity</td>
<td>3</td>
</tr>
</tbody>
</table>

General electives 7

Total Semester Credit Hours 120
Requirement for the minor in public relations.

1 Choose courses from an approved list on the INTS website in consultation with an advisor. Courses numbered 485 or 489 that contain significant international content can be taken in any department to meet part of the track or area requirement. Students must obtain International Studies advisor approval before taking the 485 or 489 course.

2 See the Foreign Language paragraph.

3 See the International Experience Requirements paragraph.

4 At least 3 hours must be in MATH. Three hours may be PHIL 240.

5 Courses may be used to satisfy other requirements.

Foreign Language

Students entering International Studies take a placement exam to determine the level of and number of required foreign language courses. Exam results may fulfill a maximum of 14 semester credit hours.

- Students placed in 101 will take 101, 132, 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 102 will take 102, 211 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 201 will take 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 202 will take 202 and 6 semester credit hours at the 300- or 400-level.
- Students placing out of 101, 102, 201 and 202 will take 6 semester credit hours at the 300- or 400-level.

International Experience Requirements

The International Experience must generate at least 3 hours of Texas A&M University credit. Departmental approval is required before travel. Any international experience that does not meet these criteria will not count toward the degree.

- Must be at least one long semester or one 10-week summer approved experience.
- Must be taken after completion of 100- and 200-level language requirement and INTS 201.
- Must be completed before student is eligible to enroll in INTS 481, INTS 491 or INTS 497.
- Must be an immersion experience in the foreign culture and language, which can be satisfied by:
  - An internship at a company, government agency or non-profit operation involving significant use of the foreign language. Three hours of INTS 484 elective credit can be given.
  - Courses taken at a foreign university. Courses may count for Texas A&M University credit with approval of the advisor of the relevant department. These courses cannot apply to the International Studies core. One course must be taken in the foreign language at the 300- or 400-level.
  - Selected Texas A&M University Study Abroad programs which involve intensive cultural and language immersion.
  - A combination of the above to equal the requirement of a long semester or a 10-week summer-approved experience.
- Must be taken outside of the student’s country of origin.

Other courses may qualify for the college, university requirements categories. Students should consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or in the International Studies Degree Program Office. The list incorporates University Core Curriculum requirements. No course can be counted in more than one category, except as allowed in the International and Cultural Diversity Graduation requirement.
Program Evaluation

Limitation Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation Combination: Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

Limitation Only one course from MATH 141, 165 may be used in this degree program.

Limitation Only 14 hours of KINE 199; AERS 160-499; MLSC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward Residency.

<table>
<thead>
<tr>
<th>Program</th>
<th>Interdisciplinary Studies</th>
<th>Catalog Term</th>
<th>Fall 2015 - College Station</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus</td>
<td>College Station</td>
<td>Evaluation Term</td>
<td>Fall 2015 - College Station</td>
</tr>
<tr>
<td>College</td>
<td>Liberal Arts</td>
<td>Expected Graduation Date</td>
<td>Fall 2015 - College Station</td>
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<tr>
<td>Degree</td>
<td>Bachelor of Arts</td>
<td>Request Number</td>
<td>82</td>
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<tr>
<td>Level</td>
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<td>Results as of</td>
<td>Aug 25, 2015</td>
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<tr>
<td>Majors</td>
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<td>Minors</td>
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<tr>
<td>Departments</td>
<td>International Studies</td>
<td>Concentrations</td>
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<table>
<thead>
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<th>Total Required</th>
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</tr>
</tbody>
</table>

Program GPA: 2.03
Overall GPA: 2.03

Transfer: 0.00

This is NOT an official evaluation.

Area Major Coursework (15.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
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<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A</td>
<td></td>
<td>INTS 201</td>
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<tr>
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<td>B</td>
<td>INTS 305</td>
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Total Credits and GPA: 0.000

unofficial evaluation

Area Supporting Coursework (18.000 credits) - Not Met

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unofficial evaluation

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unofficial evaluation

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<th>Area Communication (12.000 credits) - Not Met</th>
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unofficial evaluation

<table>
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<tr>
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</table>

Total Credits and GPA: 12.000 0.00
Hi Stefanie,

I am supportive of this request.

Doug

Douglas W Woods, Ph.D.
Professor and Head of Psychology
Texas A&M University
4235 TAMU
College Station, TX 77843
(979) 845-2540 (office)
e-mail: dowoods@tamu.edu

From: Stefanie Harris
Sent: Monday, August 24, 2015 9:15 AM
To: Woods, Douglas W
Cc: Shandley, Robert R; Stratta, Laura M
Subject: request to add PSYC 346 to INTS track

Dear Doug,

I am writing to request your department’s formal permission to add PSYC 346 (Psychology of Language) to the International Communication and Media track of the International Studies (INTS) degree.

My understanding is that Dr. Vaid, who regularly teaches the course, had suggested that the course be added to the track when she was acting director of INTS some years ago. The course somehow made it into the course catalog for the degree plan (I can no longer reconstruct how this happened), but it was never formally added in degree audit. We would like to correct that oversight now.

I am attaching a copy of the program requirements for students in the INTS Communication and Media track. You will see PSYC 346 in the “Basics of Communication” area; the course only applies to this particular track.

If Psychology agrees with the addition of this course, please send me a short email confirmation. I will need to include this document with the Change in Curriculum documents that are submitted to the UIC and through various other approval committees. If you have any questions, please let me know.

Best,
Stefanie

Stefanie Harris, Ph.D.
Associate Professor of German and Film Studies
Associate Head, Department of International Studies
Texas A&M University
4215 TAMU
College Station, TX  77843-4215
tel: 979-845-2124
internationalstudies.tamu.edu
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS
DEPARTMENT OF INTERNATIONAL STUDIES
BA IN INTERNATIONAL STUDIES
ENVIRONMENTAL STUDIES TRACK
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type:  ✔ Undergraduate  ☐ Graduate  ☐ First Professional (ex. DVM, JD, MD, etc.)

2. Request change for:  ✔ Degree Program  ☐ Minor  ☐ Certificate

3. Request submitted by (Department or Program Name):  International Studies

Program Designation and Name
(e.g., B.A. in History, Minor in History, Certificate in European Union):  B.A. in International Studies: International Environmental Studies Track

5. Brief description of change:
Add ATMO 201 and GEOS 210 to list of elective courses in the track.

6. Rationale for change:
Courses added on advice of faculty in the College of Geosciences.

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached.  ✔ Yes  ☐ No
   b. Current catalog curriculum with handwritten edits attached.  ✔ Yes  ☐ No
   c. Current Howdy degree evaluation with handwritten edits attached.  ✔ Yes  ☐ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes?  ☐ Yes  ✔ No
   b. If yes, degree program hours will change from:  __________  to:  __________
   c. If yes, is the Texas Higher Education Coordinating Board form attached?

http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60

9. If proposed changes affect other unit(s), are letters of support attached?  ✔ Yes  ☐ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Robert R. Shandley  ☑ Date

Department Head or Program Chair  Type Name & Sign

Chair College Review Committee  Date  Chair, GC or UCC  Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
Curricular Services • 04/14
B.A. in International Studies: International Environmental Studies Track

Core Courses: 15 credits.
Credit Course
3    INTS 201 Introduction to Cultural Studies
3    INTS 205 Current Issues in International Studies (1 hour course to be taken 3 times)
6    INTS electives: select from INTS 400-480, INTS 485 (no more than 3 hours), INTS 489, INTS 497
3    INTS 481 Senior Seminar

