The Undergraduate Curriculum Committee recommends approval of the following:

1. New Courses

**AFST 398. Africana Cinema. (3-0). Credit 3.** 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. May be taken two times for credit. Prerequisite: Junior or senior classification, or approval of instructor. Cross-listed with FILM 398.

**AGEC 223. Establishing Agribusiness Entrepreneurship Networks I. (1-0). Credit 1.** 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. Prerequisite: Open to all majors.

**AGEC 423. Establishing Agribusiness Entrepreneurship Networks II. (1-0). Credit 1.** 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. Prerequisites: 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.

**ANSC 215. Introduction to Livestock Evaluation. (1-3). Credit 2.** Live market animal appraisal in relation to carcass and composition; criteria for selection of breeding livestock; techniques for preparation and delivery of oral reason.

**BAEN 431. Fundamentals in Bioseparations. (3-0). Credit 3.** Design principles and application of chemical engineering unit operations to the production of therapeutic and bioactive molecules. Prerequisite: BAEN 302 or BMEN 282 or CHEN 282 or CHEN 382. Cross-listed with CHEN 431.

**BIOL 462. Amazon River Tropical Biology. (3-0). Credit 3.** 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. Prerequisites: BIOL 107, BIOL 112, BIOL 113, BIOL 357 or RENR 205; or approval of instructor. Cross-listed with WFSC 462.

**CHEN 431. Fundamentals in Bioseparations. (3-0). Credit 3.** Design principles and application of chemical engineering unit operations to the production of therapeutic and bioactive molecules. Prerequisite: BAEN 302 or BMEN 282 or CHEN 282 or CHEN 382. Cross-listed with BAEN 431.

**FILM 349. Documentary Cinema. (3-0). Credit 3.** History and theory of documentary cinema; examination of documentary film’s ability to both reflect and shape the history of its time. May be taken two times for credit. Prerequisite: Junior or senior classification, or approval of instructor.

**FILM 398. Africana Cinema. (3-0). Credit 3.** 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. May be taken two times for credit. Prerequisite: Junior or senior classification or approval of instructor. Cross-listed with AFST 398.
HORT 416. Understanding Wine: From Vines to Wines and Beyond. (3-0). Credit 3. 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. Prerequisites: Must be 21 years of age; junior senior classification.

PHLT 432. Human Factors and Ergonomic Health and Safety. (3-0). Credit 3. Principles of ergonomics including principles of anatomy, physiology, instrument design, and work environments; emphasis on ergonomic design, implementing ergonomic programs. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 433. Industrial Inspections and Audit Techniques. (3-0). Credit 3. Principles of conducting industrial audits for fire, safety and security; emphasis on the role of the health and safety professional, assessing safety programs and meeting regulatory requirements. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

PHLT 434. Project Cost Benefit and Economics. (3-0). Credit 3. Estimation and management of project costs; emphasis on improving accuracy of cost projection, making better modifications to cost on work in-progress. Prerequisites: Public health major; junior or senior classification; or approval of instructor.

WFSC 462. Amazon River Tropical Biology. (3-0). Credit 3. 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. Prerequisites: BIOL 107, BIOL 112, BIOL 113, BIOL 357 or RENR 205; or approval of instructor. Cross-listed with BIOL 462.

2. Change in Courses

AGSC 425. Learner Centered Instruction in Agricultural Science.

Prerequisites
   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.

AGSC 436. Professional Teaching Internship in AGSC.

Prerequisites
   From: Senior classification; completion of the prerequisite sequence of professional courses in agricultural education; full admission into student teaching.
   To: Grade of C or better in AGSC 402 and AGSC 405.

AGSC 481. Seminar.

Prerequisites
   From: Approval of department head.
   To: Grade of C or better in AGSC 402 and AGSC 405.
AGSC 484. Field Experience.

Prerequisites
From: Senior classification; 2.0 GPR; approval of department head.
To: Grade of C or better in AGSC 402 and AGSC 405.

HORT 306. Woody Ornamental Plants.

Course title
From: Woody Ornamental Plants.
To: Trees and Shrubs for Sustainable Built Environments.

Prerequisites
From: BIOL 101 or HORT 201 or approval of instructor.
To: BIOL 111 or BIOL 113 or HORT 201 or approval of instructor.

HORT 308. Landscape Plant Materials.

Course title
From: Landscape Plant Materials.
To: Plants for Sustainable Landscapes.

Prerequisites
From: HORT 201 or HORT 306 or BIOL 101 or approval of instructor.
To: BIOL 111 or BIOL 113 or HORT 201 or HORT 306 or approval of instructor.

OCNG 252. Oceanography Laboratory.

Course description
From: 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.
To: 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.

NRSC 311. Comparative Psychology.

Course title
From: Comparative Psychology.
To: Psychology of Animal Behavior.

PSYC 311. Comparative Psychology.

Course title
From: Comparative Psychology.
To: Psychology of Animal Behavior.
3. Change in Curriculum

**College of Agriculture and Life Sciences**
Department of Agricultural Leadership, Education and Communication
BS in Agricultural Sciences – Teaching Option
4. Change in Curriculum

**Mays Business School**
All undergraduate degree programs
5. Change in Curriculum

**College of Liberal Arts**

Department of International Studies
BA in International Studies
International Communication and Media Track
6. Change in Curriculum

**College of Liberal Arts**
Department of International Studies
BA in International Studies
Environmental Studies Track
7. Change in Curriculum

**College of Liberal Arts**
- Department of International Studies
- BA in International Studies
- International Geographic Information System Track
8. Change in Curriculum

**College of Liberal Arts**
Department of International Studies
Minor in Arabic Studies
9. Special Consideration

**College of Agriculture and Life Sciences**
Department of Agricultural Economics
Minor in Agribusiness Entrepreneurship
Request for a new minor
10. New Courses –*from September 2015 UCC Meeting*

**ESSM 461. Spatial Databases for Data Storage, Manipulation and Analysis. (1-4). Credit 3.**
Relational databases and advanced geodatabase capabilities; types of geodatabases; Structured Query Language including join-types and subqueries; ArcGIS Desktop Advanced. Prerequisites: ESSM 459; junior or senior classification or approval of instructor.
11. Change in Curriculum – from September 2015 UCC Meeting

**College of Agriculture and Life Sciences**
Department of Ecosystem Science and Management
BS in Spatial Sciences
12. Change in Curriculum – from September 2015 UCC Meeting

**College of Agriculture and Life Sciences**
Department of Ecosystem Science and Management
Minor in Spatial Sciences
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
   AFST 398 Africana Cinema

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

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):  
   or approval of instructor
   Cross-listed with: FILM 398

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 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://xpr.tamu.edu/resources/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  Aced. Year  HLS Code
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Approval recommended by:

Violet Johnson  7/22/15
Department Head or Program Chair (Type Name & Sign)  Date

Juan Alonzo  7/22/15
Department Head or Program Chair (Type Name & Sign)  Date
(if cross-listed course)

Chair, College Review Committee  Date

Chair, GC or UCC  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 MWF
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
- Differentiate a major, global filmmaking tradition outside of Hollywood from mainstream Hollywood filmmaking;
- 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

Prabhu
ISBN 9781405193030

- 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**

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<th>Percentage</th>
<th>Grade</th>
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<tr>
<td>100-90%</td>
<td>A</td>
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<td>89-80%</td>
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<td>79-70%</td>
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<td>69-60%</td>
<td>D</td>
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<tr>
<td>59-0%</td>
<td>F</td>
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</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 Mambéty’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:
- 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
- “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
• “The Capital Gap: Nollywood and the Limits of Informal Trade,” by John McCall
• “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 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 Agricultural Economics
3. Course prefix, number and complete title of course: AGEC 223 Establishing Agribusiness Entrepreneurship Networks I
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.

6. Is this a variable credit course? ☑ No  ☐ Yes
If yes, from ________ to ________
7. Is this a repeatable course? ☑ No  ☐ Yes
If yes, this course may be taken ________ times.
Will this course be repeated within the same semester? ☑ No  ☐ Yes
8. Will this course be submitted to the Core Curriculum Council? ☑ No  ☐ 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)
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)
AGEC  223  Establishing Agribusiness Entrepreneurship Networks I

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<th>Other</th>
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Approval recommended by:

C. Parr Rossen
Department Head or Program Chair (Type Name & Sign) Date 7/2/15
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 845-8201 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>
</tr>
</thead>
<tbody>
<tr>
<td>90 and 90+</td>
<td>A</td>
</tr>
<tr>
<td>80 – 89.999999</td>
<td>B</td>
</tr>
<tr>
<td>70 - 79.999999</td>
<td>C</td>
</tr>
<tr>
<td>60 - 69.999999</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 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>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>25%</td>
<td>25%</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>45%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Homework and Quizzes</th>
<th>Non-Honors</th>
<th>Honors</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker Summaries</td>
<td>30%</td>
<td>20%</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>5%</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>Speaker Thank-You Notes</td>
<td>5%</td>
<td></td>
<td>5%</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>45%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>10%</td>
<td>10%</td>
<td>10%</td>
</tr>
</tbody>
</table>

**TOTAL**

<table>
<thead>
<tr>
<th></th>
<th>Non-Honors</th>
<th>Honors</th>
<th>All</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 423 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 3.333333 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 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/](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. Different 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
### AGEC 223 Calendar of Activities [based on University Academic Calendar for Fall 2015]

<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>Archer Daniels Midland Milling Company</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>13</td>
<td>Reading Day – No Classes</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</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>15</td>
<td>FINAL EXAM</td>
<td>n/a</td>
<td>n/a</td>
<td>n/a</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

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
   AGEC 423 Establishing Agribusiness Entrepreneurship Networks II

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

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 229 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 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)
   An elective for BS in AGEC, an elective for BS AGBU, an elective for other majors as approved by their advisor(s)

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://vpr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

Prefix  Course  Title (excluding punctuation)

<table>
<thead>
<tr>
<th>AGEC</th>
<th>423</th>
<th>Est AGBU Entre Netwks II</th>
</tr>
</thead>
</table>

Approved recommended by:

C. Parr Rosson
Department Head or Program Chair (Type Name & Sign)  Date

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

Submitted to Coordinating Board by:

Associate Director, Curricular Services

Effective Date

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.williams@tamu.edu
Curricular Services – 07/14
AGEC 423 – ESTABLISHING AGRIBUSINESS
ENTREPRENEURSHIP NETWORKS II

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 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 – 89.999999</td>
<td>B</td>
</tr>
<tr>
<td>70 - 79.999999</td>
<td>C</td>
</tr>
<tr>
<td>60 - 69.999999</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</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>5%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elements of a Management Dashboard</td>
<td>5%</td>
<td></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>TOTAL</td>
<td>20%</td>
<td>20%</td>
<td>20%</td>
</tr>
</tbody>
</table>

TOTAL 100%

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 and 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 belief 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.
Different choices among these two options may be made by the student for each excused absence. 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](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>
</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</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</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>
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<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></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)

**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.*”
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):

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

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? ☐ 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)

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)

<table>
<thead>
<tr>
<th>ANSC</th>
<th>215</th>
<th>Intro to Livestock Eval</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lect.</td>
<td>Lab</td>
<td>Other</td>
</tr>
<tr>
<td>1.00</td>
<td>3.00</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Approval recommended by:

H. Russell Cross
Department Head or Program Chair (Type Name & Sign) Date

Robert Knight
Chair, College Review Committee Date

Mark Hussey
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 sandra.williams@tamu.edu
Curricular Services – 07/14
ANSC 215-500
Introduction to Livestock Evaluation
Spring 20XX
M 1:00-1:50 Lecture; M 1:50-2:50 and W 1:00-2:50 Laboratory

Instructors: Brant Poe
Office: 114 Kleberg Center
Secretary: Becky Lewis
Phone: 845-7616

LEARNING OUTCOMES AND ATTENDANCE POLICY

Course Description: To introduce basic livestock evaluation skills and enhance the student’s ability to master selection criteria for both market and breeding animals. 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.

Learning Outcomes: Students will be able to rank market steers, lambs, hogs, and goats based upon the relationships of live animal appraisal with carcass quality and composition. Students will also be able to state criteria for selection of livestock that will be productive in a breeding environment. In addition to knowing general knowledge of each livestock species, students will be able to use techniques for preparation and delivery of oral reasons in defense of their placings.

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, 2-4 classes of livestock per day. Please see www.student-rules.tamu.edu for more information on attendance policy.

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. 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.

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.


ANIMAL SCIENCE 215 GRADING POLICY

Daily Class Grades: placing and reasons scores for 2-4 classes per day 60%
Average of Exams 1 and 2 40%
FINAL GRADE 100%

Grading Scale

90-99 A
80-89.9 B
70-79.9 C
60-69.9 D
≤ 59.9 F
**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**  
Final Exam
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, Ph.D. DVM)
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
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 programs(s) (e.g., B.A. in History)

BS BAEN, BS CHEN

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

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

<table>
<thead>
<tr>
<th>Course #</th>
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<tbody>
<tr>
<td>BAEN 431</td>
<td>Fundamentals in Bioseparations</td>
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<th>Admin. Unit</th>
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Approval recommended by:

Stephen W. Searcy
Department Head or Program Chair (Type Name, Rank) Date: 7/3/15

Bob Knight
Chair, College Review Committee Date: 8/3/15

Kim Duckley
Dean of College Date: 9/3/15

Submitted to Coordinating Board by:
Associate Director, Curricular Services

Chair, GC or UCC Date

Questions regarding this form should be directed to Sandra Williams at 845-8279, 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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<tr>
<td>1</td>
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<td>Introduction to Bioseparations and Bioproducts</td>
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<td>2</td>
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<td>Biology Fundamentals</td>
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<td>Bioreactors Fundamentals</td>
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<td>Analytical methods</td>
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<td>Cell Lysis</td>
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<td>4</td>
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<td>Pretreatment methods - Flocculation</td>
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<td>S-L Separations – Centrifugation</td>
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<td>Liquid chromatography principles</td>
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<td>Column dynamics</td>
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<td>Purification scale-up</td>
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<td>Process Development &amp; Design</td>
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<td>Intro to Super Pro Designer</td>
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<td>11</td>
<td></td>
<td>Project –process synthesis and design</td>
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<td>Oral reports</td>
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<td>Oral reports and course evaluation</td>
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<td>Exam #2</td>
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**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>
</tr>
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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
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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.D., M.D. Pharmacy, D.D.S.)
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
4. Catalog course description (not to exceed 50 words):
History, ecology, evolution, 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. Prerequisites:
   - BIOL107, 112, 113, 357 or RENR205: or approval of instructor

Cross-listed with:
- WFSC482

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
10. How will this course be graded? ☑ Grade □ SU □ P/F (1,3,5)

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 BIOL, BS BIOL, BMCB, MBIO, ZOOL

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/exports/controls/Export-Control-Basics-for-Distance-Education/)

13. Pref. Course # Title (Excluding pronunciation):

<table>
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<tr>
<th>BIOL</th>
<th>462</th>
<th>Amazon River Tropical Biology</th>
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<tbody>
<tr>
<td>Lect</td>
<td>Lab</td>
<td>Other</td>
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<tr>
<td>3.00</td>
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</tbody>
</table>

Approval recommended by:

Submit to Coordinating Board by:

Questions regarding this form should be directed to Sandra Williams at 843-8200 or msnahmowilliams@tamu.edu.
Curricular Services - 07/14
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
e-mail: k-winemiller@tamu.edu
979-862-4020
110D Heep Labs

COURSE DESCRIPTION/SUMMARY: Amazon River Tropical Biology 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 two-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.
Crypsis – 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:

During the field trip, participation is expected for all group field excursions, including explorations of terrestrial and aquatic habitats in boats or walking beaches and forest trails, and for organized group discussions, including lectures given by the course instructors. Illness or injury that may prevent participation in a given group activity must be reported to the instructors, who then may excuse participation in the activity without penalty with regard to grading criteria.

