Course Proposal: Modify

CID and Name:
10024266----Van Kley, James

1. Course: **BIO 225 Local Flora**

2. Term/Year: **Fall 2014**

3. CIP CODE/10 Digit Program Code: **2603010002**

4. Current Course Title: **Local Flora**
Modified Course Title: **Local Flora or Fauna**

5. Modified Long Course Title:

6. What is the primary reason you are modifying this course:
Modifications to fit the new core

7. Enter course description exactly as it will appear in the general/graduation bulletin:
Three semester hours, two hours lecture, three hours lab per week. Field and laboratory studies of common local ferns, conifers, and wildflowers. Recommended for biology and non-biology majors. Required field trips, travel, and lab fees.

8. Enter modified course description exactly as it will appear in the general/graduation bulletin:
Three semester hours, two hours lecture, three hours lab per week.Field studies of local plants, animals, or fungi and their native habitats. Different offerings of the course will emphasize different organismal groups, e.g., plants, birds, reptiles, amphibians, arthropods, mammals, fish, or fungi. Required Required field trips, travel, and lab fees.

9. Current Prerequisites:
N/A

10. Modified Prerequisites:
N/A

11. College: **College of Science/Mathematics**

12. Department Teaching Course: **Biology**

13. Instruction Type: **N/A**

14. Modified Credit Hours Maximum: **N/A**

Credit Hours Minimum: **N/A**

Maximum Hours counted toward degree: **N/A**

15. Maximum contact hours each week Fall Semester: **N/A**

16. May this course be taken more than one time each semester? **N/A**

17. Grade Type: **N/A**

18. Describe the place of the modified course within your current curriculum. (Will it be elective or required? Part of a major or a minor?)

NA

19. How does the modified course differ from similar courses being offered at Stephen F. Austin?

NA

20. Syllabus: Course Learning Goals

List course objectives; describe what students who complete the course will now or be able to do.

After successful completion of this course students will be able to 1) identify and describe local natural habitat types within the East Texas Pineywoods ecoregion, 2) Become able to indentify local organisms and use technical keys and scientific field guides to aid identification. 3) Become able to communicate the ecosystem roles of selected organisms and their significance, 4) Become acquainted with current approaches to biological classification and the major lineages of the organisms covered, 5. Become familiar with methods of biological collections and their importance to society.

21. Syllabus: Course Outline

List the topics that the proposed course will cover and indicate the approximate proposed amount of time to be devoted to each, either by percent of course time or number of weeks. Please indicate which topics will be required in all sections of the course and which may vary.

A) Introduction to EastTexas and the Pineywoods ecoregion (5%) B) Systematics and taxonomy (20%) Biological classification: common names, scientific names, higher level categories. Lineages, phylogenies, & evolutionary trees. C) Scientific communication (5%) D) Biological collections (10%) Importance to society: research collections, teaching collections, public displays Preservation & archival techniques. E) Natural & semi-natural East Texas Ecosystems (20%) F) Selected groups of East Texas plants, animals, or fungi (Type of organism varies per instructor) (40%)

22. Any Other Information.

NA

----Course Syllabus----
Must accurately reflect the course syllabus. (N/A is not acceptable response)

23. Program Learning Outcomes
List the program learning outcomes addressed in this course as identified in the course matrix for your degree program. If your department requires a listing of all Program Learning Outcomes (PLOs) on the syllabus, please identify those that are directly taught in this course. If this is a general education core curriculum course and no PLOs are taught in this course then insert the following statement under this heading:

This is a general education core curriculum course and no specific program learning outcomes for this major are addressed in this course.

This is a general education core curriculum course and no specific program learning outcomes for this major are addressed in this course.

24. General Education Core Curriculum Objectives/Outcomes
List the Exemplary Educational Objectives (EEOs) for this course if the course is included in the general education core curriculum. If you have reworded the EEOs as outcomes for your course, please be sure that the original intent of the EEO is retained.