International Environmental Studies Track: 18 credits.
Credit Course
18   To be chosen from the following:
    AGEC 105 Introduction to Agricultural Economics
    AGEC 350 Environmental and Natural Resource Economics
    AGEC 414 Agribusiness and Food Market Analysis
    AGEC 452 International Trade and Agriculture
    AGLS 101 Modern Agricultural Systems and Renewable Natural Resources
    ATMO 201 Atmospheric Sciences
    BESC 201 Introduction to Bioenvironmental Sciences
    BIOL 328 Plants and People
    BIOL 357 Ecology
    FSTC 201 Food Science
    GEOG 201 Introduction to Human Geography
    GEOG 202 Geography of the Global Village
    GEOG 203 Planet Earth
    GEOG 304 Economic Geography
    GEOG 311 Cultural Geography
    GEOG 324 Global Climatic Regions
    GEOG 330 Resources and the Environment
    GEOG 401 Political Geography
    GEOG 430 Environmental Justice
    GEOL 101 Principles of Geology
    GEOL 420 Environmental Geology
    GEOS 210 Climate Change
    GEOS 410 Global Change
    INTS 301 Theories of Globalization
    INTS 484 Internship
    OCNG 251 Oceanography
    PHIL 314 Environmental Ethics
    POLS 347 Politics of Energy and the Environment
    POLS 456 Environmental Political Theory (W)
    RENR 205 Fundamentals of Ecology
    RENR 375 Conservation of Natural Resources
    SOCI 206 Global Social Trends
    SOCI 328 Environmental Sociology

Area Studies: 9 credits. Choose one area.

Latin America
Credit Course
9    To be chosen from an approved list on the INTS website in consultation with an advisor.

Europe
Credit Course
9    To be chosen from an approved list on the INTS website in consultation with an advisor.
Africa

Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

North Africa and the Middle East

Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

Asia

Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

Courses numbered 485 or 489 that contain significant international content can be taken in any department to meet part of the track or area requirement. Students must obtain International Studies advisor approval before taking the 485 or 489 course.

Foreign Language: 20 credits.

Placement exam to be taken upon entering program (students may place out of a maximum of 14 hours)
Students placed in 101 will take 101, 102, 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 102 will take 102, 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 201 will take 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 202 will take 202/203 and 6 hours at the 300- or 400-level.
Students placing out of 101, 102, 201 and 202 will take 6 hours at the 300- or 400-level.

International Experience Requirement: Must generate at least 3 hours of Texas A&M University credit; requires approval by Director of International Studies before travel.
1. Must be at least one long semester or one 10-week summer approved experience.
2. Must be taken after completion of 100- and 200-level language requirement and INTS 201.
3. Must be completed before student is eligible to enroll in INTS 481, INTS 491 or INTS 497.
4. Must be an immersion experience in the foreign culture and language. The requirement can be satisfied by:
   a. An internship at a company, government agency or non-profit operation involving significant use of the foreign language. Three hours of INTS 484 elective credit can be given.
   b. Courses taken at a foreign university. Courses may count for Texas A&M University credit with approval of the advisor of the relevant department. These courses cannot apply to the International Studies core. One course must be taken in the foreign language at the 300- or 400-level.
   c. Selected Texas A&M University Study Abroad programs which involve intensive cultural and language immersion.
   d. A combination of the above to equal the requirement of a long semester or a 10-week summer-approved experience.
5. Must be taken outside of the student’s country of origin.
6. Must be taken in one foreign country that matches with the foreign language and the area study requirement unless approved by the Director of International Studies before travel

College and University Requirements (including Texas A&M University Core Curriculum Requirements).
Other courses may qualify for the following categories. Students should consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or in the International Studies Degree Program Office. The following list incorporates University Core Curriculum requirements. No course can be counted in more than one category, except as allowed in the International and Cultural Diversity Graduation requirement.

Credits Course
3 ENGL 104 Composition and Rhetoric.
3 Communication (3 hours): To be selected from the approved list in the University Core Curriculum.
6 Literature in English (6 hours): To be selected from approved college list.
6 Mathematics: At least 3 hours must be in MATH. Three hours also may be in logic.
Language, Philosophy and Culture and Creative Arts: To be selected from the approved list in the University Core Curriculum.

Life and Physical Sciences.

Social and Behavioral Sciences: To be selected from University Core Curriculum.

American History: Two courses in American history

Government/Political Science: POLS 206 and POLS 207.

International and Cultural Diversity: To be selected from approved list. This course may also be used to satisfy any other requirement.

General Electives

120 total hours
International Studies - BA, Environmental Studies Track

Principle objectives

1. To guide students through the complex cultural, social, political, and economic stakes of global interdependence.
2. To assure a measurable proficiency in a foreign language.
3. To assure regional cultural competency through a structured and integrated abroad experience.
4. To provide a historical dimension to current conceptions of globalization.

Curriculum

The degree plan consists of a combination of INTS core courses (15 hours), with electives tailored for each track (18 hours); area studies courses in the region corresponding to the student's foreign language choice (9 hours); foreign language courses (20 hours); and at least one long semester or 10-week summer study abroad or other approved International program with an emphasis on cultural and linguistic immersion.

International Environmental Studies Track

Globalization and rapid industrialization have brought about a set of environmental concerns that defy national boundaries. Students will work through a fascinating array of coursework chosen among the Colleges of Geoscience, Science, AgriLife, and Liberal Arts. Ultimately students will have a firm grasp of the myriad environmental issues that arise from our global interconnectness.

Program Requirements

Core Courses

INTS 201 Introduction to International Studies 3
Take three hours of the following:

INTS 205 Current Issues in International Studies 3
Select two of the following:

INTS 400-INTS 480 6
INTS 485 Directed Studies (no more than 3 hours)
INTS 489 Special Topics in...
INTS 497 Independent Honors Study
INTS 481 Senior Seminar in International Studies 3

Track Courses

Select six of the following programs from at least two departments: 18

AGEC 105 Introduction to Agricultural Economics
AGEC 350 Environmental and Natural Resource Economics
AGEC 414 Agribusiness and Food Market Analysis
AGEC 452 International Trade and Agriculture
AGLS 101 Modern Agricultural Systems and Renewable Natural Resources
BESC 201 Introduction to Bioenvironmental Sciences
BIOL 328 Plants and People
BIOL 357 Ecology
FSTC 201 Food Science

GEOG 201 Introduction to Human Geography
GEOG 202 Geography of the Global Village
GEOG 203 Planet Earth
GEOG 304 Economic Geography
GEOG 311 Cultural Geography
GEOG 324 Global Climatic Regions
GEOG 330 Resources and the Environment
GEOG 401 Political Geography
GEOG 430 Environmental Justice
GEOL 101 Principles of Geology
GEOL 420 Environmental Geology
GEOS 410 Global Change
INTS 301 Theories of Globalization
INTS 484 Directed Internship
OCNG 251 Oceanography
PHIL 314 Environmental Ethics
POLS 347 Politics of Energy and the Environment
POLS 456 Environmental Political Theory
REN 200 Fundamentals of Ecology
REN 375 Conservation of Natural Resources
SOCI 206 Global Social Trends
SOCI 328 Environmental Sociology

Areas Studies

Select courses from one of the following areas: 9

Latin America
Europe
Africa
North Africa and the Middle East
Asia

Foreign Language 20

International Experience Requirement 3

College and University Requirements

ENGL 104 Composition and Rhetoric 3
Select one of the following:

ENGL 203 Writing about Literature
ENGL 210 Technical and Business Writing
COMM 203 Public Speaking
COMM 205 Communication for Technical Professions
COMM 243 Argumentation and Debate

Literature in English 6
Mathematics 4
Language, philosophy and culture 3
Creative arts 3
Life and physical sciences 9
Social and behavioral sciences 6
American history 6
POLS 206 American National Government 3
POLS 207  State and Local Government 3
International and cultural diversity 5
General electives 7
Total Semester Credit Hours 120

Choose courses from an approved list on the INTS website in consultation with an advisor. Courses numbered 485 or 489 that contain significant international content can be taken in any department to meet part of the track or area requirement. Students must obtain International Studies advisor approval before taking the 485 or 489 course.