In addition to participation in the field expedition, regular attendance and punctuality is expected during scheduled class sessions during the spring semester. The Biology and Wildlife & Fisheries Departments do not accept the TAMU Explanatory Statement of Absence Form as adequate verification for an absence. To avoid penalty according to grading criteria, students 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, a 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.

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 will participate in discussions about tropical ecology/biology led by the instructors.
**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, recordings of environmental parameters, species names (with reference to photographs), and other significant discoveries. These transcripts should also include ecological principles that relate to habitats that had been explored. Special attention should be devoted to topics selected by students for investigation in greater depth following completion of the field trip. Students will present summaries of their topics during spring semester class sessions. Field journals will be given to the instructors during the first class session of the spring semester.

**RESEARCH TOPIC PRESENTATIONS:** At the first scheduled class meeting, each student will be assigned a date for their topic presentation. Presentations will be 20 minutes in length and should include between 15 and 30 slides (a Powerpoint or another suitable file type). Students may submit their presentation materials as electronic files for review and comment by the instructors two weeks prior to their assigned presentation date. Comments, including suggestions for improvements, will be returned to students at least one week prior to the date of their presentation dates.

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**COURSE GRADE:**

Final course grade will be determined by five criteria:

1. **Participation during field expedition** (participation in field excursions, search and identification of flora and fauna, use instruments to measure environmental parameters, recording of environmental and species data, and group discussions during field trip) (evaluation scale for participation is excellent– complete & highest quality; very good– nearly complete and highest quality; average– nearly complete and good quality; poor– incomplete and average quality or complete and poor quality; fail– no participation) = 30% of total grade

2. **Field observations journal** (evaluation based on the quality and completeness of notes regarding visited habitats, records of environmental parameters, species, conservation issues, and local culture based on the following scale: excellent– high quality and complete, very good– good quality and complete, average– average quality and complete or good quality but incomplete, poor– average or poor quality and incomplete, fail– failure to complete a field journal) = 20% of final grade

3. **Topic presentation material/file** (grading rubric provided) = 15% of final grade

4. **Oral presentation of topic** (grading rubric provided) = 15% of final grade

5. **Attendance and participation at weekly student presentations** (attendance at each class session, contribution to discussions of presentation topics) (evaluation scale for participation is based on the frequency and quality of questions, observations and/or novel insights offered following presentations by classmates; excellent– frequent and high quality, very good– frequent and average quality, average– occasional and average quality, poor– very infrequent and low quality, fail– no contribution to discussions) = 20% of final grade

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

A(excellent)= 90-100%, B(very good)=80-89%, C(average)= 70-79%, D(poor)=60-69%, F(fail)= ≤ 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.

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.

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.

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. This pre-departure meeting will review course objectives and content, international trip preparation and logistics, and basic precautions for health, safety and security. Upon returning to campus, students will attend scheduled 2-hour class sessions (Wednesdays 5:20-7:20 pm) at which time students will give 20-minute oral presentations on research topics related to the field trip experience. Students are expected to attend each session and actively participate during the question and answer period that follows each presentation.

BIOL 462 and WFSC 462 Amazon River Tropical Biology, Brazil, Spring 2016

Schedule of Field Trip Events

Day 1, January 8:
Depart Houston International Airport at 9:38 am for Manaus, Brazil, connecting through Miami, arrive Manaus airport 11:29 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 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 (D.D.S., M.D., J.D., Pharm.D., D.V.M.)

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 BMEN 282

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 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)

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-control-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>CHEN</th>
<th>431</th>
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Approval recommended by: M. N. Kaup

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

Chair, College Review Committee

Stephen W. Searcy

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

Dean of College

Submitted to Coordinating Board by:

Associate Director, Curricular Services

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

Curricular Services - 07/14
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
**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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<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>
</tr>
<tr>
<td>Work effectively in teams.</td>
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**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 (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 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.

junior or senior classification

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? ☐ Yes ✓ No
7. Is this a repeatable course? ✓ Yes ☐ No

If yes, this course may be taken 2 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 |CD: No
10. How will this course be graded? ✓ Grade ☐ S/U ☐ P/F (CL.MD)

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)

Film Studies Minor

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

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

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

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</table>

Approval recommended by: [Signature]

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 Accomodations:* 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/](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:

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<th>Scale</th>
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<tr>
<td>Participation</td>
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<td>Discussion Leader</td>
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<td>In-Class Response</td>
<td>C</td>
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<tr>
<td>Mid-Term Paper</td>
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<td>Final Paper Proposal</td>
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<tr>
<td>Final Paper</td>
<td>Below 60</td>
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</table>

Points

Scale

90 – 100
80-89
70-79
60-69
Below 60

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’]

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’]

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”]

**EXTRA CREDIT:** *Who Killed Vincent Chin? Annotated Bibliography, Due October 29.*

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’]

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’]

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.

Form Instructions
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 (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): ☑ Pre or approval of instructor
Cross-listed with: AFST 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 (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 (including punctuation)

<table>
<thead>
<tr>
<th>FILM</th>
<th>398</th>
<th>Africana Film</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>0.00</td>
</tr>
</tbody>
</table>

Approval recommended by:
Juan Alanzo [Signature] 7-20-15
Department Head or Program Chair (Type Name & Sign) Date

Violet Johnson [Signature] 7-22-15
Department Head or Program Chair (Type Name & Sign) (if cross-listed course) 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 845-8261 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 MWF
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
- Differentiate a major, global filmmaking tradition outside of Hollywood from mainstream Hollywood filmmaking;
- 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

Prabhu
ISBN 9781405193030

- 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>
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<tbody>
<tr>
<td>100-90%</td>
<td>A</td>
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<tr>
<td>89-80%</td>
<td>B</td>
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<tr>
<td>79-70%</td>
<td>C</td>
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<tr>
<td>69-60%</td>
<td>D</td>
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<tr>
<td>59-0%</td>
<td>F</td>
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</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.

**Laptop 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”
- On eCampus: From *African Experiences of Cinema* “Film and History in Africa,” by Mbye Cham.

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 (DMD, MD, PharmD, DVM)
2. Request submitted by (Department or Program Name): Department of Horticultural Sciences
3. Course prefix, number and complete title of course: HORT 416 Understanding Wine: From Vines to Wines and Beyond
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 ________
   If this course may be taken ________ times.
7. Is this a repeatable course?  [ ] Yes  [ ] No
   Will this course be repeated within the same semester?  [ ] Yes  [ ] No
   If yes, this course may be taken ________ times.
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.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://vet.tamu.edu/resources/export-control/export-control-basics-for-distance-education).

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

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

   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
   Effective 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.

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<tr>
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<th>Points earned (out of 575)</th>
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<tr>
<td>A</td>
<td>517 - 575</td>
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<td>B</td>
<td>460 - 516</td>
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<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>
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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
**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>
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<tr>
<td></td>
<td><strong>Quiz 2</strong></td>
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<tr>
<td>Sept. 21</td>
<td>Exam I</td>
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<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>
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<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>
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<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>
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<tr>
<td></td>
<td><strong>Quiz 5</strong></td>
<td></td>
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<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>
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<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>
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<tr>
<td>Nov. 14</td>
<td>Defining quality</td>
<td></td>
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<tr>
<td>Date</td>
<td>Topic</td>
<td>Notes</td>
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<td>--------</td>
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<tr>
<td>Nov. 16</td>
<td>Wine Marketing</td>
<td>Notes provided by instructor</td>
</tr>
<tr>
<td></td>
<td>Quiz 7</td>
<td></td>
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<tr>
<td>Nov. 21</td>
<td>Winery tasting room management</td>
<td></td>
</tr>
<tr>
<td>Nov. 28</td>
<td>Winery event planning and management</td>
<td></td>
</tr>
<tr>
<td>Nov. 30</td>
<td>Work on winery marketing plan assignment in class</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Quiz 8</td>
<td></td>
</tr>
<tr>
<td>Dec. 5</td>
<td>No class, redefined day – attend Friday classes</td>
<td></td>
</tr>
<tr>
<td>Dec. 7</td>
<td>Marketing Plan Presentations</td>
<td></td>
</tr>
<tr>
<td>Dec. 12</td>
<td>Final exam 3:30-5:30PM</td>
<td></td>
</tr>
</tbody>
</table>

**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://aggiehonour.tamu.edu/RulesAndProcedures/HonorSystemRules.aspx](http://aggiehonour.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/U [ ] P/F (or L.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-basics-for-distance-education).

13. Prefix Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>PHLT</th>
<th>432</th>
<th>HUMN FACTR &amp; ERGO HLTH &amp; SAFTY</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

Department Head or Program Chair (Type Name & Sign) Date
(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 – 07/14

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

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

Grading Scale

<table>
<thead>
<tr>
<th>Points</th>
<th>Grade</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>Assignment</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>20%</td>
</tr>
<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>Paper 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 the 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.
(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; 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. 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/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) 438-9208, 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 (DMD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): Public Health Studies
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 will be on the role of the health and safety professional, assessing safety programs, and meeting regulatory requirements. It combines 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? ☐ 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://spr.tamu.edu/resources/export-controls/export-control-basics-for-distance-education).

13. Prefix: Course # Title (excluding punctuation)

<table>
<thead>
<tr>
<th>PHLT</th>
<th>433</th>
<th>INDUSTR INSPECT &amp; AUDIT TECH</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

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 CURRICULUM SERVICES
PHLT 433: Industrial Inspections and Audit Techniques

Fall 2017

TBD

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

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>
</thead>
<tbody>
<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>
<td>Describe the issues involved in conducting interviews, including language and confidentiality issues</td>
</tr>
</tbody>
</table>

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.

Employ basic intervention processes and approaches to address public health concerns of populations.

Apply fundamental concepts and features of project implementation, including planning, assessment and evaluation.
- **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

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**Textbook and/or Resource Material**


**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><strong>Mid-Term Examination Week</strong></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 Chapter 16 &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>
<td></td>
</tr>
</tbody>
</table>

**Grading Policies**

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

- **Grading Scale**
  - 90-100 Points A
  - 80-89 Points B
  - 70-79 Points C
  - 60-69 Points D
  - 0-59 Points F

  **Quizzes (4) 20%**
<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework (3)</td>
<td>20%</td>
</tr>
<tr>
<td>Mid-term Exam</td>
<td>30%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>30%</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. **Homework:** Three homework assignments will be assigned during this course. Each assignment is due at the beginning of class (before presentations or discussions) on the assigned due date. These assignments will be short answer case study analyses.

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. **Examination 2:** This exam will be multiple choice and fill in the blank questions over topics covered throughout the semester, with emphasis on the second half of the semester. Questions will be similar to quiz and homework questions.

**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.

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

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

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

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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.

Form Instructions:

1. Course request type:  
   - [X] Undergraduate  
   - [ ] Graduate  
   - [ ] First Professional (DDS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name): 
   Public Health Studies
   PHLT 434: Project Cost Benefit and Economics

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

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  
   - [X] No  
   If yes, from _____ to _____

7. Is this a repeatable course?  
   - [ ] Yes  
   - [X] 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?  
   - [X] Yes  
   - [ ] No

9. How will this course be graded?  
   - [X] 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)
      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. [X] I verify that I have reviewed the FAQ for Export Control Basics for Distance Education (http://ipr.tamu.edu/resources/export-controls/export-controls-basics-for-distance-education).

13. Prefix  | Course # | Title (excluding punctuation)
          | PHLT     | PRJCT COST BENEFIT & ECON
          | 434      |          

          | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | HCE Code |
          | 3.00  | 0.00| 3.00  | 5122010014 | 2414       | 16 - 17    | 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)

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

Effective Date  
SEP 18 2015

CURRICULAR SERVICES
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:

<table>
<thead>
<tr>
<th>Learning Outcome</th>
<th>Learning Objective</th>
</tr>
</thead>
<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>• Explain multiple estimating models.</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>• Discuss cost management for a project.</td>
</tr>
<tr>
<td>• Employ basic intervention processes and approaches to address public health concerns of populations.</td>
<td>• Develop a deliverable-oriented work and a resource breakdown schedule.</td>
</tr>
<tr>
<td>• Apply fundamental concepts and features of project implementation, including planning, assessment and evaluation.</td>
<td>• Develop a progress monitoring plan.</td>
</tr>
<tr>
<td>• 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.</td>
<td>• Discuss issues involved in external projects, such as, contracts, bidding, costs, and audits.</td>
</tr>
</tbody>
</table>
## 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 project work</td>
<td>Rad Chapter 1</td>
</tr>
<tr>
<td>2</td>
<td>Building a deliverable oriented work breakdown schedule</td>
<td>Rad Chapter 2</td>
</tr>
<tr>
<td>3</td>
<td>WBS cases and development</td>
<td>Rad Chapter 2</td>
</tr>
<tr>
<td>4</td>
<td>Resource breakdown structure</td>
<td>Quiz 1</td>
</tr>
<tr>
<td>5</td>
<td>RBS detailed example and development</td>
<td>Rad Chapter 3</td>
</tr>
<tr>
<td>6</td>
<td>Parametric estimating models</td>
<td>Rad Chapter 4</td>
</tr>
<tr>
<td>7</td>
<td>Mid-Term Examination Week</td>
<td>Mid-term exam due</td>
</tr>
<tr>
<td>8</td>
<td>Analogous estimating models</td>
<td>Rad Chapter 4</td>
</tr>
<tr>
<td>9</td>
<td>Progress monitoring</td>
<td>Quiz 2</td>
</tr>
<tr>
<td>10</td>
<td>Cost management</td>
<td>Rad Chapter 6</td>
</tr>
<tr>
<td>11</td>
<td>Contracts and specifications for external projects</td>
<td>Rad Chapter 7</td>
</tr>
<tr>
<td>12</td>
<td>Bidding and project costs for external projects</td>
<td>Rad Chapter 7</td>
</tr>
<tr>
<td>13</td>
<td>External projects and audit process</td>
<td>Rad Chapter 7</td>
</tr>
<tr>
<td>14</td>
<td>Case study</td>
<td>Quiz 3</td>
</tr>
<tr>
<td>15</td>
<td>Final Examination (not required, Student Rule 8.1)</td>
<td>Blackboard slides, and materials</td>
</tr>
</tbody>
</table>

### 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>Percentage</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>Assignment</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework (4)</td>
<td>20%</td>
</tr>
<tr>
<td>Quizzes (3)</td>
<td>15%</td>
</tr>
<tr>
<td>Mid-term Exam</td>
<td>30%</td>
</tr>
<tr>
<td>Exam 2</td>
<td>35%</td>
</tr>
</tbody>
</table>

### Assignment Instructions:

I. **Quizzes**: Three 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. **Homeworks**: Four homework assignments will be assigned during this course. Each assignment is due at the beginning of class (before presentations or discussions) on the assigned due date.

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. **Final examination**: This exam will be multiple choice and fill in the blank questions over topics covered throughout the semester, with emphasis on the second half of the semester. Questions will be similar to quiz and homework questions.

### 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](http://student-rules.tamu.edu). 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](http://student-rules.tamu.edu)).

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 [Howdy](http://ecampus.tamu.edu) 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](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
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Computer Requirements for Online Courses
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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.

Form Instructions:
1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional 200 or 300 level course
2. Request submitted by: (Department or Program Name)
   Select or Type Department/Program Name
   WFSC 462: Amazon River Tropical Biology
3. Course prefix number and complete title of course:

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.
   Co-requisite(s):
   BIOL 462
   Cross-listed with:

6. Is this a variable credit course? ☑ No ☐ Yes
7. Is this a repeatable course? ☑ No ☐ Yes

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

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

10. How will this course be graded? ☑ Grade ☐ S/U ☑ Pass/No Pass

11. 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)
   c. WFSC - All options and concentrations

12. Other departments are teaching or are responsible for related subject matter, the 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://www.tamu.edu/eresources/exportcontrols/export-control-basics-for-distance-education).

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

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<th>Lab</th>
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Approval recommended by:

Department Head or Program Chair (Type Name & Sign)

Date

Department Head or Program Chair (Type Name & Sign)

Date (of cross-listed course)

Submitted to Coordinating Board by:

Chair, GC or UCC

Date

Questions regarding this form should be directed to Sandra Williams at 845-210 or sandra.williams@tamu.edu
Curricular Services 07/34

RECEIVED
CURRICULAR SERVICES SEP 11 2015
Amazon River Tropical Biology
BIOL 462/WFSC 462

SPRING 2016 SYLLABUS

Professors:
Dr. Leslie Kelso Winemiller Dr. Kirk Winemiller
Senior Lecturer- Dept. of Biology Professor- Dept. of Wildlife & Fisheries Sciences
e-mail: lesliew@mail.bio.tamu.edu email: k-winemiller@tamu.edu
979-862-7484 979-862-4020
320 Heldenfels 110D Heep Labs

COURSE DESCRIPTION/SUMMARY: Amazon River Tropical Biology 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 two-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.
- Crypsis – 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:**

During the field trip, participation is expected for all group field excursions, including explorations of terrestrial and aquatic habitats in boats or walking beaches and forest trails, and for organized group discussions, including lectures given by the course instructors. Illness or injury that may prevent participation in a given group activity must be reported to the instructors, who then may excuse participation in the activity without penalty with regard to grading criteria.

In addition to participation in the field expedition, regular attendance and punctuality is expected during scheduled class sessions during the spring semester. The Biology and Wildlife & Fisheries Departments do not accept the TAMU Explanatory Statement of Absence Form as adequate verification for an absence. To avoid penalty according to grading criteria, students must provide verification for the reason of absence (see Student Rules 7, [http://student-rules.tamu.edu/](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, a 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.

**COURSE WEBSITES:** Syllabi and course materials can be located at [http://ecampus.tamu.edu](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 will participate in discussions about tropical ecology/biology led by the instructors.
**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, recordings of environmental parameters, species names (with reference to photographs), and other significant discoveries. These transcripts should also include ecological principles that relate to habitats that had been explored. Special attention should be devoted to topics selected by students for investigation in greater depth following completion of the field trip. Students will present summaries of their topics during spring semester class sessions. Field journals will be given to the instructors during the first class session of the spring semester.

**RESEARCH TOPIC PRESENTATIONS:** At the first scheduled class meeting, each student will be assigned a date for their topic presentation. Presentations will be 20 minutes in length and should include between 15 and 30 slides (a Powerpoint or another suitable file type). Students may submit their presentation materials as electronic files for review and comment by the instructors two weeks prior to their assigned presentation date. Comments, including suggestions for improvements, will be returned to students at least one week prior to the date of their presentation dates.

**COURSE GRADE:**

Final course grade will be determined by five criteria:

1. **Participation during field expedition** (participation in field excursions, search and identification of flora and fauna, use instruments to measure environmental parameters, recording of environmental and species data, and group discussions during field trip) (evaluation scale for participation is **excellent**– complete & highest quality; **very good**– nearly complete and highest quality; **average**– nearly complete and good quality; **poor**– incomplete and average quality or complete and poor quality; **fail**– no participation)  = 30% of total grade

2. **Field observations journal** (evaluation based on the quality and completeness of notes regarding visited habitats, records of environmental parameters, species, conservation issues, and local culture based on the following scale: **excellent**– high quality and complete, **very good**– good quality and complete, **average**– average quality and complete or good quality but incomplete, **poor**– average or poor quality and incomplete, **fail**– failure to complete a field journal)  = 20% of final grade

3. **Topic presentation material/file** (grading rubric provided)  = 15% of final grade

4. **Oral presentation of topic** (grading rubric provided)  = 15% of final grade

5. **Attendance and participation at weekly student presentations** (attendance at each class session, contribution to discussions of presentation topics) (evaluation scale for participation is based on the frequency and quality of questions, observations and/or novel insights offered following presentations by classmates; **excellent**– frequent and high quality, **very good**– frequent and average quality, **average**– occasional and average quality, **poor**– very infrequent and low quality, **fail**– no contribution to discussions)  = 20% of final grade

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

A(excellent)= 90-100%, B(very good)=80-89%, C(average)= 70-79%, D(poor)=60-69%, F(fail)= ≤ 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.

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.

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.

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. This pre-departure meeting will review course objectives and content, international trip preparation and logistics, and basic precautions for health, safety and security. Upon returning to campus, students will attend scheduled 2-hour class sessions (Wednesdays 5:20-7:20 pm) at which time students will give 20-minute oral presentations on research topics related to the field trip experience. Students are expected to attend each session and actively participate during the question and answer period that follows each presentation.

BIOL 462 and WFSC 462 Amazon River Tropical Biology, Brazil, Spring 2016

Schedule of Field Trip Events

Day 1, January 8:
Depart Houston International Airport at 9:38 am for Manaus, Brazil, connecting through Miami, arrive Manaus airport 11:29 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 Cueriras 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 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.
CHANGE IN COURSES
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 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.
   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.

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: [X] 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 course inventory:

   a. As currently in course inventory:

      | Prefix | Course # | Title (excluding punctuation) |
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   Approval recommended by:

   Tracy Rutherford
   Chair, College Review Committee
   Date: 9/18/15

   Chair, GC or UCC
   Date: 9/10/15

   Effective Date: SEP 1, 2015

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra.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:**  
   - [x] 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 436, Professional Teaching Internship in AGSC

4. **Change requested**  
   - Attach a brief supporting statement for changes made to items 4a thru 4d and 10 below.
   
a. **Prerequisite(s):**  
   - From: student teaching  
   - To: Grade of C or better in AGSC 402 and AGSC 405

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

6. **Withdrawal (reason):**

7. **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.**

8. **Change in course number, contact hours (lab & lecture), and semester credit hours. Complete item 11a and b. Attach a course syllabus.**

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. **As currently in course inventory:**

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**Approval recommended by:**

Tracy Rutherford  
Department Head or Program Chair (Type Name & Sign)  
Date  
9/1/15

Chair, College Review Committee  
Date  
9/8/15

Dean of College  
Date  
9/8/15

Chair, GC or UCC  
Date

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
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): 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:

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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Approval recommended by:

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

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

10. Complete proposed course title and proposed catalog course description (not to exceed 50 words):

11. a. As currently in course inventory:
    Prefix Course # Title (excluding punctuation)
    AGSC 484 FIELD EXPERIENCE

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   b. Change to:
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    Lect. Lab Other SCH CIP and Fund Code Admin. Unit Acad. Year FICE Code Level
    
    Approval recommended by:
    Tracy Rutheford
    Department Head or Program Chair (Type Name & Sign) 9/1/15
    Date

    Department Head or Program Chair (Type Name & Sign) Date
    (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, LVN)
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, and 4c. Below:

4. Change requested:
   a. Prerequisite(s): From: _______ To: _______
   b. Withdrawal (reason): ___________________________
   c. Cross-list with: HORT 201 or BIOL 101 or approval of instructor.
   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:
   HORT 306. Woody Ornamental Plants.
9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   HORT 306. Trees and Shrubs for Sustainable Built Environments.

10. As currently in course inventory:

   Prefix  Course #  Title (excluding punctuation)
   HORT  306  Woody Ornamental Plants

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
   5.00  0.00  0.00  3.00  106130005  HRSC  0  0  3  6  3  2  3

   Change to:

   Prefix  Course #  Title (excluding punctuation)
   HORT  306  Trees For Built Environments

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  FICE Code
   2.00  2.00  0.00  3.00  106130005  HRSC  16  17  0  0  3  6  3  2

   Approval recommended by:
   □ R. Daniel Linscott
   □ Chair, College Review Committee
   □ Dean of College

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

   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
* 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):
   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 1a through 1d and 10 below

4. Change requested
   a. Prerequisite(s): From: ☑ HORT 201, or HORT 306, or BIOL 101 or approval of instructor
e   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 current course title and current catalog course description:
   HORT 308. LANDSCAPE PLANT MATERIALS.

9. Complete proposed course title and proposed catalog course description (not to exceed 50 words):
   HORT 308. PLANTS FOR SUSTAINABLE LANDSCAPES.

10. As currently in course inventory:
    Prefix  | Course #  | Title (excluding punctuation) |
   HORT    | 308       | LANDSCAPE PLANT MATERIALS     |


11. b. Change to:
    Prefix  | Course #  | Title (excluding punctuation) |
   HORT    | 308       | SUSTAINABLE LANDSCAPE PLANTS  |

   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

Questions regarding this form should be directed to Sandra Williams at 845-8201 or sandra-williams@tamu.edu.
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 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:
   ☐ 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:
   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.
9. 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.
10. As currently in course inventory:

    Prefix  Course #  Title (excluding punctuation)
    OCNG  252  Oceanography Laboratory

    Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  FICE Code  Level
    0.00  2.00  0.00  1.00  4006070002  0  0  3  6  3  2  2

b. Change to:

    Prefix  Course #  Title (excluding punctuation)

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

Approval recommended by:

Department Head or Program Chair (Type Name & Sign)  9/3/15  Date
Chair, College Review Committee  Date

Department Head or Program Chair (Type Name & Sign)  9/3/15  Date
Dean of College  Date

Submitted to Coordinating Board by:

Chair, GC or UCC  Date
Effective Date  Date

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

Form Instructions

1. Course request type: ☑ Undergraduate ☐ Graduate ☐ First Professional (DDS, 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

   Attach a brief supporting statement for changes made to items 4a thru 4d, and 10 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 10. Complete item 11a and b. Attach a course syllabus.

   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:
   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.

9. 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.

10. As currently in course inventory:
    Prefix Course # Title (excluding punctuation)
        NRSC 311 Comparative Psychology

        | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | FICE Code | Level |
        |-------|-----|-------|-----|------------------|-------------|-----------|-------|
        | 3.00  | 0.00| 0.00  | 3.00| 2615010002       | 2514        | 010298   | 3     |

    Change to:
    Prefix Course # Title (excluding punctuation)
    NRSC 311 Animal Behavior

    | Lect. | Lab | Other | SCH | CIP and Fund Code | Admin. Unit | Acad. Year | FICE Code | Level |
    |-------|-----|-------|-----|------------------|-------------|------------|-----------|-------|
    | 3.00  | 0.00| 0.00  | 3.00| 2615010002       | 2514        | 010298    | 8        | 3     |

11. Approval recommended by: Jane Walsh, NRSC

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

    Doug Woods, PSYC

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

    (If cross-listed course)

    Submitted to Coordinating Board by:

    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
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.
Sandra,  

Michael Masser, head of Wildlife and Fisheries, is willing to approve the course, but with the title change to “Psychology of Animal Behavior.” Psychology and I are both happy with this as it does reflect accurately what the course does.

Attached is the letter of support from Animal Science.

Steve

Associate Dean  
Undergraduate Programs Office  
George Sumey, Jr., Professor of Liberal Arts  
Professor of Classics  
Editor, Helios

Doug,  

We would be ok with the “Psychology of Animal Behavior” and would be willing to consider another name if you come up with one. Have a great weekend.

Michael

Michael,  

Thanks for your input on this. Perhaps there could be some compromise title that would be acceptable to both Departments. Perhaps something like “Psychology of Animal Behavior,” which would make it more clear that this is a Psychology course, or perhaps some other title you feel would protect your interests but allow us to accomplish our goals.
Although a good number of our faculty do research on animal behavior/neuroscience and it is appropriate that we teach a course in Comparative Psychology, our purpose in proposing the retitling was certainly not to “corner the market” on animal behavior courses. Instead, our proposed retitling was simply to put a more contemporary and understandable label (to our students) on a course that has existed nearly as long as the Department itself.

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
Head of Animal Science was very supportive. The next one, not so much. Next e-mail to come.

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

---

This message is sent at the request of Dr. Russell Cross, head of animal science:

Dear Dr. Woods,

I am writing offer my support of changing the PSYC/NRSC 311 course title from Comparative Psychology to Animal Behavior. You are correct that our courses do not use the title Animal Behavior. The ANSC 310 course is Behavior and Management of Domestic Animals, and the ANSC 610 course is titled Applied Animal Ethology. I think that our future direction will emphasize the animal well-being or animal welfare component as much or more than the behavior component.

Also, I should call your attention to the fact that the College of Veterinary Medicine and Biomedical Sciences offers a course in their professional curriculum titled VMID 932 Animals and Society: Animal Behavior, Human-Animal Bond, Veterinary Ethics.

I appreciate the opportunity to comment. Best of luck.

Russell
cacoufal@tamu.edu

Visit us at animalscience.tamu.edu.

Join us on Facebook at facebook.com/tamuanimalscience.
Texas A&M University
Departmental Request for a Change in Course
Undergraduate • Graduate • Professional

Form Instructions:
1. Course request type: [✓] Undergraduate [ ] Graduate [ ] First Professional (DSL, 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:

   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 (C,LMD)

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/resource/export-controls/export-control-basics-for-distance-education).

8. 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.