See the Foreign Language paragraph.

See the International Experience Requirements paragraph.

At least 3 hours must be in MATH. Three hours may be PHIL 240.

Courses may be used to satisfy other requirements.

Foreign Language

Students entering International Studies take a placement exam to determine the level of and number of required foreign language courses. Exam results may fulfill a maximum of 14 semester credit hours.

- Students placed in 101 will take 101, 102, 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 102 will take 102, 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 201 will take 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 202 will take 202 and 6 semester credit hours at the 300- or 400-level.
- Students placing out of 101, 102, 201 and 202 will take 6 semester credit hours at the 300- or 400-level.

International Experience Requirements

The International Experience must generate at least 3 hours of Texas A&M University credit. Departmental approval is required before travel.

Any international experience that does not meet these criteria will not count toward the degree.

- Must be at least one long semester or one 10-week summer approved experience.
- Must be taken after completion of 100- and 200-level language requirement and INTS 201.
- Must be completed before student is eligible to enroll in INTS 481, INTS 491 or INTS 497.
- Must be an immersion experience in the foreign culture and language, which can be satisfied by:
  - An internship at a company, government agency or non-profit operation involving significant use of the foreign language. Three hours of INTS 484 elective credit can be given.
  - Courses taken at a foreign university. Courses may count for Texas A&M University credit with approval of the advisor of the relevant department. These courses cannot apply to the International Studies core. One course must be taken in the foreign language at the 300- or 400-level.
  - Selected Texas A&M University Study Abroad programs which involve intensive cultural and language immersion.
**Detail Requirements**

### Information for Degree Evaluation

This is NOT an official evaluation.

### Program Evaluation

**Limitation Correspondence:** No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

**Limitation Combination:** Maximum combination of 18 hours of 481, 482, 485 and/or 491 courses may be used for an undergraduate degree.

**Limitation Onlone course from MATH 141, 166 may be used in this degree program.**

**Limitation Only 14 hours of KINE 199; AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward Residency.**

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<th>BA INTS-Int'l Env Studies</th>
<th>Catalog Term :</th>
<th>Fall 2015 - College Station</th>
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<td>Evaluation Term :</td>
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### Met Credits Courses

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### Other Course Information

Transfer :

| 0.000 | 0 |

This is NOT an official evaluation.

### Area Major Coursework (15.000 credits) - Not Met

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<td>A.</td>
<td>INTS 201</td>
<td>First make a grade of &quot;C&quot; or better.</td>
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<td>No AND</td>
<td>B.</td>
<td>INTS 205</td>
<td>First make a grade of &quot;C&quot; or better. 1st course to be taken 1 times.</td>
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<td>C.</td>
<td>400-level INTS - 6hrs</td>
<td>First make a grade of &quot;C&quot; or better. Select from INTS 481-499, 495, no more than 101 credits, 491, 497.</td>
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<td>No AND</td>
<td>D.</td>
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unofficial evaluation

### Area Supporting Coursework (18.000 credits) - Not Met

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Total Credits and GPA: 0.000 .00
unofficial evaluation

Area Area Studies Requirement (9.000 credits) - Not Met

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<th>Attribute</th>
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<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No</td>
<td>B.</td>
<td>Europe 9hrs</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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<tr>
<td>No</td>
<td>C.</td>
<td>Africa 9hrs</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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<tr>
<td>No</td>
<td>D.</td>
<td>Asia 9hrs</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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<td>No</td>
<td>E.</td>
<td>N. Africa &amp; The Mideast 9hrs</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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Total Credits and GPA 0.000 0.00

unofficial evaluation

Area Communication (12.000 credits) - Not Met

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<td>B.</td>
<td>Communication Rmtr 3hrs</td>
<td>Select from any course with the communication attribute [KCOM].</td>
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Total Credits and GPA 0.000 0.00

unofficial evaluation

Area Mathematics (6.000 credits) - Not Met

unofficial evaluation
unofficial evaluation

Area: Life and Physical Sciences (9,000 credits) - Not Met

Met: A. Life/Physical Sciences 9hrs
Select 9 hours from any courses with the Life and Physical Sciences attribute [LPNS].

unofficial evaluation

Area: Foreign Language (20,000 credits) - Not Met

Description: Complete 1 of the Following Groups:

A. French 20hrs
1. 8hrs. Take FREN 101, 102.
2. 3hrs. Select from FREN 201, 221.
3. 3hrs. Select from FREN 202, 222.
4. 6hrs. Select from FREN 300-499.

B. German 20hrs
1. 8hrs. Take GERM 101, 102.
2. 3hrs. Select from GERM 201, 221.
3. 3hrs. Select from GERM 202, 222.
4. 6hrs. Select from GERM 300-499.

C. Italian 20hrs
1. 8hrs. Take ITAL 101, 102.
2. 6hrs. Take ITAL 201, 202.
3. 6hrs. Select from ITAL 300-499.

D. Japanese 20hrs
1. 8hrs. Take JAPN 101, 102.
2. 6hrs. Take JAPN 201, 202.
3. 6hrs. Select from JAPN 300-499.

E. Russian 20hrs
1. 8hrs. Take RUSS 101, 102.
2. 5hrs. Select from RUSS 201, 202, 221, 222.
3. 5hrs. Select from RUSS 300-499.

F. Spanish 20hrs
1. 4hrs. Take SPAN 101.
2. 4hrs. Select from SPAN 102, 140.
3. 3hrs. Select from SPAN 201, 221.
4. 3hrs. Select from SPAN 202, 203, 222.
5. 6hrs. Select from SPAN 300-499.

G. Chinese 20hrs
1. 8hrs. Take CHIN 101, 102.
2. 8hrs. Take CHIN 201, 202.
3. 6hrs. Select from CHIN 300-499.
H. Arabic 20hrs  
1. 8hrs. Take ARAB 101, 102. 
2. 6hrs. Take ARAB 201, 202. 
3. 6hrs. Select from ARAB 300-499.

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<td>OR</td>
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<td>20hrs</td>
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unofficial evaluation

Area: Lang. Phil. Cult. & Cr. Arts (6,000 credits) - Not Met

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unofficial evaluation

Area: Social and Behavioral Science (6,000 credits) - Not Met

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unofficial evaluation

Area: Citizenship (12,000 credits) - Not Met

Description: Completion of 4 semesters of Upper-Level ROTC may be substituted for 5 hours of American History and 5 hours of Political Science.

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unofficial evaluation

Total Credits and GPA: 0.000, 0.00
unofficial evaluation

Area: General Electives (7.000 credits) - Not Met

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Note: any 100-499 course not used elsewhere

Total Credits and GPA

| 5.000 | .00 |

unofficial evaluation

Area: Work Not Applied - Met

Description: See advisor for acceptable substitutions.

<table>
<thead>
<tr>
<th>No</th>
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Total Credits and GPA

| .000 | .00 |

unofficial evaluation

Area: University Writing Requirement - Not Met

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<th>Credits</th>
<th>Grade</th>
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</table>
| A. | Writing Requirement Course I

Only sections with prefix of ASIA, ARAB, CHIN, FRBL, GERM, ITAL, JAPN, RUSS, SPAN with the Writing attribute [UWRT] or INTS 201, 400-480, 481, 483 or 487; UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.

Total Credits and GPA

| 0.000 | .00 |

unofficial evaluation

Area: Int'l & Cult Diversity - Not Met

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<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
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</table>
| A. | Int'l & Cultural Diversity 6hr

Select from courses with the International and Cultural Diversity attribute [IU&C] (except sections of BUSH 289 with the UWRT attribute).

Total Credits and GPA

| n.000 | .00 |
Area: Residence Requirement - Not Met

Description: A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

<table>
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<tr>
<th>Met Condition Rule</th>
<th>Subject Attribute Low</th>
<th>High Required</th>
<th>Term Subject Course Title</th>
<th>Attribute Credits</th>
<th>Grade Source Courses</th>
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No B. Residence - 300-499 24hrs

Total Credits and GPA: 0.000 .00

unofficial evaluation

Area: GPR-Major - Not Met

Description: A GPR of 2.00 must be maintained in all major field courses.

<table>
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<tr>
<th>Met Condition Rule</th>
<th>Subject Attribute Low</th>
<th>High Required</th>
<th>Term Subject Course Title</th>
<th>Attribute Credits</th>
<th>Grade Source Courses</th>
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<tr>
<td>No A. Major GPR 42+hrs</td>
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<td>Includes: AMST 281-282; AGRC 105, 350, 414, 457, 501; AGRO 314-315; ANMT 100; ANTH 205, 305-305; APCH 440-442; ARTS 185; ASIA 349-463; BESC 201; BGNL 326, 357; BUS 351; COMM 105, ENVR 367; FURD 335; PFIN 501-525; FTSC 201; GEOG 201-203, 304-311; HUMA 393-394; INTS 201-207, 301-307; KINR 370; MDDL 341-342, 352-345; MNTL 314; PEMS 311, 324-326; PEPP 301-327; PHEL 381-383; PHEL 203, 335-349; FQLS 204, 311, 322-326, 331, 338, 347-359, 362-366, 456; RELS 351-434; RELR 205, 375-475; RMCL 101-103; RPTS 307; RUSL 322-447; SOC 200, 220, 338-346, 453; SPAN 326-450; STAT 201, 303; THUM 280-285; UMST 453.</td>
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</table>

Total Credits and GPA: 0.000 .00

unofficial evaluation

Back to Display Options
Subject: Re: add courses to INTS tracks
Date: Tuesday, June 16, 2015 at 8:18:51 PM Central Daylight Time
From: Chris Houser
To: Stefanie Harris
CC: Shandley, Robert R

The College of Geosciences approves these additions to your GIST minor in INTS.

Chris

--
Dr. Chris Houser | Global Faculty Ambassador
Associate Dean for Undergraduate and Faculty Affairs
Associate Professor, Department of Geography
College of Geosciences | Texas A&M University

On Tue, Jun 16, 2015 at 5:00 PM, Stefanie Harris <stefanieraharr@gmail.com> wrote:

Dear Chris,

Thanks again for coming by to meet with us about the new GIS track in International Studies.

As we discussed, we will be revising two of our tracks to add some additional courses in the college of Geosciences.

International Studies: International Geographic Information Systems Track
We will be adding ATMO 201, GEOL 101, GEOS 210, and OCNG 251 to the list of elective courses in the track.

International Studies: International Environmental Studies Track
We will be adding ATMO 201 and GEOS 210 to the list of elective courses in the track.

Could you please send me a letter of support (a response to this email should suffice) stating that your college approves of these changes? I will need to include this document when I put the curricular changes up before the committee.

Thanks!

Best,
Stefanie

Stefanie Harris, Ph.D.
Associate Professor of German and Film Studies
Associate Head, Department of International Studies
Texas A&M University
4215 TAMU
College Station, TX 77843-4215
tel: 979-845-2124
internationalstudies.tamu.edu
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS
DEPARTMENT OF INTERNATIONAL STUDIES
BA IN INTERNATIONAL STUDIES
INTERNATIONAL GEOGRAPHIC INFORMATION SYSTEM TRACK
Texas A&M University
Request for a Change in Curriculum
Undergraduate + Graduate + Professional

1. Program request type: ☑ Undergraduate   ☐ Graduate   ☐ First Professional (e.g., DVM, JD, MD, etc.)

2. Request change for: ☑ Degree Program   ☐ Minor   ☐ Certificate

3. Request submitted by (Department or Program Name):
Program Designation and Name:
(e.g., B.A. in History, Minor in History, Certificate in European Union):
International Studies
B.A. in International Studies: International Geographic Information Systems

4. Brief description of change:
Add ATMO 201, GEOL 101, GEOS 210, and OCNG 251 to list of elective courses in the track.
Add GEOG 324 and GEOG 327 to list of elective courses in the track.

5. Rationale for change:
Courses added on advice of faculty in the College of Geosciences.

6. Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached. ☑ Yes   ☐ No

    b. Current catalog curriculum with handwritten edits attached. ☑ Yes   ☐ No

    c. Current Howdy degree evaluation with handwritten edits attached. ☑ Yes   ☐ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? ☐ Yes   ☑ No

    b. If yes, degree program hours will change from: _______ to: _______

    c. If yes, is the Texas Higher Education Coordinating Board form attached? ☐ Yes   ☐ No

http://www.thecb.state.tx.us/index.cfm?objectid=A0F97FA-9A92-4F11-2756AD1B8F1b1D60

9. If proposed changes affect other unit(s), are letters of support attached? ☑ Yes   ☐ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:
Robert R. Shandley 8/25/15

Department Head or Program Chair (Type Name & Sign) Date

Dean of College 8/24/15

Chair, College Review Committee 9/14/15

Chair, GC or UCC Date

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
B.A. in International Studies: International Geographic Information Systems Track

Core Courses: 15 credits.
Credit Course
3 INTS 201 Introduction to Cultural Studies
3 INTS 205 Current Issues in International Studies (1 hour course to be taken 3 times)
6 INTS electives: select from INTS 400-480, INTS 485 (no more than 3 hours), INTS 489, INTS 497
3 INTS 481 Senior Seminar

International Geographic Information Systems Track: 18 credits.
Credit Course
3 Fundamentals of Geography. To be chosen from the following:
   ATMO 201 Atmospheric Sciences
   GEOG 203 Planet Earth
   GEOG 205 Environmental Change
   GEOL 101 Principles of Geography
   GEOS 210 Climate Change
   OCNG 251 Oceanography

3 Regional Geography. To be chosen from the following:
   GEOG 320 The Middle East
   GEOG 323 Geography of Latin America
   GEOG 324 Global Climatic Regions
   GEOG 325 Geography of Europe
   GEOG 327 Geography of South Asia

12 Principles of Geographic Information Systems. Required:
   GEOG 361 Remote Sensing in Geosciences (4 hours)
   GEOG 390 Principles of Geographic Information Systems (4 hours)
   GEOG 475 Advanced Topics in GIS (Geographic Information Systems) (4 hours)

Area Studies: 9 credits. Choose one area.

Latin America
Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

Europe
Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

Africa
Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

North Africa and the Middle East
Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

Asia
Credit Course
9 To be chosen from an approved list on the INTS website in consultation with an advisor.

Courses numbered 485 or 489 that contain significant international content can be taken in any department to meet part of the track or area requirement. Students must obtain International Studies advisor approval before taking the 485 or 489 course.
Foreign Language: 20 credits.
Placement exam to be taken upon entering program (students may place out of a maximum of 14 hours)
Students placed in 101 will take 101, 102, 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 102 will take 102, 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 201 will take 201 and 202/203 and 6 hours at the 300- or 400-level.
Students placed in 202 will take 202/203 and 6 hours at the 300- or 400-level.
Students placing out of 101, 102, 201 and 202 will take 6 hours at the 300- or 400-level.