9. As currently in course inventory:

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<th>Prefix</th>
<th>Course #</th>
<th>Title (excluding punctuation)</th>
</tr>
</thead>
<tbody>
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<td>PSYC</td>
<td>311</td>
<td>Comparative Psychology</td>
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</tbody>
</table>

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<th>Admin. Unit</th>
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<td>2380</td>
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<td>3</td>
</tr>
</tbody>
</table>

10. Change to:

    | Prefix | Course # | Title (excluding punctuation) |
    |--------|----------|-------------------------------|
    | PSYC   | 311      | Animal Behavior               |

    | Lect. | Lab | Other | SCH | CP and Fund Code | Admin. Unit | Academic | HICE Code | Level |
    |-------|-----|-------|-----|-----------------|-------------|----------|-----------|-------|
    | 3.00  | 0.00| 0.00  | 3.00| 2615010002      | 2380        | 16       | -        | 17    |

11. Approval recommended by:

    Doug Woods, PSYC

    Department Head or Program Chair (Type Name & Sign) Date 8/20/15

    Jane Wells: NRSC

    Department Head or Program Chair (Type Name & Sign) Date 8/27/15

12. Chair of College Review Committee Date 9-14-15

    Dean of College Date 9-15-15

13. Submitted to Coordinating Board by:

    Associate Director, Curricular Services

    Date

Questions regarding this form should be directed to Sandra Williams at 845-8301 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.
Sandra Williams

From: Oberhelman, Steven M
Sent: Saturday, October 3, 2015 11:18 AM
To: Sandra Williams
Cc: Scott, Timothy P
Subject: FW: Request for support for a title change to PSYC 311
Attachments: FW: Animal Behavior course title change

Sandra,

Michael Masser, head of Wildlife and Fisheries, is willing to approve the course, but with the title change to “Psychology of Animal Behavior.” Psychology and I are both happy with this as it does reflect accurately what the course does.

Attached is the letter of support from Animal Science.

Steve

Associate Dean
Undergraduate Programs Office
George Sumey, Jr., Professor of Liberal Arts
Professor of Classics
Editor, Helios

From: Masser, Michael P
Sent: Friday, October 2, 2015 3:12 PM
To: Woods, Douglas W
Subject: RE: Request for support for a title change to PSYC 311

Doug,

We would be ok with the “Psychology of Animal Behavior” and would be willing to consider another name if you come up with one. Have a great weekend.

Michael

From: Woods, Douglas W
Sent: Friday, October 02, 2015 12:32 PM
To: Masser, Michael P
Subject: RE: Request for support for a title change to PSYC 311

Michael,

Thanks for your input on this. Perhaps there could be some compromise title that would be acceptable to both Departments. Perhaps something like “Psychology of Animal Behavior,” which would make it more clear that this is a Psychology course, or perhaps some other title you feel would protect your interests but allow us to accomplish our goals.
Although a good number of our faculty do research on animal behavior/neuroscience and it is appropriate that we teach a course in Comparative Psychology, our purpose in proposing the retitling was certainly not to “corner the market” on animal behavior courses. Instead, our proposed retitling was simply to put a more contemporary and understandable label (to our students) on a course that has existed nearly as long as the Department itself.

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
Head of Animal Science was very supportive. The next one, not so much. Next e-mail to come.

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: Courtney Coufal [mailto: cacoufal@tamu.edu]
Sent: Friday, October 02, 2015 9:01 AM
To: Woods, Douglas W
Subject: Animal Behavior course title change

This message is sent at the request of Dr. Russell Cross, head of animal science:

Dear Dr. Woods,

I am writing offer my support of changing the PSYC/NRSC 311 course title from Comparative Psychology to Animal Behavior. You are correct that our courses do not use the title Animal Behavior. The ANSC 310 course is Behavior and Management of Domestic Animals, and the ANSC 610 course is titled Applied Animal Ethology. I think that our future direction will emphasize the animal well-being or animal welfare component as much or more than the behavior component.

Also, I should call your attention to the fact that the College of Veterinary Medicine and Biomedical Sciences offers a course in their professional curriculum titled VMID 932 Animals and Society: Animal Behavior, Human-Animal Bond, Veterinary Ethics.

I appreciate the opportunity to comment. Best of luck.

Russell

Courtney Coufal
Communications Coordinator
Department of Animal Science
133 Kleberg | 2471 TAMU
College Station, TX 77843-2471
(979) 845-1542
cacoufal@tamu.edu

Visit us at animalscience.tamu.edu.

Join us on Facebook at facebook.com/tamuanimalscience.
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 (e.g., DVM, JD, MD, etc.)
2. Request change for:  ☒ Degree Program  ☐ Minor  ☐ Certificate
3. Request submitted by (Department or Program Name):  Agricultural Leadership Education & Communications
4. 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 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?  http://www.theeb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBFF01D60  ☒ Yes  ☐ No
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  8/31/15  Dean of College  9/3/15
Department Head or Program Chair  Chair, GC or UCC
Date  Date

Chair, College Review Committee  9/3/15

Questions regarding this form should be directed to Curricular Services at 845-8201 or sandra.williams@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 (e.g., 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 405 in order for it to count as part of major degree curriculum.

5. Rationale for change:  2.75 GPA needed for State Certification

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.
      Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.  ☑ 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:  

8. a. If yes, is the Texas Higher Education Coordinating Board form attached?  ☑ Yes  □ No
   http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBF01D60

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/SC, 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  [Signature]  8/6/15  Date
Department Head or Program Chair (Type Name & Sign)

Kim Dooley  9/3/15  Date
Dean of College

Chair, College Review Committee  9/3/15  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: ____________________________ Date: ____________________________

#### UIN:

### MAJOR COURSE WORK (26 HRS)

<table>
<thead>
<tr>
<th>AGSC Program Coursework</th>
<th>Student Teaching Coursework</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGSC 301 (1st Semester Junior Year)</td>
<td>3</td>
</tr>
<tr>
<td>AGSC 384 (2nd Semester Junior Year)</td>
<td>3</td>
</tr>
<tr>
<td>AGSC 402 (1st Semester Senior Year) *Must Have C or Better</td>
<td>3</td>
</tr>
<tr>
<td>AGSC 405 (1st Semester Senior Year) *Must Have C or Better</td>
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</table>

***ALL classes for MAJOR COURSEWORK must have a grade of a “C” or better***

### Professional Education Coursework (6 HRS)

| INST 210 (1st Semester Junior Year) | 3                           | INST 301 (2nd Semester Junior Year) | 3 |

***ALL classes for PROFESSIONAL EDUCATION COURSEWORK must have a grade of a “C” or better***

### SUPPORTING COURSE WORK (43 HRS)

| AGLS 101                          | 1 | INTRO ANSC ELEC (ANSC 107, DASC 202, POSC 201) | 3 |
| AGSM ELEC (AGSM 201, AGRI 2303)   | 3 | ANSC NUTRITION ELEC (ANSC 320) | 3 |
| AGSM ELEC (AGSC 373)              | 3 | ANSC REPRODUCTION ELEC (ANSC 433) | 3 |
| AGSM ELEC (AGSC 383)              | 3 | AGEC ELEC (AGEC 314, 315, 325, OR 340) | 3 |
| PLANT SCIENCE ELEC (HORT 201, SCSC 105) | 3 | Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC) | 3 |
| PLANT SCIENCE ELEC (HORT 301, 335, GENE) | 3 | Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC) | 3 |
| PLANT SCIENCE ELEC (SCSC 302, ESSM 314) | 3 | Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC) | 3 |
| ANSC 484 (Taken During STUDENT TEACHING) | 1 | Ag Elective ANY COURSE FROM AGLS (ENTO, ANSC, WFSC, SCSC, HORT, ALED, ETC) | 2 |

Elective ANY COURSE(S) | 3 |

### UNIVERSITY CORE CURRICULUM (UCC) (42HRS)

#### ENGLISH & COMMUNICATION (6 hrs)

| ENGL 104 – Composition & Rhetoric | 3 |
| ENGL 203                          | 3 |

**MATH (6 hrs)**

| MATH 167                          | 3 |
| MATH 166, 141, 142 OR PHIL 240     | 3 |

#### LIFE AND PHYSICAL SCIENCES (9 HRS)

| SCIENCE ELECTIVE (KLPS)            | 3 |
| SCIENCE ELECTIVE (KLPS)            | 3 |
| SCIENCE ELECTIVE (KLPS)            | 3 |

#### PHILOSOPHY, CULTURE AND LANGUAGE (3 hrs)

| GEOL 202                          | 3 |

#### CREATIVE ARTS (3 hrs)

| HORT 203                          | 3 |

| AGE 305 OR ECON 200, 203           | 3 |

#### SOCIAL SCIENCE (3 hrs)

| HIST 105, 226                     | 3 |
| HIST 106                          | 3 |

#### AMERICAN HISTORY (6 hrs)

| POLS 206 – American National Govt  | 3 |
| POLS 207 – State and Local Govt    | 3 |

#### POLITICAL SCIENCE (6 hrs)

**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

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>AGEC 105</td>
<td>Introduction to Agricultural Economics</td>
<td>3</td>
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<tr>
<td>or ECON 202</td>
<td>Principles of Economics</td>
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<tr>
<td>ECON 203</td>
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<tr>
<td>AGEC 314</td>
<td>Marketing Agricultural and Food Products</td>
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<tr>
<td>AGEC 315</td>
<td>Food and Agricultural Sales</td>
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<tr>
<td>AGEC 325</td>
<td>Principles of Farm and Ranch Management</td>
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<td>AGEC 340</td>
<td>Agribusiness Management</td>
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<td>AGLS 101</td>
<td>Modern Agricultural Systems and Renewable Natural Resources</td>
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<tr>
<td>AGSC 301</td>
<td>Introduction to Agricultural Science Teaching</td>
<td>3</td>
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<tr>
<td>AGSC 384</td>
<td>Clinical Professional Experience in AGSC</td>
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<tr>
<td>AGSC 402</td>
<td>Designing Instruction for Secondary Agricultural Science Programs</td>
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<tr>
<td>AGSC 405</td>
<td>Facilitating Complete Secondary Agricultural Science Programs</td>
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<td>AGSC 425</td>
<td>Learner Centered Instruction in Agricultural Science</td>
<td>3</td>
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<td>AGSC 436</td>
<td>Professional Teaching Internship in AGSC</td>
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<tr>
<td>AGSC 481</td>
<td>Seminar</td>
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<td>AGSC 484</td>
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<td>POSE 201</td>
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<td>ANSC 320</td>
<td>Animal Nutrition and Feeding</td>
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<td>ANSC 433</td>
<td>Reproduction in Farm Animals</td>
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<td>ANSC 484</td>
<td>Livestock Practicum</td>
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<tr>
<td>INST 210</td>
<td>Understanding Special Populations</td>
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<td>INST 301</td>
<td>Educational Psychology</td>
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<td>POLS 206</td>
<td>American National Government</td>
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<td>POLS 207</td>
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<td>SCSC 105</td>
<td>World Food and Fiber Crops</td>
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<tr>
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<td>Horticultural Science and Practices</td>
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<td>American history electives</td>
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<td>Biological and agricultural engineering/Agricultural systems management electives</td>
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<td>9</td>
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<td>Communication electives</td>
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<td>Language, philosophy and culture elective</td>
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<td>Life and physical sciences electives</td>
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<td>Mathematics electives</td>
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</table>

Total Semester Credit Hours: 32

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.

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<th>Program</th>
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<tbody>
<tr>
<td>Catalog Term</td>
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<tr>
<td>Evaluation Term</td>
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<td>Catalog Term</td>
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<td>Evaluation Term</td>
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<td>Results as of</td>
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<td>Overall GPA</td>
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<td>Other Course Information</td>
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This is NOT an official evaluation.

Area: Major Coursework (26.000 credits) - Not Met

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- Must have "C" or better
- Must make a grade of 'C' or better

unofficial evaluation

Area: Supporting Coursework (49.000 credits) - Not Met

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Total Credits and GPA 0.000
### Detail Requirements

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<tr>
<th>No</th>
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<th>Agriculture Rqmt</th>
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<td>Select from HORT 201; SCSC 105.</td>
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<td></td>
<td></td>
<td>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; FSTC 100-499; GENE 100-499; HORT 100-499; MEPS 100-499; NUTR 100-499; PLPA 100-499; POSC 100-499; PPHY 100-499; RENV 100-499; RPTS 100-499; WFS 100-499.</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits and GPA**: 0.000

### unofficial evaluation

### Area: Communication (6.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Term</th>
<th>Subject Course Title</th>
<th>Attribute Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Communication Requirement</td>
<td>Select 6 hours from any courses with the Communication attribute [KCOM].</td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

**Total Credits and GPA**: 0.000

### unofficial evaluation

### Area: Mathematics (6.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Term</th>
<th>Subject Course Title</th>
<th>Attribute Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Mathematics Rqmt I</td>
<td>3hrs</td>
<td></td>
<td></td>
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</table>

Select from any course with the Mathematics attribute [KMTH].

<table>
<thead>
<tr>
<th>No</th>
<th>AND</th>
<th>B.</th>
<th>Mathematics Rqmt II</th>
<th>3hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Select from any course with the Mathematics attribute [KMTH].</td>
<td></td>
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</tbody>
</table>

**Total Credits and GPA**: 0.000

### unofficial evaluation

### Area: Life and Physical Sciences (9.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required Term</th>
<th>Subject Course Title</th>
<th>Attribute Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Math and Physical Science Rqmt</td>
<td>3hrs</td>
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</table>

Select from any course with the Mathematics and Physical Science attribute [MPSC].

**Total Credits and GPA**: 0.000

### unofficial evaluation

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https://compass-ssb.tamu.edu/pls/PROD/bwckapp.P_VerifyDispEvalViewOption

8/24/2015
Detail Requirements

<table>
<thead>
<tr>
<th>No</th>
<th>A. Life/Physical Sciences 9hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select 9 hours from any courses with the Life and Physical Sciences attribute [KLPS].</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

unofficial evaluation

Area: Language, Philosophy & Culture (3.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
</tr>
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<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>No</th>
<th>A. Lang. Phil. Culture Rqmt 3hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Select any course with the Language, Philosophy and Culture attribute [KLPC].</td>
</tr>
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</table>

Total Credits and GPA 0.000

unofficial evaluation

Area: Creative Arts (3.000 credits) - Not Met

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
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<tbody>
<tr>
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</table>

<table>
<thead>
<tr>
<th>No</th>
<th>A. Creative Arts Requirement</th>
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<tbody>
<tr>
<td></td>
<td>Select three hours from any course with the Creative Arts attribute [KCRA].</td>
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Total Credits and GPA 0.000

unofficial evaluation

Area: Social and Behavioral Science (3.000 credits) - Not Met

<table>
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<tr>
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<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
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<tbody>
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<table>
<thead>
<tr>
<th>No</th>
<th>A. Economics Rqmt 3hrs</th>
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<tbody>
<tr>
<td></td>
<td>Select from AGEC 105; ECON 202, 203.</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000

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. |

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition Rule Subject Attribute Low High Required Required Term Subject Course Title Attribute Credits Courses</th>
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<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>No</th>
<th>A. American History Rqmt 6hrs</th>
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<tbody>
<tr>
<td></td>
<td>Select from any course with the [KHIS] attribute.</td>
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</table>

<table>
<thead>
<tr>
<th>No</th>
<th>AND B. Political Science Rqmt 6hrs</th>
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<tbody>
<tr>
<td></td>
<td>Take PCLS 206 and POLS 207.</td>
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</table>

Total Credits and GPA

unofficial evaluation
Detail Requirements

Area: General Electives (3.000 credits) - Not Met

<table>
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<tr>
<th>Met</th>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>General Electives 3hrs</td>
<td>Select from any 100-499 course not used elsewhere (except EDTC 305; STLC 100-499).</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total Credits and GPA</td>
<td>0.000</td>
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unofficial evaluation

Area: Work Not Applied - Met

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<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required</th>
<th>Term</th>
<th>Subject</th>
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<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Courses not applied</td>
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<td>Total Credits and GPA</td>
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unofficial evaluation

Area: University Writing Requirement - Not Met

<table>
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<th>Condition</th>
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<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>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Writing Requirement</td>
<td>Two courses required. Only sections of AGSC 384, 402, 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
<td></td>
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<td></td>
<td>Total Credits and GPA</td>
<td>0.000</td>
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unofficial evaluation

Area: Int'l & Cult Diversity - Not Met

<table>
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<tr>
<th>Met</th>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Int'l &amp; Cultural Diversity 6hr</td>
<td>Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 289 with the UWRT attribute).</td>
<td></td>
<td></td>
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<td></td>
<td>Total Credits and GPA</td>
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unofficial evaluation

Area: Foreign Language - Not Met

<table>
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<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
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<th>Term</th>
<th>Subject</th>
<th>Course</th>
<th>Title</th>
<th>Attribute</th>
<th>Credits</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>Foreign Language Reqmt</td>
<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>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Total Credits and GPA</td>
<td>0.000</td>
<td></td>
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</table>
unofficial evaluation

**Area:** Residency 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</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>C Credits</th>
<th>Courses</th>
</tr>
</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.</td>
<td>Residence 300-499 24hrs</td>
<td>Select from any 300-400 level course at Texas A&amp;M.</td>
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</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>
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<th>Attribute</th>
<th>Low</th>
<th>High</th>
<th>Required</th>
<th>Required Term</th>
<th>Subject</th>
<th>Course Title</th>
<th>Attribute</th>
<th>C Credits</th>
<th>Courses</th>
</tr>
</thead>
<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 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:  _________
    c. If yes, is the Texas Higher Education Coordinating Board form attached?  http://www.thecb.state.tx.us/index.cfm?objectid=A069E7FA-8A92-4F11-7756AD3BBF111260  □Yes  □No

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  Dean of College

Department Head or Program Chair (Type Name & Sign)  Date  Date  Chair, College Review Committee  Date  Chair, GO & 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>
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<tbody>
<tr>
<td>3</td>
<td>INTS 201 Introduction to Cultural Studies</td>
</tr>
<tr>
<td>3</td>
<td>INTS 203 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>
</tbody>
</table>

International Communication and Media Track: 18 credits.

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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</thead>
<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>
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<td>COMM 325 Persuasion</td>
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<td></td>
<td>COMM 415 New media and Civil Society</td>
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<td>COMM 443 Communication and Conflict</td>
</tr>
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<td></td>
<td>COMM 446 Communication, Organizations and Society</td>
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<td></td>
<td>ENGL 241 Advanced Composition</td>
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<td></td>
<td>ENGL 320 Technical Editing and Writing</td>
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<td></td>
<td>JOUR 203 Media Writing I</td>
</tr>
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<td></td>
<td>JOUR 303 Media Writing II</td>
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<td></td>
<td>MKTG 409 Principles of Marketing</td>
</tr>
<tr>
<td></td>
<td>PSYC 346 Psychology of Language</td>
</tr>
<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>
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<td></td>
<td>COMM 335 Intercultural Communication</td>
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<td>COMM 340 Communication and Popular Culture</td>
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<td>COMM 354 Political Economy of Telecommunication</td>
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<td>COMM 365/JOUR 365 International Communication</td>
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<td></td>
<td>COMM 450 Media Campaigns</td>
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<td>COMM 454 Telecommunication Policy</td>
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<td>COMM 458/JOUR 458 Global Media</td>
</tr>
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<td></td>
<td>INTS 301 Theories of Globalization</td>
</tr>
<tr>
<td></td>
<td>INTS 484 Directed Internship</td>
</tr>
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</table>

Area Studies: 9 credits. Choose one area.

**Latin America**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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<tbody>
<tr>
<td>9</td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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**Europe**

<table>
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**Africa**

<table>
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**North Africa and the Middle East**

<table>
<thead>
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<th>Credit</th>
<th>Course</th>
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<tbody>
<tr>
<td>9</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>Hours</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>
</tbody>
</table>

Select two of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTS 400-INTS 480</td>
<td>Directed Studies</td>
<td>6</td>
</tr>
<tr>
<td>INTS 485</td>
<td>Special Topics in...</td>
<td></td>
</tr>
<tr>
<td>INTS 497</td>
<td>Independent Honors Study</td>
<td></td>
</tr>
<tr>
<td>INTS 481</td>
<td>Senior Seminar in International Studies</td>
<td>3</td>
</tr>
</tbody>
</table>

**Track courses**

Select three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>COMM 240</td>
<td>Rhetorical Criticism</td>
<td></td>
</tr>
<tr>
<td>COMM 243</td>
<td>Argumentation and Debate</td>
<td></td>
</tr>
<tr>
<td>COMM 320</td>
<td>Organizational Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 325</td>
<td>Persuasion</td>
<td></td>
</tr>
<tr>
<td>COMM 415</td>
<td>New Media and Civil Society</td>
<td></td>
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<tr>
<td>COMM 443</td>
<td>Communication and Conflict</td>
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<tr>
<td>COMM 446</td>
<td>Communication, Organizations and Society</td>
<td>9</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ENGL 241</td>
<td>Advanced Composition</td>
<td></td>
</tr>
<tr>
<td>ENGL 320</td>
<td>Technical Editing and Writing</td>
<td></td>
</tr>
<tr>
<td>JOUR 203</td>
<td>Media Writing I</td>
<td></td>
</tr>
<tr>
<td>JOUR 303</td>
<td>Media Writing II</td>
<td></td>
</tr>
<tr>
<td>MKTG 409</td>
<td>Principles of Marketing</td>
<td></td>
</tr>
<tr>
<td>PSYC 346</td>
<td>Psychology of Language</td>
<td></td>
</tr>
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Select three of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>COMM 330</td>
<td>Technology and Human Communication</td>
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<tr>
<td>COMM 335</td>
<td>Intercultural Communication</td>
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</tr>
<tr>
<td>COMM 340</td>
<td>Communication and Popular Culture</td>
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<tr>
<td>COMM 354</td>
<td>Political Economy of Telecommunication</td>
<td></td>
</tr>
<tr>
<td>COMM 365</td>
<td>International Communication</td>
<td></td>
</tr>
<tr>
<td>COMM 450</td>
<td>Media Campaigns</td>
<td></td>
</tr>
<tr>
<td>COMM 454</td>
<td>Telecommunication Policy</td>
<td></td>
</tr>
<tr>
<td>COMM 458</td>
<td>Global Media</td>
<td></td>
</tr>
<tr>
<td>INTS 301</td>
<td>Theories of Globalization</td>
<td></td>
</tr>
<tr>
<td>INTS 484</td>
<td>Directed Internship</td>
<td></td>
</tr>
</tbody>
</table>

**Area Studies**

Select courses from one of the following areas:

- Latin America
- Europe
- Africa
- North Africa and the Middle East
- Asia

**Foreign Language**

**International Experience Requirement**

**College and University Requirements**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 104</td>
<td>Composition and Rhetoric</td>
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<tr>
<td></td>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Literature in English</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Language, philosophy and culture</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Creative arts</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Life and physical sciences</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>Social and behavioral sciences</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>American history</td>
<td>6</td>
</tr>
<tr>
<td>POLS 206</td>
<td>American National Government</td>
<td>3</td>
</tr>
<tr>
<td>POLS 207</td>
<td>State and Local Government</td>
<td>3</td>
</tr>
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</table>

**International and Cultural Diversity**

General electives

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>7</td>
</tr>
</tbody>
</table>

**Total Semester Credit Hours**

120
1 Requirement for the minor in public relations.
2 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.
3 See the Foreign Language paragraph.
4 See the International Experience Requirements paragraph.
5 At least 3 hours must be in MATH. Three hours may be PHIL 240.
6 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.
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 Only one course from MATH 141, 166 may be used in this degree program.

Limitation Only 14 hours of KINE 199; ARS 100-499; MLSR 100-499; NVSC 100-499; SOMS 100-499 may be used in this degree program to include hours counted toward residency.

Program: BA INTS-Intl Comm & Media
Campus: College Station
College: Liberal Arts
Degree: Bachelor of Arts
Level: Undergraduate
Majors: International Studies
Departments: International Studies
Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date: Fall 2015 - College Station
Request Number: 82
Results as of: Aug 25, 2015

Met Courses

<table>
<thead>
<tr>
<th>Total Required</th>
<th>Required</th>
<th>Used</th>
<th>Used</th>
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</thead>
<tbody>
<tr>
<td>No 120.000</td>
<td>0.00</td>
<td>0.00</td>
<td></td>
</tr>
</tbody>
</table>

Program GPA: Yes
Overall GPA: No

Other Course Information
Transfer: 0.000

This is NOT an official evaluation.

Area Major Coursework (15,000 credits) - Not Met

| Met Condition | Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source |
|---------------|---------------------------------|-----------------|-----------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| No            | A. INTS 211                     |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |
|               |                                |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |
| No AND        | B. INTS 205                     |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |
|               |                                |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |
| No AND        | C. 400-level INTS - 6hrs       |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |
|               |                                |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |
| No AND        | D. INTS 481                     |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |
|               |                                |                  |                 |                  |                               |                 |                 |                 |                 |                 |                 |                 |

unofficial evaluation

Area Supporting Coursework (18,000 credits) - Not Met

| Met Condition | Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source |
|---------------|---------------------------------|-----------------|-----------------|---------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|               |                                |                 |                 |                                |                 |                 |                 |                 |                 |                 |                 |                 |                 |

Total Credits and GPA

0.000 0.00
**Detail Requirements**

No | A. | **Basics of Communication 9 hrs**
---|---|---
    |    | Must make a grade of "C" or better.
    |    | Select from COMM 240, 143, 325, 315, 415, 443, 446, ENGL 241, 320, JOUR 203, 303, MKTG 499.

No | AND | B. | **Int/Inarcultural Comm 9 hrs**
---|---|---|---
    |    | Must make a grade of "C" or better.
    |    | Select from COMM 330, 335, 340, 354, 365, 450, 454, 458.
    |    | MKTG 301, 484.

**unofficial evaluation**

**Area Studies Requirement ( 9.000 credits ) - Not Met**

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>(</td>
<td>A.</td>
<td>Latin America 9hrs</td>
<td>Must make a grade of &quot;C&quot; or better.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>)OR(</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>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>)OR(</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>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>)OR(</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>
<td></td>
<td></td>
</tr>
<tr>
<td>No</td>
<td>)OR(</td>
<td>E.</td>
<td>N. Africa &amp; The Mid East 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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</tbody>
</table>

**unofficial evaluation**

**Area Communication ( 12.000 credits ) - Not Met**

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High</th>
<th>Required Credits</th>
<th>Required Courses</th>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>ENGL 104</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>B.</td>
<td>Communication 3hrs</td>
<td>Selected from any course with the communication attribute (FCHM).</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**unofficial evaluation**

**Area Mathematics ( 6.000 credits ) - Not Met**

---

8/25/15, 11:14 AM
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 (e.g., 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?
      - [ ] Yes
      - [ ] No

   [http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD1BBF901D60](http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD1BBF901D60)

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

Chair, College Review Committee 9-14-15

Chair, GC or UCC 4/14

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.

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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</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>
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</table>

International Environmental Studies Track: 18 credits.

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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<tbody>
<tr>
<td>18</td>
<td>To be chosen from the following:</td>
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<tr>
<td></td>
<td>AGEC 105 Introduction to Agricultural Economics</td>
</tr>
<tr>
<td></td>
<td>AGEC 350 Environmental and Natural Resource Economics</td>
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<tr>
<td></td>
<td>AGEC 414 Agribusiness and Food Market Analysis</td>
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<td></td>
<td>AGEC 452 International Trade and Agriculture</td>
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<td></td>
<td>AGLS 101 Modern Agricultural Systems and Renewable Natural Resources</td>
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<td></td>
<td>ATMO 201 Atmospheric Sciences</td>
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<td></td>
<td>BESC 201 Introduction to Bioenvironmental Sciences</td>
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<td></td>
<td>BIOL 328 Plants and People</td>
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<td>BIOL 357 Ecology</td>
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<td>FSTC 201 Food Science</td>
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<td></td>
<td>GEOG 201 Introduction to Human Geography</td>
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<td>GEOG 202 Geography of the Global Village</td>
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<td>GEOG 203 Planet Earth</td>
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<td>GEOG 304 Economic Geography</td>
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<td>GEOG 311 Cultural Geography</td>
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<td>GEOG 324 Global Climatic Regions</td>
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<td>GEOG 330 Resources and the Environment</td>
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<td>GEOG 401 Political Geography</td>
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<td>GEOG 430 Environmental Justice</td>
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<td>GEOL 101 Principles of Geology</td>
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<td>GEOL 420 Environmental Geology</td>
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<td>GEOS 210 Climate Change</td>
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<td>GEOS 410 Global Change</td>
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<td></td>
<td>INTS 301 Theories of Globalization</td>
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<td>INTS 484 Internship</td>
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<td>OCNG 251 Oceanography</td>
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<td>PHIL 314 Environmental Ethics</td>
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<tr>
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<td>POLS 347 Politics of Energy and the Environment</td>
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<tr>
<td></td>
<td>POLS 456 Environmental Political Theory (W)</td>
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<td>RENR 205 Fundamentals of Ecology</td>
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<td>RENR 375 Conservation of Natural Resources</td>
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<td>SOCI 206 Global Social Trends</td>
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<tr>
<td></td>
<td>SOCI 328 Environmental Sociology</td>
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</table>

Area Studies: 9 credits. Choose one area.

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
</tr>
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<tbody>
<tr>
<td>9</td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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Latin America

Europe

<table>
<thead>
<tr>
<th>Credit</th>
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<tbody>
<tr>
<td>9</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>
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 longsemester 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 interconnectedness.