International Experience Requirement: Must generate at least 3 hours of Texas A&M University credit; requires approval by Director of International Studies before travel.
1. Must be at least one long semester or one 10-week summer approved experience.
2. Must be taken after completion of 100- and 200-level language requirement and INTS 201.
3. Must be completed before student is eligible to enroll in INTS 481, INTS 491 or INTS 497.
4. Must be an immersion experience in the foreign culture and language.
   The requirement can be satisfied by:
   a. An internship at a company, government agency or non-profit operation involving significant use of the
      foreign language. Three hours of INTS 484 elective credit can be given.
   b. Courses taken at a foreign university. Courses may count for Texas A&M University credit with
      approval of the advisor of the relevant department. These courses cannot apply to the International Studies
      core. One course must be taken in the foreign language at the 300- or 400-level.
   c. Selected Texas A&M University Study Abroad programs which involve intensive cultural and language
      immersion.
   d. A combination of the above to equal the requirement of a long semester or a 10-week summer-approved
      experience.
5. Must be taken outside of the student’s country of origin.
6. Must be taken in one foreign country that matches with the foreign language and the area study requirement
   unless approved by the Director of International Studies before travel

College and University Requirements (including Texas A&M University Core Curriculum Requirements).
Other courses may qualify for the following categories. Students should consult the approved list of courses
available in the Undergraduate Student Services Office in the College of Liberal Arts or in the International Studies
Degree Program Office. The following list incorporates University Core Curriculum requirements. No course can be
counted in more than one category, except as allowed in the International and Cultural Diversity Graduation
requirement.

Credits  Course
3    ENGL 104 Composition and Rhetoric.
3    Communication (3 hours): To be selected from the approved list in the University Core Curriculum.
6    Literature in English (6 hours): To be selected from approved college list.
6    Mathematics: At least 3 hours must be in MATH. Three hours also may be in logic.
6    Language, Philosophy and Culture and Creative Arts: To be selected from the approved list in the
    University Core Curriculum.
9    Life and Physical Sciences.
6    Social and Behavioral Sciences: To be selected from University Core Curriculum.
6    American History: Two courses in American history
6    Government/Political Science: POLS 206 and POLS 207.
(3)   International and Cultural Diversity: To be selected from approved list. This course may
      also be used to satisfy any other requirement.
7    General Electives

120 total hours
International Studies - BA, International Geographic Information Systems Track

Principle objectives

1. To guide students through the complex cultural, social, political, and economic stakes of global interdependence.
2. To assure a measurable proficiency in a foreign language.
3. To assure regional cultural competency through a structured and integrated abroad experience.
4. To provide a historical dimension to current conceptions of globalization.

Curriculum

The degree plan consists of a combination of INTS core courses (15 hours), with electives tailored for each track (18 hours); area studies courses in the region corresponding to the student's foreign language choice (9 hours); foreign language courses (20 hours); and at least one long semester or 10-week summer study abroad or other approved international program with an emphasis on cultural and linguistic immersion.

International Geographic Information Systems Track

The International Geographic Information Systems track adds a tremendous skill set to the already substantial ones offered by the core INTS major. The International GIS track immerses students in the workings of spatially distributed information that is used in the environmental, transportation, defense, and many other sectors of the economy. Students will develop skills in spatial analysis and advanced applications of GIS technologies.

Program Requirements

Core Courses

INTS 201 Introduction to International Studies 3

Take three hours of the following:

INTS 205 Current Issues in International Studies (1 hour course to be taken 3 times) 3

Select two of the following:

INTS 400-INTS 480
INTS 485 Directed Studies (no more than 3 hours)
INTS 489 Special Topics in...
INTS 497 Independent Honors Study
INTS 481 Senior Seminar in International Studies 3

Track Courses

Select one of the following:

GEOG 201 Planet Earth
GEOG 210 Environmental Change

Select one of the following:

GEOG 320 The Middle East
GEOG 323 Geography of Latin America
GEOG 325 Geography of Europe
GEOG 381 Remote Sensing in Geosciences

GEOG 390 Principles of Geographic Information Systems 4
GEOG 475 Advanced Topics in GIS (Geographic Information Systems) 4

Area Studies

Select courses from one of the following areas: 1

Latin America
Europe
Africa
North Africa and the Middle East
Asia
Foreign Language 2

International Experience Requirement 3

College and University Requirements

ENGL 104 Composition and Rhetoric 3

Select one of the following:

ENGL 203 Writing about Literature
ENGL 210 Technical and Business Writing
COMM 203 Public Speaking
COMM 205 Communication for Technical Professions
COMM 243 Argumentation and Debate

Literature in English 6
Mathematics 4
Language, philosophy and culture 3
Creative arts 3
Life and physical sciences 9
Social and behavioral sciences 6
American history 6
POLS 208 American National Government 3
POLS 207 State and Local Government 3

International and cultural diversity 5

General electives 7

Total Semester Credit Hours 120

1 Choose courses from any approved list on the INTS website in consultation with an advisor. Courses numbered 485 or 489 that contain significant international content can be taken in any department to meet part of the track or area requirement. Students must obtain International Studies advisor approval before taking the 485 or 489 course.

2 See the Foreign Language paragraph.

3 See the International Experience Requirements paragraph.

4 At least 3 hours must be in MATH. Three hours may be PHIL 240.

5 Courses may be used to satisfy other requirements.
Foreign Language

Students entering International Studies take a placement exam to determine the level of and number of required foreign language courses. Exam results may fulfill a maximum of 14 semester credit hours.

- Students placed in 101 will take 101, 102, 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 102 will take 102, 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 201 will take 201 and 202 and 6 semester credit hours at the 300- or 400-level.
- Students placed in 202 will take 202 and 6 semester credit hours at the 300- or 400-level.
- Students placing out of 101, 102, 201 and 202 will take 6 semester credit hours at the 300- or 400-level.

International Experience Requirements

The International Experience must generate at least 3 hours of Texas A&M University credit. Departmental approval is required before travel. Any international experience that does not meet these criteria will not count toward the degree.

- Must be at least one long semester or one 10-week summer approved experience.
- Must be taken after completion of 100- and 200-level language requirement and INTS 201.
- Must be completed before student is eligible to enroll in INTS 481, INTS 491 or INTS 497.
- Must be an immersion experience in the foreign culture and language, which can be satisfied by:
  - An internship at a company, government agency or non-profit operation involving significant use of the foreign language. Three hours of INTS 484 elective credit can be given.
  - Courses taken at a foreign university. Courses may count for Texas A&M University credit with approval of the advisor of the relevant department. These courses cannot apply to the International Studies core. One course must be taken in the foreign language at the 300- or 400-level.
  - Selected Texas A&M University Study Abroad programs which involve intensive cultural and language immersion.
  - A combination of the above to equal the requirement of a long semester or a 10-week summer-approved experience.

- Must be taken outside of the student's country of origin.
- Must be taken in one foreign country that matches with the foreign language and the area study requirement unless approved by the department head before travel.

Other courses may qualify for the college, university requirements categories. Students should consult the approved list of courses available in the Undergraduate Student Services Office in the College of Liberal Arts or in the International Studies Degree Program Office. The list incorporates University Core Curriculum requirements. No course can be counted in more than one category, except as allowed in the International and Cultural Diversity Graduation requirement.
Program Evaluation

Limitation on Correspondence: No more than 12 hours of correspondence earned through an accredited institution may be used for an undergraduate degree.

Limitation on Combination: Maximum combination of 12 hours of 480, 484, 485, and/or 491 courses may be used for an undergraduate degree.

Limitation on Only one course from MATH 141, 165 may be used in this degree program.

Limitation on Only 14 hours of KINE 199; AERS 100-499; MLSC 100-499; NVSC 100-499; SOMS 100-459 may be used in this degree program to include hours counted toward Residency.

<table>
<thead>
<tr>
<th>Program</th>
<th>BA INTS-Int'l GIS</th>
<th>Catalog Term</th>
<th>Fall 2015 - College Station</th>
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<td>Fall 2015 - College Station</td>
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<tr>
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<td>Overall GPA</td>
<td>No</td>
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This is NOT an official evaluation.