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
POLI 347 Politics of Energy and the Environment
POLI 456 Environmental Political Theory
RENR 205 Fundamentals of Ecology
RENR 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 6
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

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, 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.
### 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 Only one 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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<thead>
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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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<tr>
<td>Campus :</td>
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<td>Evaluation Term :</td>
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This is NOT an official evaluation.

### Area Major Coursework (15.000 credits) - Not Met

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<th>Term Subject</th>
<th>Course Title</th>
<th>Attribute Credits</th>
<th>Grade Source</th>
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<td>INTS 201</td>
<td>First make a grade of &quot;C&quot; or better.</td>
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<tr>
<td>No AND</td>
<td>B.</td>
<td>INTS 205</td>
<td>First make a grade of &quot;C&quot; or better. 1hr course to be taken 3 times.</td>
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<td>No AND</td>
<td>C.</td>
<td>400-level INTS - 3hrs</td>
<td>Must make a grade of &quot;C&quot; or better. Select from INTS 400-499, 435; no more than 3 credits.</td>
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<td>No 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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Total Credits and GPA: 0.000 0.00

unofficial evaluation

### Area Supporting Coursework (18.000 credits) - Not Met

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</table>
### Area A. Int'l Enviro Studies 18hrs

Must make a grade of "C" or better.  
Select from AGEC 105, 350, 414, 452; AESG 101; BIOL 228, 327, 505; EESC 201; GEOG 201-203, 304, 311, 421, 430, 441, 450; GEOL 101, 420; GEOL 410; INTS 301, 484; QCMS 291; PHIL 314; POLS 347, 450; REWR 205, 375; SOC 246, 372.

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<th>Required Courses</th>
<th>Term Subject</th>
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### Unofficial Evaluation

### Total Credits and GPA 3.000

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### Area A. Communication (12.000 credits) - Not Met

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### Total Credits and GPA 0.000

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### Area A. Mathematics (6.000 credits) - Not Met

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### Unofficial Evaluation

### Total Credits and GPA 0.000

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unofficial evaluation

**Area:** Life and Physical Sciences (9.000 credits) - Not Met

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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. 4hrs. 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. 4hrs. Select from GERM 300-499.

C. Italian 20hrs
1. 8hrs. Take ITAL 101, 102.
2. 3hrs. 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. 3hrs. 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 CNH 101, 102.
2. 6hrs. Take CNH 201, 202.
3. 6hrs. Select from CNH 300-499.
Detail Requirements

```
H. Arabic 20hrs
1. 8hrs. Take ARAB 101, 102.
2. 6hrs. Take ARAB 201, 202.
3. 6hrs. Select from ARAB 300-499.

| Met | Condition Rule Subject Attribute Low High Required Term Subject Course Title Attribute Credits Grade Source Courses |
|-----|----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| No  |                                                                     |                                                 |                                                 |                                                 |
| No  | )OR(                                                               |                                                 |                                                 |                                                 |
| No  | )OR(                                                               |                                                 |                                                 |                                                 |
| No  | )OR(                                                               |                                                 |                                                 |                                                 |
| No  | )OR(                                                               |                                                 |                                                 |                                                 |
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| No  | )OR(                                                               |                                                 |                                                 |                                                 |
| No  | )OR(                                                               |                                                 |                                                 |                                                 |
| No  | )OR(                                                               |                                                 |                                                 |                                                 |

Total Credits and GPA 0.000 .00
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unofficial evaluation

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Area: Lang. Phil. Cult. & Cr. Arts (6.000 credits) - Not Met

| Met | Condition Rule Subject Attribute Low High Required Term Subject Course Title Attribute Credits Grade Source Courses |
|-----|----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| No  |                                                                     |                                                 |                                                 |                                                 |
| No  | )AND                                                                |                                                 |                                                 |                                                 |

Total Credits and GPA 0.000 .00
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unofficial evaluation

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Area: Social and Behavioral Science (6.000 credits) - Not Met

| Met | Condition Rule Subject Attribute Low High Required Term Subject Course Title Attribute Credits Grade Source Courses |
|-----|----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| No  |                                                                     |                                                 |                                                 |                                                 |
| No  | )AND                                                                |                                                 |                                                 |                                                 |

Total Credits and GPA 0.000 .00
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unofficial evaluation

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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.

| Met | Condition Rule Subject Attribute Low High Required Term Subject Course Title Attribute Credits Grade Source Courses |
|-----|----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| No  |                                                                     |                                                 |                                                 |                                                 |
| No  | )AND                                                                |                                                 |                                                 |                                                 |

Take POLS 206 and POLS 207.
```
### Unofficial Evaluation

**Area: General Electives (7.000 credits) - Not Met**

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Total Credits and GPA: 0.000 0.00

### Unofficial Evaluation

**Area: Work Not Applied - Met**

Description: See advisor for acceptable substitutions.

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Total Credits and GPA: 0.000 0.00

### Unofficial Evaluation

**Area: University Writing Requirement - Not Met**

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<td>Only sections with prefix of ASIA, ARAB, CHIN, FREN, GERM, ITAL, JAPN, RUSS, SPAN with the Writing attribute [UWRIT] or INTS 201, 400-499, 481, 482 or 491; UGST 491 with the Writing attribute [UWRIT] may be used to satisfy this requirement</td>
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<td>Only sections of INTS 201, 400-499, 481, 482 or 491; UGST 491 with the Writing attribute [UWRIT] may be used to satisfy this requirement</td>
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Total Credits and GPA: 0.000 0.00

### Unofficial Evaluation

**Area: Int'l & Cult Diversity - Not Met**

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Total Credits and GPA: n.000 0.00

### Unofficial Evaluation
### 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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|    | Includes: AGEC 250, 414, 452; ANTH 305, 315, 319; BIOL
|    | AND | Residence - 300-499 24hrs |     |     |     |     |     |     |     |     |

**unofficial evaluation**

### GPR-Major - Not Met

**Description** A GPR of 2.00 must be maintained in all major field courses.

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<th>D</th>
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<td>Includes: AFST 201-302; AGRC 105, 350, 414, 457, AGS 101; AGRO 314-330; ANST 306; ANTH 295, 305-395; APCH 440-442; ARTS 135; ASIA 349-463; BESC 201; BIO 328, 357; CLASS 351; COMM 365; ECON 365; FURD 325; FURM 301-425; HIST 201; GEOG 261-293; 324-326, 327-330, 401-403, 420-422, GEOG 303, 409; GEOS 105-410; GERAM 105-434, HIST 104, 110, 234, 304-395, 320-336, 404-412, 420-421, 435-441, 449, 477, 481, HUMA 303-304; RTS 201-497, ITAL 451-495; JOUR 370; MDDL 341-342, 352-358, NURS 311-315, 324-327; OCW 291; PEPP 301-327; PHL 201, 413-419; POLS 294, 311, 322-326, 331, 338, 347-359, 362-366, 369; RELS 351-434; REH 205, 375-470; RLIM 101-410; RPTS 307; RUSS 322-447; SOC 301, 320, 328-339, 340, 403, 463; SPAN 336-450; STAT 201, 303; TURK 289-295; UWSS 463.</td>
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</table>

**unofficial evaluation**

**Back to Display Options**
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 <stefanierharris@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
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 (ex. 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

4. B.A. in International Studies: International Geographic Information System

5. 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.

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? ☑ Yes  □ No
      http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD1BBF41D60

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-UC/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 8/28/15
Department Head or Program Chair (Type Name & Sign)  Date

Dean of College 8/24/15
Date

Chair, College Review Committee 9-14-15
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 Geographic Information Systems Track

**Core Courses: 15 credits.**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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<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>
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</table>

**International Geographic Information Systems Track: 18 credits.**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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</table>
| 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**

<table>
<thead>
<tr>
<th>Credit</th>
<th>Course</th>
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<tbody>
<tr>
<td>9</td>
<td>To be chosen from an approved list on the INTS website in consultation with an advisor.</td>
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- **Europe**

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- **Africa**

<table>
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- **North Africa and the Middle East**

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<td>9</td>
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- **Asia**

<table>
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<tbody>
<tr>
<td>9</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>

*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 Plan Earth
GEOG 205 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 4
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 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

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, 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 more than once.
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 391, 492, 493 and/or 494 courses may be used for an undergraduate degree.

Limitation: Only one course from MATH 141, 166 may be used in this degree program.

Limitation: Only 14 hours of KINE 199; AERS 100-499; MISC 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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<td>Liberal Arts</td>
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This is NOT an official evaluation.

Area: Major Coursework (15.000 credits) - Not Met

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<td>INTS 484</td>
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unofficial evaluation

Area: Supporting Coursework (18.000 credits) - Not Met

<table>
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<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
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<th>Required</th>
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</tbody>
</table>
A. Fundamentals of Geography 3hrs
   Select from GEOG 203, 205

B. Regional Geography 3hrs
   Select from GEOG 326, 325, 328, 401

C. Principles of GIS 12hrs
   Take GEOS 361, 394, 474.

Total Credits and GPA 0.000  0.00

unofficial evaluation

**Area Area Studies Requirement (9,000 credits) - Not Met**

<table>
<thead>
<tr>
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<th>Condition Rule Subject Attribute Low High Required Credits</th>
<th>Required Courses</th>
<th>Term Subject Course Title Attribute Credits Grade Source</th>
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**Area Communication (12,000 credits) - Not Met**

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<tbody>
<tr>
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</table>

**Area Mathematics (6,000 credits) - Not Met**

unofficial evaluation
unofficial evaluation

Area: Life and Physical Sciences (9.000 credits) - Not Met

<table>
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<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 Attribute Credits</th>
<th>Grade Source</th>
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<tr>
<td>No</td>
<td>A. Mathematics</td>
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<td>Select any course with the [MATH] attribute.</td>
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<td>No</td>
<td>AND</td>
<td>B. Math/Logic Remt 3hrs</td>
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<td>Select from RH1 240 or any course with the [MATH] attribute.</td>
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Total Credits = 0.000  GPA = 0.00

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. 6hrs. Select from RUSS 201, 202, 221, 222.
3. 6hrs. 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. 6hrs. Take CHIN 201, 202.
3. 6hrs. Select from CHIN 300-499.

**H. Arabic 20hrs**
1. 8hrs. Take ARAB 101, 102.
2. 8hrs. Take ARAB 201, 202.
3. 6hrs. Select from ARAB 300-499.

<table>
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<tr>
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<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low High</th>
<th>Required Term Subject Course</th>
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<td>No</td>
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<td>A</td>
<td>French 20hrs</td>
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<td>German 20hrs</td>
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<td>Italian 20hrs</td>
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<td>Japanese 20hrs</td>
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<td>Arabic 20hrs</td>
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</table>

**Total Credits and GPA**

|          | 0.000 | .00 |

**unofficial evaluation**

**Area Lang. Phil. Cult. & Cr. Arts ( 6.000 credits ) - Not Met**

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<th>Condition Rule</th>
<th>Subject Attribute</th>
<th>Low High</th>
<th>Required Term Subject Course</th>
<th>Title Attribute Credits</th>
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4 of 7
unofficial evaluation

Area Social and Behavioral Science (6.000 credits) - Not Met:

Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source

<table>
<thead>
<tr>
<th>No</th>
<th>A. Creative Arts 3hrs</th>
<th>Select any course with the Creative Arts [HUMA] attribute</th>
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<tr>
<td>No AND B. Language, Philosophy &amp; Culture</td>
<td>Select any course with the Language, Philosophy, and Culture [KILPC] attribute</td>
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</tbody>
</table>

Total Credits and GPA 0.000 0.00

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.

Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source

<table>
<thead>
<tr>
<th>No</th>
<th>A. Social Science 3hrs</th>
<th>Select any course with the Social and Behavioral Science attribute [S-SOC]</th>
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<tbody>
<tr>
<td>No AND B. Social Science 3hrs</td>
<td>Select any course with the Social and Behavioral Science attribute [H-SOC]</td>
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</tr>
</tbody>
</table>

Total Credits and GPA 0.000 0.00

unofficial evaluation

Area General Electives (7.000 credits) - Not Met:

Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source

| No            | A. General Elective 3hrs | Select any 100-499 course not used elsewhere |

Total Credits and GPA 0.000 0.00

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 0.00
unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>University Writing Requirement - Not Met</th>
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<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High</td>
</tr>
<tr>
<td>No</td>
<td>A. Writing Requirement Course I</td>
</tr>
<tr>
<td></td>
<td>Only sections with prefix of ASIA, ARAB, CHTH, PPEN, GERNM, ITAL, JPN, PLSS, SPAN with the Writing attribute [UWRT] or INTS 201, 400-480, 491, 492 or 497; UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
</tr>
<tr>
<td>No AND B. Writing Requirement Course II</td>
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<tr>
<td></td>
<td>Only sections of INTS 201, 400-480, 491, 492 or 497; UGST 491 with the Writing attribute [UWRT] may be used to satisfy this requirement.</td>
</tr>
</tbody>
</table>

Total Credits and GPA 0.000 0.00

unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Int'l &amp; Cult Diversity - Not Met</th>
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<tbody>
<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High</td>
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<tr>
<td>No</td>
<td>A. Int'l &amp; Cultural Diversity 4hr</td>
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<tr>
<td></td>
<td>Select from courses with the International and Cultural Diversity attribute [UICD] (except sections of BUSN 239 with the UWRT attribute).</td>
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</table>

Total Credits and GPA 0.000 0.00

unofficial evaluation

<table>
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<tr>
<th>Area</th>
<th>Residence Requirement - Not Met</th>
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<tr>
<td>Description</td>
<td>A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&amp;M University. 12 hours must be in the major field.</td>
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<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High</td>
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<tr>
<td>No</td>
<td>A. Residence - Major 12hrs</td>
</tr>
<tr>
<td>No AND B. Residence - 300-499 24hrs</td>
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Total Credits and GPA 0.003 0.00

unofficial evaluation

<table>
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<tr>
<th>Area</th>
<th>GPR-Major - Not Met</th>
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<tr>
<td>Description</td>
<td>A GPR of 2.00 must be maintained in all major field courses.</td>
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<tr>
<td>Met</td>
<td>Condition Rule Subject Attribute Low High</td>
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<tr>
<td>No</td>
<td>A. Major GPR 42 hrs</td>
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Total Credits and GPA 0.003 0.00
Includes AFST 301-302, AGEC 195, 250, 414, 452, AGOL 101; AGRO 314-320, AMST 300; ANTH 209, 305-335; ARCH 440-452; ASTR 250; ASTA 344-465; BESC 101; BIOL 320, 325; CLASS 351; COMM 308; ENGL 393; EURO 323; FREN 301-325; HIST 291, GEOG 201-205, 304-311, 320-330; JOUR 432; GEOG 101; CIV; GEOG 105-410; GERM 305-416; HIST 101, 210, 224, 304-305, 320-356, 401-412; JOUR 323; PHYS 441, 449, 477, 481; HUMA 302-304; INTS 301-357; ITAL 451-455; JOUR 370; MUSL 341-342, 352-356; MUSIC 111-115, 224-237; OTL 251; PBRF 301-327; PHIL 283, 413-415; POLS 209, 311, 322-326, 331, 338, 347-350; PSY 265, 416; PLS 251-264; RENR 205, 375-470; PLEM 102-130; PPE 301; RUSI 322-347; SOC 295, 320, 329-330; SPAN 305-350; STAT 201, 307; YNAT 200-251; WSC 446.