Area: Major Coursework (15.000 credits) - Not Met

<table>
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<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>Credits</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>INTS 201</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td></td>
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</tr>
<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>INTS 205</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>C.</td>
<td>400-level INTS - 6hrs</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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<td>No</td>
<td>AND</td>
<td>D.</td>
<td>INTS 481</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
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unofficial evaluation

Area: Supporting Coursework (18.000 credits) - Not Met

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<th>Rule</th>
<th>Subject</th>
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<th>Required Credits</th>
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<th>Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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</table>

This is NOT an official evaluation.
<table>
<thead>
<tr>
<th>No</th>
<th>A.</th>
<th>Fundamentals of Geography 3hrs</th>
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</thead>
<tbody>
<tr>
<td>No AND</td>
<td>B.</td>
<td>Regional Geography 3hrs</td>
</tr>
<tr>
<td>No AND</td>
<td>C.</td>
<td>Principles of 615 12hrs</td>
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</table>

Total Credits and GPA: 0.000 0.00

**unofficial evaluation**

**Area Area Studies Requirement (9-000 credits) - Not Met**

| Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source |
|----|-----------------|-----------------|-----------------|-----------------|
| No | A. | Latin America 9hrs |
| No | OR | B. | Pre-Law 9hrs |
| No | OR | C. | Africa 9hrs |
| No | OR | D. | Asia 9hrs |
| No | OR | E. | H. Africa & The M'd East 9hrs |

Total Credits and GPA: 0.000 0.00

**unofficial evaluation**

**Area Communication (12.000 credits) - Not Met**

| No | A. | ENGL 104 |
| No AND | B. | Communication Rqmt 3hrs |
| No AND | C. | Literature Rqmt 6hrs |

Total Credits and GPA: 0.000 0.00

**unofficial evaluation**

**Area Mathematics (6.000 credits) - Net Met**
<table>
<thead>
<tr>
<th>No</th>
<th>A. Mathematics 3hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select any course with the [FMTH] attribute.</td>
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</table>

<table>
<thead>
<tr>
<th>No AND B. Math/Logic 3hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select from MTH 240 or any course with the [FMTH] attribute.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
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<tr>
<td>Total Credits and GPA: 0.000 0.00</td>
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unofficial evaluation

**Area: Life and Physical Sciences (9.000 credits) - Not Met**

<table>
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<tr>
<th>No</th>
<th>A. Life/Physical Sciences 9hrs</th>
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<tbody>
<tr>
<td></td>
<td>Select 3 hours from any courses with the Life and Physical Sciences attribute [FLPS].</td>
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</table>

<table>
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</table>

unofficial evaluation

**Area: Foreign Language (20.000 credits) - Not Met**
**Detail Requirements**

**Description** Complete 1 of the Following Groups.

1. French 20hrs
   - 1. 8hrs. Take FREN 101, 102.
   - 2. 3hrs. Select from FREN 201, 221.
   - 3. 3hrs. Select from FREN 202, 222.
   - 4. 6hrs. Select from FREN 300-499.

2. German 20hrs
   - 1. 8hrs. Take GERM 101, 102.
   - 2. 3hrs. Select from GERM 201, 221.
   - 3. 3hrs. Select from GERM 202, 222.
   - 4. 6hrs. Select from GERM 300-499.

3. Italian 20hrs
   - 1. 8hrs. Take ITAL 101, 102.
   - 2. 6hrs. Take ITAL 201, 202.
   - 3. 6hrs. Select from ITAL 300-499.

4. Japanese 20hrs
   - 1. 8hrs. Take JAPN 101, 102.
   - 2. 6hrs. Take JAPN 201, 202.
   - 3. 6hrs. Select from JAPN 300-499.

5. Russian 20hrs
   - 1. 8hrs. Take RUSS 101, 102.
   - 2. 6hrs. Select from RUSS 201, 202, 221, 222.
   - 3. 6hrs. Select from RUSS 300-499.

6. Spanish 20hrs
   - 1. 4hrs. Take SPAN 101.
   - 2. 4hrs. Select from SPAN 102, 140.
   - 3. 3hrs. Select from SPAN 201, 221.
   - 4. 3hrs. Select from SPAN 202, 203, 222.
   - 5. 6hrs. Select from SPAN 300-499.

7. Chinese 20hrs
   - 1. 8hrs. Take CHIN 101, 102.
   - 2. 6hrs. Take CHIN 201, 202.
   - 3. 6hrs. Select from CHIN 300-499.

8. Arabic 20hrs
   - 1. 8hrs. Take ARAB 101, 102.
   - 2. 8hrs. Take ARAB 201, 202.
   - 3. 6hrs. Select from ARAB 300-499.

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<th>Subject Attribute</th>
<th>Low</th>
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Total Credits and GPA

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unofficial evaluation

Area Lang. Phil. Cult. & Cr. Arts (6.000 credits) - Not Met

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4 of 7
### Area: Social and Behavioral Science (6.000 credits) - Not Met

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Select any course with the Social and Behavioral Science attribute (S-BSC).

Total Credits: 3.000

### Area: Citizenship (12.000 credits) - Not Met

**Description**: Completion of 4 semesters of Upper-Level ROTC may be substituted for 3 hours of American History and 3 hours of Political Science.

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<th>Required Courses</th>
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<th>Grade Source</th>
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<td>3hrs</td>
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Select from any course with the [H-GEN] attribute.

Total Credits: 3.000

### Area: General Electives (7.000 credits) - Not Met

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<th>High</th>
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<th>Required Courses</th>
<th>Term Subject Course</th>
<th>Title Attribute</th>
<th>Credits</th>
<th>Grade Source</th>
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Select any 100-499 course not used elsewhere.

Total Credits: 3.000

### Area: Work Not Applied - Met

**Description**: See advisor for acceptable substitutions.

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<th>Required Courses</th>
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<td>Courses not applied</td>
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Total Credits: 0.000
unofficial evaluation

Area: University Writing Requirement - Not Met

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<td>No</td>
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<td></td>
<td></td>
<td>Writing Requirement Course I</td>
<td>only sections with prefix of ASIA, ARAB, CHIN, FREN, GERM, ITAL, JAPN, RUSS, SPAN with the Writing attribute [UWRT] or INTS 201, 400-480, 491 or 497; UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
<td></td>
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<tr>
<td>No AND B</td>
<td>Writing Requirement Course II</td>
<td>only sections of INTS 201, 400-480, 491 or 497; UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
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Total Credits and GPA 0.000 0.0

unofficial evaluation

Area: Int'l & Cult Diversity - Not Met

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<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
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<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td>Int'l &amp; Cultural Diversity &amp;hr</td>
<td>select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUS 219 with the UWRT attribute).</td>
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</table>

Total Credits and GPA 0.000 0.0

unofficial evaluation

Area: Residence Requirement - Not Met

Description: A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

<table>
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<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
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<tbody>
<tr>
<td>No AND B</td>
<td>Residence - 300-499 hrs</td>
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Total Credits and GPA 0.000 0.0

unofficial evaluation

Area: GPR-Major - Not Met

Description: A GPR of 2.00 must be maintained in all major field courses.

<table>
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<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute</th>
<th>Credits</th>
<th>Grade</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td>Major GPR 42 hrs</td>
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</table>

Total Credits and GPA 0.000 0.0
unofficial evaluation

Back to Display Options
Subject: Re: add courses to INTS tracks
Date: Tuesday, June 16, 2015 at 8:18:51 PM Central Daylight Time
From: Chris Houser
To: Stefanie Harris
CC: Shandley, Robert R

The College of Geosciences approves these additions to your GIST minor in INTS.

Chris

---
Dr. Chris Houser  |  Global Faculty Ambassador
Associate Dean for Undergraduate and Faculty Affairs
Associate Professor, Department of Geography
College of Geosciences  |  Texas A&M University

On Tue, Jun 16, 2015 at 5:00 PM, Stefanie Harris <stefanieharris@tamu.edu> wrote:

Dear Chris,

Thanks again for coming by to meet with us about the new GIS track in International Studies.