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
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):
   INTERNATIONAL STUDIES

4. Program Designation and Name
   (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.

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?
      http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBF101D60 ☐ Yes ☐ No

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
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 sundha.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>
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<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:

- 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 484 Directed Internship (in an Arabic-speaking country)
- LBAR 484 Internship

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>
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</thead>
<tbody>
<tr>
<td>Met</td>
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</tr>
<tr>
<td>No</td>
<td>AND A. ARAB 202</td>
</tr>
<tr>
<td>No</td>
<td>AND B. ARAB 202</td>
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<tr>
<td>No</td>
<td>AND C. ARAB 301</td>
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<td>No</td>
<td>AND D. ARAB 302</td>
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<td>No</td>
<td>AND E. Elective 3hrs</td>
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<td>AND F. Capstone Project 3hrs</td>
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Total Credits and GPA: 0.000 0.00

unofficial evaluation

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<tr>
<td>No</td>
<td>AND A. Writing Requirement Course I</td>
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<td>AND B. Writing Requirement Course II</td>
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Total Credits and GPA: 0.000 0.00

unofficial evaluation

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</tr>
<tr>
<td>No</td>
<td>AND A. Int'l &amp; Cultural Diversity 3hrs</td>
</tr>
</tbody>
</table>

Total Credits and GPA: 0.000 0.00

unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Residence Requirement - 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>AND A. Residence - Major 12hrs</td>
</tr>
</tbody>
</table>

Total Credits and GPA: 0.000 0.00

unofficial evaluation
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.
   AGEC 223 OR AGEC 423 (1 hour credit)
   AGEC 315 (3 hours credit)
   AGEC 424 (3 hours credit)
   AGEC 425 (3 hours credit)
   AGEC 434 (3 hours credit)

B. Select _____ hours from the following courses.

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:

[Signatures]
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 those 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. Merti 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.
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>Credits</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 Louder, 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.
ITEMS FROM SEPTEMBER 2015 UCC MEETING
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 (DOS, MD, JD, PharmD, DVM)

2. Request submitted by (Department or Program Name):  
   Department of Ecosystem Science and Management

3. Course prefix, number and complete title of course:  
   ESSM 461 GeoDatabases for Data Storage, Manipulation, and Analysis

4. Catalog course description (not to exceed 50 words):
   Relational databases and advanced geodatabase capabilities; types of geodatabases; Structured Query Language including join-types and subqueries; ArcGIS Desktop Advanced.

5. Prerequisite(s):  
   ESSM 459; junior or senior classification or approval of instructor.

6. Cross-listed with:  
   Stacked with:

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

   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 (C/LMN)

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

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)

   ESSM 461 GeoDatabases for Data Storage, Manipulation, and Analysis

   Lect.  Lab  Other  SCH  CIP and Fund Code  Admin. Unit  Acad. Year  EICE Code
   1.00  4.00  0.00  3.00  4507020006  0841  16 - 17  0  0  3  5  3  2

   Approved Recommended by:  
   Dr. Mort Kommer
   Department Head or Program Chair (Type Name & Sign)  Date

   Dr. Robert W. Knight
   Chair, College Review Committee  Date

   Dr. Kim Dooley
   Dean of College  Date

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

   Submitted to Coordinating Board by:
   Associate Director, Curricular Services  Date

   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
Course title and number  ESSM 461  (1-4) 3 credits  
Term  TBD  
Meeting times and location  TBD in HFSB 124  

Course Description  

Undergraduate Catalog:  Relational databases and advanced spatial database capabilities. Types of spatial databases. Structured Query Language including join-types and subqueries. ArcGIS Desktop Advanced. Prerequisite: ESSM 459; junior or senior classification or approval of instructor.

Narrative:  Increasingly job descriptions aimed at spatial science graduates are listing a familiarity with spatial databases and Structured Query Language (SQL) as a qualification desired for the successful applicant. With the huge amounts of data that is currently available via data sharing, it is increasingly important that those data be stored and manipulated efficiently.

SQL is the de facto language used with relational databases. You will learn what a relational database is and why they are important. You already know a little bit of SQL. You have been using it since early in your Intro GIS course when you first learned how to create a “where clause” for attribute selections. Formally those where clauses were parts of “select statements”. In this class you will learn a lot more about where clauses and select statements, and about other types of SQL statements and clauses as well. You will be introduced to programming behind databases, including spatial databases, using a “regular” programming language such as VB or Python. Towards the end of the semester we will shift gears and you will be introduced so some of the additional capabilities that come with spatial databases including the use of what are called topologies and relationship classes.

A few examples of things that you will be able to do when you leave this course that you probably do not already know how to do are to:

- Write a query that includes multiple joins or subqueries to make nationally distributed data accessible for use.
- Write a program that includes a connection string and minimally loops through the records in a record set.
- Conduct operations using ArcGIS Desktop Advanced using an advanced construct such as topologies or geometric networks.

Prerequisites  
ESSM 459 or equivalent, junior or senior classification or approval of the instructor.
Learning Objectives

1. Spatial Science
   - Explain why shapefiles are inefficient in terms of storage and how joined tables can reduce storage.
   - Demonstrate the ability to use tools available only in ArcGIS Desktop Advanced.

2. Critical and analytical thinking
   - Demonstrate the ability to think logically by implementing that logic programmatically.

3. Lifelong learning
   - Demonstrate the ability to find and use online documentation and to use the “help” that is available with languages and applications.

Instructor Information

Name     Marian Eriksson
Number   979/224-2648
Email     m-eriksson@tamu.edu
Office Hours  Friday 2:00—4:00 Centeq
Location   320 HFSB, 232 Centeq

Required Text (Tentative)


Note: This book is quite dated but the examples should still be fundamentally good. If I cannot find a suitable alternative I should still be able to use the relevant examples perhaps, with an addendum of version-related corrections. The book is available as a PDF; it is of the “read-a-little type-a-little” variety. I used it eight or so years ago for part of a graduate-level 689 and the students thought it to be quite useful.

Additional Reading

- Materials on the course web-site.
- Online documentation and “help” articles.

Grading

- In-class assignments 25%
- Building a GDB “exercises” 20%
- Regular homework assignments 35%
- Quizzes 20%

The lab portion of this course is very interactive. It can only be interactive if you participate. Participation will be assessed based on a combination of simple attendance and of the submission of work completed during the in-class work sessions (labs).
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

“An Aggie does not lie, cheat, or steal, or tolerate those who do.”
For additional information please visit: http://aggiehonor.tamu.edu

As commonly defined, plagiarism consists of passing off as one’s own the ideas, words, writings, etc., which belong to another. In accordance with this definition, you are committing plagiarism if you copy the work of another person and turn it in as your own, even if you should have the permission of that person. If you have any questions regarding plagiarism, please consult the latest issue of the Texas A&M University Student Rules, under the section “Scholastic Dishonesty.” You may also contact the Texas A&M Writing Center's website for guidance on how to avoid plagiarism: http://uwc.tamu.edu/. Allowing someone to copy your work is a violation of the Aggie Honor Code. Refer to the new office Aggie Honor System website and learn the "definitions of academic misconduct": http://aggiehonor.tamu.edu/RulesAndProcedures/HonorSystemRules.aspx#definitions
<table>
<thead>
<tr>
<th>Week</th>
<th>Class &amp; Laboratory Topics</th>
<th>Required Reading</th>
<th>Due (Thurs.)</th>
<th>Build GDB</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Housekeeping; why; relational databases; some basics. SSSURGO to give a hint as to what’s to come.</td>
<td>Syllabus / Course web-site</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Normal form; types of Spatial Databases</td>
<td>Course web-site</td>
<td>HW #01</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SQL data manipulation statements; quotes, spaces, brackets; in, like, etc.; Query wizard</td>
<td>Course web-site</td>
<td>HW #02</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>SQL in ArcMap; Indexes, primary/local and foreign keys; Begin joins</td>
<td>Course web-site</td>
<td>HW #03</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Analyze joins</td>
<td>Course web-site</td>
<td>HW #04</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Analyze joins</td>
<td>Course web-site</td>
<td>HW #05</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Query &amp; table views, query layers; Begin a little programming behind a database; Connection strings (simplest)</td>
<td>Course web-site</td>
<td>HW #06</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>A little more programming behind a database.</td>
<td>Course web-site</td>
<td>HW #07</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Begin working with ArcGIS Desktop Advanced</td>
<td>Course web-site; GDB</td>
<td>HW #08</td>
<td>1, 2, 3</td>
</tr>
<tr>
<td>10</td>
<td>Topologies</td>
<td>Course web-site; GDB</td>
<td>HW #09</td>
<td>4</td>
</tr>
<tr>
<td>11</td>
<td>Subtypes and attribute domains</td>
<td>Course web-site; GDB</td>
<td>HW #09</td>
<td>5</td>
</tr>
<tr>
<td>12</td>
<td>Relationship classes</td>
<td>Course web-site; GDB</td>
<td>HW #10</td>
<td>8, 9</td>
</tr>
<tr>
<td>13</td>
<td>Geometric networks</td>
<td>Course web-site; GDB</td>
<td>HW #11</td>
<td>10, 12</td>
</tr>
<tr>
<td>14</td>
<td>Managing annotations</td>
<td>Course web-site; GDB</td>
<td>HW #13</td>
<td>13</td>
</tr>
<tr>
<td>Final</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Brown shading indicates quiz weeks. Quizzes will most likely be short, open- everything-except-your-neighbor in-class quiz on Thursday or an extended homework that will count against both a homework grade and the quiz grade. The exact format will be announced in class at least a week beforehand. This is true of the “final” as well.

1 Lab topics will follow hand-in-hand with the lecture topics.
2 May change if we adopt a textbook for SQL.
3 The final (quiz) will most likely be a last extended homework assignment due on the day of the scheduled final.
Response from Comp Sci. They are good with the course.
Bob

From: John Keyser
Sent: Wednesday, September 30, 2015 1:41 PM
To: Merwyn Kothmann <m-kothmann@tamu.edu>
Cc: Da Silva, Dilma M <dilma@cse.tamu.edu>
Subject: RE: Request review and response on proposed new course

Hi,

Sorry about the delayed followup. We did go over the class in our Undergrad Curriculum Committee (UGCC) today.

We don’t have any conflict with the topics in the course. While we have other courses with spatial components (e.g. CSCE 452) or databases (e.g. CSCE 310), the topics are quite a bit different.

When we have other “computing” courses that come up we usually ask for a few things: a) material specific to the major/department it’s being offered in both the course description and schedule (which this course has), b) a notation in the prerequisites that it is intended for those in the major (the ESSM 459 prerequisite basically does this implicitly), and c) a title that reflects that the material is intended for the major/department (e.g. including “for Biomedical Engineers” or the like). The UGCC felt that “for Data Storage, Manipulation, and Analysis” was overly broad, and asked that you consider modifying the title to be more specific to the department/major. (Realistically, I don’t know how much this matters given that ESSM 459 already has a rather general title).

Please let me know if you need a formal acknowledgement or something from us.

As far as our own students wanting the course, the primary mechanism by which they’d do so would be through the “supporting area” part of our degree. In this case, students have to follow an approved 12 hour sequence of courses outside of our department. There are several considerations that go into approving a supporting area (including not having too much overlap with existing CSCE topics, being sufficiently advanced work, etc.). If we were to identify a full supporting area that included the course, there might be a few students who would then want to take that option and therefore the course. But, unless/until such an area was set, we probably would not have students taking the course.

This is just for my own knowledge, but how do you see ESSM 459/461 interacting with GEOG 390/392?

- John

From: Merwyn Kothmann
Sent: Monday, September 14, 2015 2:18 PM
To: Rich Metters (rmetters@mays.tamu.edu); John Keyser
Cc: Marian Eriksson; Katy Kavanagh; Robert Knight
Subject: Request review and response on proposed new course

Drs. Metters and Keyser,
The Department of Ecosystem Science and Management is proposing a new course (syllabus attached) that focuses on teaching undergraduate students to use SQL for applications related to working with spatial databases. It is designed for students in our Spatial Sciences BS program. Dr. Marian Eriksson will be the instructor for this course.

Do you see any conflict between this proposed course and the courses you offer? Also, do you anticipate that there would be any students in your programs who would be interested in enrolling in the course.

Thanks for considering this request. I look forward to receiving your response.

Mort
Dr. M. M. (Mort) Kothmann, Professor and Assoc. Dept. Head
Department of Ecosystem Sciences and Management
Texas A&M University
2126 TAMU
College Station, TX 77843-2126

Office: 979-845-5575
Cell: 979-229-7410
Fax: 979-845-6430
Email: m-kothmann@tamu.edu
Here is the response from Dr. Metters. They are good with the course. This should be it for ESSM 461.

Bob

Dr. Robert Knight
Texas A&M University
122B Kleberg
2126 TAMU
College Station, TX 77843-2126

Cell: 979-324-6980
Office: 979-845-5557

Certified Professional Soil Scientist
Certified Professional in Rangeland Management

Correct.

Rich, thank you for your prompt response. I interpret your response to mean that you will not protest this course when it comes through for approval. Is that correct?

Mort
From: Metters, Rich [mailto:rmetters@mays.tamu.edu]
Sent: Monday, September 14, 2015 3:08 PM
To: Merwyn Kothmann <m-kothmann@tamu.edu>
Subject: RE: Request review and response on proposed new course

The first half of your course overlaps quite a bit with what we cover in ISYS 315 (at least with regards to SQL and connection strings). The second half of the course is much more specific to GIS, which we do not cover.

I do not believe that overlap constitutes a “conflict”, though I would not wish to give academic credit to someone taking both classes.

Richard Metters
Head, Department of Information Systems and Operations Management
Tenneco Professor
Mays Business School
Texas A&M University
979 845 1148

From: Metters, Rich
Sent: Monday, September 14, 2015 2:33 PM
To: Becker, Aaron <abecker@mays.tamu.edu>
Subject: FW: Request review and response on proposed new course

Your take?

From: Merwyn Kothmann [mailto:m-kothmann@tamu.edu]
Sent: Monday, September 14, 2015 2:18 PM
To: Metters, Rich <rmetters@mays.tamu.edu>; John Keyser <keyser@cse.tamu.edu>
Cc: Marian Eriksson <m-eriksson@tamu.edu>; Katy Kavanagh <katyk@tamu.edu>; Robert Knight <bob-knight@tamu.edu>
Subject: Request review and response on proposed new course

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Thanks for considering this request. I look forward to receiving your response.

Mort
Dr. M. M. (Mort) Kothmann, Professor and Assoc. Dept. Head
Department of Ecosystem Sciences and Management
Texas A&M University
2126 TAMU
College Station, TX 77843-2126
CHANGE IN CURRICULA

FROM SEPTEMBER 2015 UCC MEETING
CHANGE IN CURRICULUM

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
DEPARTMENT OF ECOSYSTEM SCIENCE AND MANAGEMENT
BS IN SPATIAL SCIENCES
Texas A&M University
Request for a Change in Curriculum

1. Request change for:  ☐ Degree Program  ☐ Minor  ☐ Certificate

2. Request submitted by (Department or Program Name):
   Ecosystem Science and Management

3. Program Designation and Name
   (e.g., B.A. in History, Minor in History, Certificate in European Union):
   B.S. in Spatial Sciences

4. Brief description of change: Changed the Ecosystem Science and Management Core to decrease required hours to allow more flexibility in the Major Core Courses

5. Rationale for change: The changes will allow the students to take more courses that will support their major and desired job.

Use the checkboxes below to make sure that all information is included.

6. 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? http://www.thecb.state.tx.us/index.cfm?objectid=A0F9F7FA-9A92-4F11-2756AD3BBF01D60 ☐ Yes  ☐ No

8. 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:

Dr. Mort Kollmair  8/23/15
Department Head or Program Chair (Type Name & Sign)  Date

Dr. Robert Knight  8/6/15
Chair, College Review Committee  Date

Dr. Kim Dooley  8/14/15
Dean of College  Date

Dr. Tim Scott  8/6/15
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 - 07/12
Required Courses.......................................................................... (Th-Pr) Cr

AGEC 105 Introduction to Agricultural Economics............................ (3-0) 3
BIOL 101 Botany........................................................................ (3-3) 4
or
BIOL 113 Essentials of Biology
HORT 201 Horticultural Science and Practices and HORT 202 Hort. Sci. and Pract. Lab
CHEM 101 and 111 Fundamentals of Chemistry I and Lab................... (3-3) 4
RENR 215 Fundamentals of Ecology Lab...................................... (0-3) 1
American History electives .......................................................... 6
Communication electives ............................................................. 6
Creative Arts elective ................................................................. 3
Government/Political Science electives ....................................... 6
Language, Philosophy and Culture elective .................................. 3
Mathematics electives (MATH prefix required)............................... 6

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Ecosystem Science and Management
Core Courses

ESSM 201 Exploring Ecosystem Science and Management.................. (1-0) 1
ESSM 301 Wildland Watershed Management.................................... (2-2) 3
ESSM 306 Plant Functional Ecology and Adaptation ....................... (3-0) 3
or
ESSM 311 Biogeochemistry and Global Change................................ (3-0) 3
ESSM 313 Vegetation Sampling Methods and Designs of Ecosystems... (2-2) 3
ESSM 351 Geographic Information Systems and Resource Management (2-2) 3
ESSM 481 Senior Seminar .......................................................... (1-0) 1
RENR 205 Fundamentals of Ecology............................................. (3-0) 3
SCSC 301 Soil Science .............................................................. (3-2) 4

21

Spatial Sciences
Core Curriculum

ESSM 203 Forest Trees of North America........................................ (2-2) 3
or
ESSM 302 Wildland Plants of North America.................................. (2-2) 3
ESSM 317 Vegetation Management............................................... (3-0) 3
or
ESSM 319 Principles of Forestry.................................................. (3-3) 4
or
ESSM 320 Ecosystem Restoration and Management........................ (3-0) 3
ESSM 459 Spatial Databases and Programming ............................................ [2-2] 3
ESSM 461 GeoDatabases for Data Storage, Manipulation, and Analysis ........ [1-4] 3
ESSM 462 Advanced GIS ........................................................................... [2-2] 3
ESSM 464 Spatial Project Management ...................................................... [2-2] 3

Choose two:
  AGEC 350 Environmental and Natural Resources Economics ................ [3-0] 3
  ESSM 318 Coupled Social and Ecological Systems ................................ [3-0] 3
  ESSM 404 Changing Natural Resources Policies .................................. [3-0] 3
  ESSM 406 Natural Resources Policy .................................................... [3-0] 3
  RENR 470 Environmental Impact Assessment ..................................... [3-0] 3

Emphasis Area electives ¹ ......................................................................... 24
Free electives ............................................................................................ 6

Total hours for the Spatial Science Degree .............................................. 120

NOTES:
¹ To be selected in consultation with an advisor.
² The graduation requirements include a requirement for 6 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. See academic advisor.
³ Credit by examination may be used to substitute for 3 hours of POLS 206 or POLS 207.
Total Semester Credit Hours

1 To be selected in consultation with an advisor.

2 The Graduation requirements include a requirement for 6 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. See academic advisor.

3 Credit by examination may be used to substitute 3 hours of POLS 206 or POLS 207.
Bachelor of Science – Spatial Sciences

2015-2016

Ecosystem Science and Management Core Courses

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<td>Plant Functional Ecology and Adaptation</td>
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<td>Biogeochemistry and Global Change</td>
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Spatial Science Core Courses

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Directed electives 1  15

Free electives 10

University Core Curriculum

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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 SPSE (Agr & Life Science)
Campus: College Station
College: Agriculture & Life Sciences
Degree: Bachelor of Science
Level: Undergraduate
Majors: Spatial Sciences
Departments: Ecosystem Science & Mgmt

Catalog Term: Fall 2015 - College Station
Evaluation Term: Fall 2015 - College Station
Expected Graduation Date: 
Request Number: 11
Results as of: Jul 29, 2015
Minors: 
Concentrations: 

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Other Course Information

Transfer: 0.000

This is NOT an official evaluation.

Area: Major Coursework (39.000 credits) - Not Met

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https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption

7/29/2015
## Detail Requirements

### Unofficial Evaluation

**Area:** Supporting Coursework (14,000 credits) - Not Met

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**Total Credits and GPA:** 0.000 0.00

### Unofficial Evaluation

**Area:** Emphasis Area Electives (18,000 credits) - Not Met

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**Total Credits and GPA:** 0.000 0.00

### Unofficial Evaluation

**Area:** Communication (6,000 credits) - Not Met

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https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption

7/29/2015
unofficial evaluation

Area: Mathematics (6.000 credits) - Not Met
Description: MATH prefix required.

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unofficial evaluation

Area: Life and Physical Science (9.000 credits) - Not Met

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unofficial evaluation

Area: Language, Philosophy & Culture (3.000 credits) - Not Met

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unofficial evaluation

Total Credits and GPA 0.000 0.00

unofficial evaluation

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unofficial evaluation

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unofficial evaluation

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<td>Met Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source</td>
</tr>
<tr>
<td>No A. American History Rqmt 6hrs Select from any course with the [KHIS] attribute.</td>
</tr>
<tr>
<td>No AND B. Political Science Rqmt 6hrs Take POLS 206 and POLS 207.</td>
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unofficial evaluation

<table>
<thead>
<tr>
<th>Area : General Electives (30.000 credits) - Not Met</th>
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<tr>
<td>No A. General Electives 18hrs</td>
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https://compass-ssb.tamu.edu/pls/PROD/bwckcapp.P_VerifyDispEvalViewOption

7/29/2015
unofficial evaluation

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<th>Work Not Applied - Met</th>
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<td>Description :</td>
<td>See advisor for acceptable substitutions.</td>
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<tr>
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<td>Condition Rule Subject Attribute Low High Required Credits Required Courses Term Subject Course Title Attribute Credits Grade Source</td>
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unofficial evaluation

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<th>University Writing Requirement - Not Met</th>
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<td>A.</td>
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unofficial evaluation

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<td>A.</td>
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unofficial evaluation

| Area : | Foreign Language - Not Met |

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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>
<td>No</td>
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<td></td>
<td></td>
<td>Foreign Language Reqmt</td>
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<td></td>
<td>Complete one of the following:</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td>1. Two years of the same foreign language in High School.</td>
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<td></td>
<td>2. A two semester sequence of the same foreign language for University credit.</td>
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<td>Total Credits and GPA 0.000 .00</td>
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unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>Residence Requirement - Not Met</th>
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<tbody>
<tr>
<td>Description</td>
<td>A minimum of 36 hours of 300-400 level coursework must be completed at Texas A&amp;M University. 12 hours must be in the major field.</td>
</tr>
</tbody>
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<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 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>
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</thead>
<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td></td>
<td></td>
<td>Residence - Major 12hrs</td>
<td></td>
<td></td>
<td>Select 12hrs from AGEC 398, AGRO 301, 310; AGEN 352, 410; BESC 483; CHSC 110, 206, 310; CIVEN 201; ENGR 370; FRSC 306, 398, 400, 461, 487; GEOL 330, 360, 390, 398, 395; GEOG 352, \AND 461; MGMT 209, 303; PHIL 344; PLAN 365; RENR 375, 400, 410, 444, 470; RBEM 301; RSTS 307; STAT 212; WGST 375; WPSCS 303, 428.</td>
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<td>Total Credits and GPA 0.000 .00</td>
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unofficial evaluation

<table>
<thead>
<tr>
<th>Area</th>
<th>GPR-Major - Not Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>A minimum of GPR of 2.00 is required in all major field of studies courses.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Met</th>
<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>
<td>No</td>
<td>A.</td>
<td></td>
<td></td>
<td>Major GPR 3.0 - 4.0hrs</td>
<td></td>
<td></td>
<td>Includes ESSM 300-499; RENR 205, 215, 410.</td>
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<td></td>
<td>Total Credits and GPA 0.000 .00</td>
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</tbody>
</table>

unofficial evaluation

Back to Display Options

CHANGE IN CURRICULUM

COLLEGE OF AGRICULTURE AND LIFE SCIENCES
DEPARTMENT OF ECOSYSTEM SCIENCE AND MANAGEMENT
MINOR IN SPATIAL SCIENCES
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.)

□ Degree Program  ☐ Minor  □ Certificate

2. Request change for:

3. Request submitted by (Department or Program Name):

Program Designation and Name: Ecosystem Science and Management

(e.g., B.A. in History, Minor in History, Certificate in European Union):

Minor in Spatial Sciences

4. Brief description of change:
Deleting capstone course as required and adding new courses.

5. Rationale for change:
The faculty decided that minors do not have adequate background for the capstone course. We are adding proposed new courses to the minor selection list.

Use the checkboxes below to make sure that all information is included.

6. Proposed curriculum attached.  ☐ Yes  □ No

7. Current catalog curriculum with handwritten edits attached.  ☐ Yes  □ No

8. Current Howdy degree evaluation with handwritten edits attached.  ☐ Yes  □ No

Please make sure the attached proposed curriculum, catalog and Howdy degree evaluation match.

9. Will degree program hours change (increase/decrease) due to the proposed curriculum changes? □ Yes  ☐ No

If yes, degree program hours will change from:  to:

If yes, is the Texas Higher Education Coordinating Board form attached?  ☐ Yes  □ No

http://www.thecb.state.texas.us/index.cfm?objectid=A010107E-A924-11E1-8111-2756A133B6F1

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.

Approved recommended by:

Dr. Kim Dooley, Dean of College

Date

Dr. Robert Knight, Chair, College Review Committee

Date

Dr. Kim Dooley

Date

Dr. Tim Scott

Date

Chair, GC or UCC

Date

Questions regarding this form should be directed to Curricular Services at 365-8201 or curricular.services@tamu.edu
Curricular Services – 04/14

RECEIVED
AUG 18 2015
CURRICULAR SERVICES
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSM 444</td>
<td>Remote Sensing of the Environment</td>
<td>3</td>
</tr>
<tr>
<td>ESSM 462/GEOG 462</td>
<td>Advanced GIS Analysis for Natural Resource Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSM 351</td>
<td>Geographic Information Systems for Resource Management</td>
</tr>
<tr>
<td>GEOG 390</td>
<td>Principles of Geographic Information Systems</td>
</tr>
<tr>
<td>RENR 405</td>
<td>GIS for Environmental Problem Solving</td>
</tr>
</tbody>
</table>

Select two of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSM 459</td>
<td>Spatial Databases and Programming</td>
</tr>
<tr>
<td>ESSM 460</td>
<td>Spatial Data Acquisition with Field Methods</td>
</tr>
<tr>
<td>ESSM 464</td>
<td>Spatial Project Management</td>
</tr>
<tr>
<td>GEOL 352/GEOG 352</td>
<td>GNSS-in-the Geosciences</td>
</tr>
</tbody>
</table>

Total Semester Credit Hours: 15

Students must complete a minimum of 6 hours in residence at the 300-400 level.

Students must maintain a 2.0 or above in minor curriculum.

Additional course: ESSM 461 GeoDatabases for Data Storage, Manipulation, and Analysis.
Updated
Minor Field of Study
in
Spatial Sciences

A selection from among the following courses will constitute a minor field of study. (Note: the College of Agriculture and Life sciences requires a C or better in any course used for the minor.)

Select 15 hours from the following courses:

<table>
<thead>
<tr>
<th>Select from ESSM 351, GEOG 390, RENR 405 (3 hours) <strong>required</strong></th>
<th>ESSM 459 (3 hrs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESSM 444 (3 hours) <strong>required</strong></td>
<td>ESSM 460 (3 hrs) delete not taught</td>
</tr>
<tr>
<td>ESSM 462 (3 hours) <strong>required</strong></td>
<td>ESSM 461 (3 hrs) add new course</td>
</tr>
<tr>
<td></td>
<td>ESSM 464 (3 hrs)</td>
</tr>
<tr>
<td></td>
<td>GEOG/GEOL 352 (3 hrs)</td>
</tr>
</tbody>
</table>

-Minimum of 15 hours required
-Must maintain a 2.0 or above in minor curriculum.

** Note: RENR 205/215 and BIOL (any course) are prerequisites for several of the classes required for the minor in Forest Science. Students must satisfy these prerequisites or have approval from the instructor prior to taking a class.
**Area:** Spatial Sciences Minor (15,000 credits) - Not Met

**Description:** Minimum of 6 hours at 300-400 level.
Minimum of a 2.0 GPA.
No grade lower then a 'D'.

<table>
<thead>
<tr>
<th>Met</th>
<th>Condition</th>
<th>Rule</th>
<th>Subject</th>
<th>Attribute</th>
<th>Low High Required</th>
<th>Required Term</th>
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<tbody>
<tr>
<td>No</td>
<td>A.</td>
<td>ESSM</td>
<td>444</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>B.</td>
<td>ESSM</td>
<td>462</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>C.</td>
<td>Technical Electives</td>
<td>1 3hrs</td>
<td>Select 3 hours from ESSM 351; ESSM 355; RENR 405.</td>
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<tr>
<td>No</td>
<td>AND</td>
<td>D.</td>
<td>Technical Electives</td>
<td>II 6hrs</td>
<td>Select 6 hours from ESSM 459; 460; 464; GEOL/GEOG 352.</td>
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Total Credits and GPA: [46]  

Unofficial Evaluation