As we discussed, we will be revising two of our tracks to add some additional courses in the college of Geosciences.

International Studies: International Geographic Information Systems Track
We will be adding ATMO 201, GEOL 101, GEOS 210, and OCNG 251 to the list of elective courses in the track.

International Studies: International Environmental Studies Track
We will be adding ATMO 201 and GEOS 210 to the list of elective courses in the track.

Could you please send me a letter of support (a response to this email should suffice) stating that your college approves of these changes? I will need to include this document when I put the curricular changes up before the committee.

Thanks!

Best,

Stefanie

Stefanie Harris, Ph.D.
Associate Professor of German and Film Studies
Associate Head, Department of International Studies
Texas A&M University
4215 TAMU
College Station, TX  77843-4215
tel: 979-845-2124
internationalstudies.tamu.edu
Subject: Re: another addition to GIS track

Date: Tuesday, June 16, 2015 at 8:19:21 PM Central Daylight Time

From: Chris Houser

To: Stefanie Harris

The College of Geosciences also approves these additions to the GIS Track in INTS.

Regards,

Chris

---

Dr. Chris Houser | Global Faculty Ambassador
Associate Dean for Undergraduate and Faculty Affairs
Associate Professor, Department of Geography
College of Geosciences | Texas A&M University

On Tue, Jun 16, 2015 at 5:13 PM, Stefanie Harris <stefanieharris@tamu.edu> wrote:

Hi Chris,

In putting the paperwork together, I discovered 2 additional courses that I think we can add to the electives list for the INTS: GIS track.

GEOG 324 Global Climatic Regions
GEOG 327 Geography of South Asia

These two courses would join the other elective courses of this type (GEOG 320, 323, 325).

Please let me know if you approve this addition.

Thanks!

Best,

Stefanie

Stefanie Harris, Ph.D.
Associate Professor of German and Film Studies
Associate Head, Department of International Studies
Texas A&M University
4215 TAMU
College Station, TX 77843-4215
tel: 979-845-2124
internationalstudies.tamu.edu
CHANGE IN CURRICULUM

COLLEGE OF LIBERAL ARTS
DEPARTMENT OF INTERNATIONAL STUDIES
BA IN INTERNATIONAL STUDIES
MINOR IN ARABIC STUDIES
Texas A&M University
Request for a Change in Curriculum
Undergraduate • Graduate • Professional

1. Program request type: ☑ Undergraduate  □ Graduate  □ First Professional (e.g. DVM, JD, MD, etc.)

2. Request change for:  □ Degree Program  ✔ Minor  □ Certificate

3. Request submitted by (Department or Program Name):
Program Designation and Name
INTERNATIONAL STUDIES

4. (e.g., B.A. in History, Minor in History, Certificate in European Union):
MINOR IN ARABIC STUDIES

5. Brief description of change:
Move ARAB 221 from core course to elective; add ARAB 321 and ARAB 323 as options in core courses; add additional ARAB and INTS courses with focus on the Middle East to list of electives. These changes will result in 12 hours of core courses (as opposed to 15 hours) and 6 hours of electives (as opposed to 3 hours); the total number of hours in the minor will not change.

6. Rationale for change:
Since the Arabic Studies minor was instituted, the number and breadth of courses in Arabic studies has increased. With the addition of new faculty and the restructuring of INTS, the department now offers more courses in Arabic studies and these have been added to the electives list. ARAB 221 will be moved to the electives list, since it is only offered by TAMU faculty as part of a faculty-led study abroad program; this change will permit students who do not study abroad with the faculty-led group to fulfill the requirements for the minor by selecting a different elective.

Use the checkboxes below to make sure that all information is included.

7. a. Proposed curriculum attached.  ✔ Yes  □ No
b. Current catalog curriculum with handwritten edits attached.  ✔ Yes  □ No
c. Current Howdy degree evaluation with handwritten edits attached.  ✔ Yes  □ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

8. a. Will degree program hours change (increase/decrease) due to the proposed curriculum changes?  □ Yes  ✔ No
b. If yes, degree program hours will change from: ______ to: ______

c. If yes, is the Texas Higher Education Coordinating Board form attached?  □ Yes  □ No
http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3B9F311D60

9. If proposed changes affect other unit(s), are letters of support attached?  □ Yes  □ No

IMPORTANT NOTE: Curriculum changes submitted through the approval process and fully approved by February (December-UCC/GC, January-Faculty Senate, February-President) will be effective in the next academic year. Changes requiring approval beyond the University should complete the internal approval process early in the fall semester whenever possible in order to ensure timely implementation.

Approval recommended by:

Robert R. Shandley  8/25/15
Department Head or Program Chair, Type Name and Sign

Sandra Williams  8/26/15
Dean of College

Chair, College Review Committee  9/14/15

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra-williams@tamu.edu.
Curricular Services – 04/14
Arabic Studies – Minor

Program Requirements

Core courses
ARAB 202 3
Select two of the following: 6
  ARAB 301 Reading and Composition
  ARAB 302 Reading and Composition II
  ARAB 321 Business Arabic
  ARAB 323 Media Arabic
ARAB 491 Research (Capstone Course) 3

Electives
Select two of the following: 6
  ARAB 221 Introduction to Arabic Language and Society
  ARAB 400-489
  COMM 475 Media and the Middle East
  GEOG 320 The Middle East
  HIST 221/ History of Islam
  RELS 221
  HIST 347/ Rise of Islam, 600-1258
  RELS 347
  HIST 348 Modern Middle East
  INTS 251 Contemporary Issues in the Middle East
  INTS 321/ Political Islam and Jihad
  RELS 321/
  HUMA 321
  INTS 484 Directed Internship (in an Arabic-speaking country)

TOTAL Semester Credit Hours 18

Students must earn a “C” or better in all minor coursework.
Arabic Studies - Minor

The minor in Arabic Studies is an academic program open to all students in the university. The minor is interdisciplinary in nature and combines courses in Arabic language and culture with electives in Arabic studies, as well as a capstone project. The minor is a valuable complement to the academic portfolio of any student majoring in the humanities, social sciences, or natural sciences, who wishes to add an international dimension to their intellectual profile. In addition, Arabic Studies faculty offer study abroad programs in order to enrich student learning experiences and cultural knowledge while helping students attain higher proficiency in the language.

Students must complete ARAB 101 and ARAB 102 before they may declare a minor in Arabic Studies.

Program Requirements

Core Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARAB 202</td>
<td>Intermediate Arabic II</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 221</td>
<td>Introduction to Arabic Language and Society</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 301</td>
<td>Reading and Composition</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 302</td>
<td>Reading and Composition II</td>
<td>3</td>
</tr>
<tr>
<td>ARAB 491</td>
<td>Research (Capstone course)</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives

Select two of the following:

- ARAB 301, ARAB 302, ARAB 321, ARAB 333
- COMM 475
- INTS 251, INTS 321
- ARAB 400-489

Total Semester Credit Hours 18

Students must earn a "C" or better in all minor coursework.

Capstone Project

A capstone project that is completed in an approved upper-division Arabic Studies course is required of all students pursuing a minor in Arabic Studies during their final year of the program. It consists of a substantial research paper (15–20 pages) on an original topic and is conducted under the direction of a faculty member with the approval of the departmental advisors. Through the capstone course and project, students get a chance to integrate their classroom knowledge about the Arab world and use their study-abroad experiences and internships in an Arabic-speaking country, if any, to address an issue of interest to them. Issues that students can choose to address could be of linguistic, cultural, historical, religious, or political nature, among others. Upon its completion, and in coordination with the departmental advisors, the final project will be presented orally to Arabic classes in order to maximize its benefits.
unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Arabic Studies Minor (18.000 credits) - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits</td>
</tr>
<tr>
<td>No</td>
<td>A. ARAB 301</td>
</tr>
<tr>
<td>No</td>
<td>AND B. ARAB 301</td>
</tr>
<tr>
<td>No</td>
<td>AND C. ARAB 301</td>
</tr>
<tr>
<td>No</td>
<td>AND D. ARAB 302</td>
</tr>
<tr>
<td>No</td>
<td>AND E. Elective 10hrs</td>
</tr>
<tr>
<td>No</td>
<td>AND F. Capstone Project 3hrs</td>
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Unofficial Evaluation: 0.000 0.00

<table>
<thead>
<tr>
<th>Area</th>
<th>University Writing Requirement - Not Met</th>
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<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits</td>
</tr>
<tr>
<td>No</td>
<td>A. Writing Requirement Course I</td>
</tr>
<tr>
<td>No</td>
<td>AND B. Writing Requirement Course II</td>
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</table>

Unofficial Evaluation: 0.000 0.00

<table>
<thead>
<tr>
<th>Area</th>
<th>Int'l &amp; Cult Diversity - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High Required Credits</td>
</tr>
<tr>
<td>No</td>
<td>A. Int'l &amp; Cultural Diversity Attr</td>
</tr>
</tbody>
</table>

Unofficial Evaluation: 0.000 0.00

Area: Residence Requirement - Not Met

Description: A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&M University. 12 hours must be in the major field.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A. Residence - Major 12hrs</td>
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</tbody>
</table>

Total Credits and GPA: 0.000 0.00
SPECIAL CONSIDERATION
SPECIAL CONSIDERATION

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
DEPARTMENT OF AGRICULTURAL ECONOMICS
MINOR IN AGRIBUSINESS ENTREPRENEURSHIP
REQUEST FOR A NEW MINOR
Texas A&M University
Proposed Minor Field of Study

Name of Minor Program: Agribusiness Entrepreneurship

Department: Agricultural Economics

College: Agriculture and Life Sciences

Will grant a minor: Yes ☑  No ❑  Academic Year: 2016-2017

A selection from among the following courses will constitute a minor field of study.

A. The following 16 hours of course work are required.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 223 OR AGEC 423 (1 hour credit)</td>
<td></td>
</tr>
<tr>
<td>AGEC 315 (3 hours credit)</td>
<td>AGEC 424 (3 hours credit)</td>
</tr>
<tr>
<td>AGEC 425 (3 hours credit)</td>
<td>AGEC 434 (3 hours credit)</td>
</tr>
</tbody>
</table>

B. Select _____ hours from the following courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

Please indicate further requirements such as grade point requirement, prerequisites, resident (if above the minimum 6 hours at the 300- to 400-level), capstone or methods courses.

Minimum of 16 hours required.

Minimum of 6 hours at 300- to 400-level

Must make a grade of "C" or better in each course. Must have declared a major. Must meet all prerequisites for required courses. Must have a cumulative GPR of 2.0 or higher.

Reviewed and approved by:

Department Head/Program Director  Date  AOC Dean of College  Date
MEMORANDUM

August 20, 2015

TO: Dr. Kim Dooley, Associate Dean, College of Agriculture & Life Sciences

THROUGH: Dr. C. Parr Rosson, Professor and Head

FROM: Dr. M. Edward Rister, Professor and Associate Head

SUBJECT: Request to Create a Minor in Agribusiness Entrepreneurship and Overview Information for the 2016-2017 Catalog

Attached is the Proposed Minor Field of Study Form requesting a minor in Agribusiness Entrepreneurship. The majority of the course requirements for the minor are courses offered by the Department of Agricultural Economics, pursuant to the approval of the following new courses: AGEC 223 “Establishing Agribusiness Entrepreneurship Networks I;” AGEC 324 “Agribusiness Entrepreneurship Budgeting;” and AGEC 423 “Establishing Agribusiness Entrepreneurship Networks II.” I will teach all of the AGEC courses, except AGEC 315, “Food and Agricultural Sales,” which is taught by Dr. Kerry Litzenberg, and AGEC 434, “Rural Financial Markets and Financial Planning,” which is taught by Dr. John Penson. I have spoken with both Kerry and John regarding requiring AGEC 315 and AGEC 434 on this proposed minor and they have given me their verbal consents.

Additional course alternatives incorporated into the minor beyond AGEC courses include three MGMT courses, any of which can be taken instead of AGEC 324. Don Lewis, Mays Business School, is the instructor for each of these three courses and he has provided his verbal consent for these courses being specified as alternatives in the minor’s program requirements. In addition, Dr. Merri Louder, Associate Dean of Mays Business School has provided a letter of support for the proposal (attached).

The following provides an overview of the minor which I am requesting be included in the Minor Overview section of the University’s 2016-2017 Undergraduate Catalog.

AGLS Building
600 John Kimbrough, Suite 211B
2124 TAMU
College Station, TX 77843-2124
Tel. 979.845.3801
Fax. 979.862.1563
http://agecon.tamu.edu

RECEIVED
AUG 2 1 2015
CURRICULAR SERVICES
OVERVIEW:
The Minor in Agribusiness Entrepreneurship will be a benefit to undergraduate students that possess one or more of the following characteristics: (1) a visionary’s mind to create the “next best product,” (2) have the desire to be their own boss, and/or (3) want to have a working knowledge of business development practices and strategies to achieve success working for an entrepreneur in either a rural or metropolitan setting. Innovation and entrepreneurship are not limited to one field/degree area; therefore, this minor is open to all majors.

The Minor in Agribusiness Entrepreneurship consists of 16 hours of specific courses. Students must have a declared major, meet all prerequisites for each course listed prior to enrolling in the course, have a cumulative GPR of 2.0 or higher, and must earn a grade of “C” or better in each required course to earn the minor degree designation.

PROGRAM REQUIREMENTS:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGEC 223</td>
<td>Establishing Agribusiness Entrepreneurship Networks I OR</td>
<td>1</td>
</tr>
<tr>
<td>AGEC 423</td>
<td>Establishing Agribusiness Entrepreneurship Networks II</td>
<td></td>
</tr>
<tr>
<td>AGEC 315</td>
<td>Food and Agricultural Sales</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 324</td>
<td>Agribusiness Entrepreneurship - Budgeting OR</td>
<td></td>
</tr>
<tr>
<td>MGMT 461</td>
<td>Entrepreneurship and New Ventures OR</td>
<td></td>
</tr>
<tr>
<td>MGMT 470</td>
<td>Entrepreneurial Small Business OR</td>
<td></td>
</tr>
<tr>
<td>MGMT 477</td>
<td>Entrepreneurial Consulting and Development OR</td>
<td></td>
</tr>
<tr>
<td>MGMT 489</td>
<td>Innovative Product Design: The Lean Startup Method</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 424</td>
<td>Agribusiness Entrepreneurship – Economic Analysis</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 425</td>
<td>Agribusiness Entrepreneurship – Financial Analysis</td>
<td>3</td>
</tr>
<tr>
<td>AGEC 434</td>
<td>Rural Financial Markets and Financial Planning</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Semester Credit Hours 16

Students must have declared a major.
Students must have met all prerequisites for each course listed above prior to enrolling in any course listed above.
Students must have a cumulative GPR of 2.0 or higher.
Students must earn a grade of “C” or better in each course.

Attachments

cc: Dr. Marti Loudder, Professor and Associate Dean, Mays Business School
Dr. Fred Boadu, Professor and Assistant Head for Undergraduate Programs
MEMORANDUM

August 3, 2015

TO: Dr. M. Edward Rister, Professor and Associate Head, Dept. of Agricultural Economics

FROM: Dr. Martha Louder, Associate Dean, Mays Business School

SUBJ: Proposed Minor in Agribusiness Entrepreneurship

Mays Business School approves of your proposed minor, and we look forward to working with you by providing some of the elective coursework in the curriculum.