CO 1. Critical thinking: to including creative thinking, innovation, inquiry, and analysis, evaluation, and synthesis of information. (SLOs 1–7) CO 2. Communication skills: to include effective development, interpretation, and expression of ideas through oral and visual communication. (SLOs 3, 5, 7) CO 3. Empirical and quantitative skills: to include the manipulation and analysis of numerical data or observable facts resulting in informed conclusions. (SLOs 2, 4, 7) CO 4. Teamwork: to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal. (SLO 8)

25. Student Learning Outcomes
List all student learning outcomes (SLOs) for this course including the course specific student learning outcomes that support the PLOs above. In general, SLOs in a course that support the PLOs are specific and include the exact knowledge, skill or behavior taught in the course that supports the more global PLOs. For additional information on meaningful and measurable learning outcomes see the assessment resource page http://www.sfasu.edu/assessment/index

SLO 1. Become able to identify and describe local natural habitat types within the East Texas Pineywoods ecoregion. SLO 2. Become able to use technical keys and scientific field guides to identify organisms on the basis of measurements and observations using appropriate equipment. SLO 3. Become able to communicate the ecosystem roles of selected organisms and their significance to mankind in written form. SLO 4. Develop an understanding of the relationship between form and function. SLO 5. Become acquainted with current approaches to biological classification and the major lineages of the organisms covered and able to express this understanding in written and visual form. SLO 6. Become familiar with methods of biological collections and their importance to society. SLO 7. Become able to understand and generate graphs, charts, summary statistics, and/or scientific illustrations. SLO 8. Develop teamwork skills by working in groups to complete lab exercises, conduct fieldwork, make identifications, and resolve differences.

26. Syllabus: Modified Textbook/Assigned Reading Materials for course:

Text and Materials: Varies with instructor. Includes relevant field guides and/ or identification manuals such as the following: Diggs et al 2006. Flora of East Texas vol 1. Marshall, S. 2006. Insects: Their Natural History and Diversity, with a Photographic Guide to Insects of Eastern North America.

27. Course Requirements
Describe the major course requirements, assignments, examinations, projects.

Two lecture tests, a final examination, and an oral communication assignment.

28. Course Calendar
Create a tentative timeline for the course. At a minimum, list the topics that the course will cover and indicate the approximate amount of time to be devoted to each, either by percent of course time or number of weeks. The calendar should provide information for the maximum number of weeks scheduled for the course.

A) Introduction to EastTexas and the Pineywoods ecoregion (5%) B) Systematics and taxonomy (20%) C) Scientific communication (5%) D) Biological collections (10%) E) Natural & semi-natural East Texas Ecosystems (20%) F) East Texas plants, animals, or fungi (Type of organism varies per instructor) (40%)

29. Grading Policy
Describe how the grade for the course is determined.

The lecture and laboratory portions of this course each count for 50% of the final course grade. A standard grading scale will used (A = 100–90%; B = 89–80%; C = 79–70%; D = 69–60%; F < 60%).

30. Attendance Policy
State your attendance policy.

Good attendance is crucial to doing well in this class and attendance will be monitored regularly. Specific policies and procedures regarding absences will vary with instructor.

31. Academic Integrity (A-9.1)

Academic integrity is a responsibility of all university faculty and students. Faculty members promote academic integrity in multiple ways including instruction on the components of academic honesty, as well as abiding by university policy on penalties for cheating and plagiarism.

Definition of Academic Dishonesty
Academic dishonesty includes both cheating and plagiarism. Cheating includes but is not limited to (1) using or attempting to use unauthorized materials to aid in achieving a better grade on a component of a class; (2) the falsification or invention of any information, including citations, on an assigned exercise; and/or (3) helping or attempting to help another in an act of cheating or plagiarism. Plagiarism is presenting the words or ideas of another person as if they were your own. Examples of plagiarism are (1) submitting an assignment as if it were one's own work when, in fact, it is at least partly the work of another; (2) submitting a work that has been purchased or otherwise obtained from an Internet source or another source; and (3) incorporating the words or ideas of an author into one's paper without giving the author due credit.

Please read the complete policy at http://www.sfasu.edu/policies/academic_integrity.asp

32. Withheld Grades Semester Grades Policy (A-54)

Ordinarily, at the discretion of the instructor of record and with the approval of the academic chair/director, a grade of WH will be assigned only if the student cannot complete the course work because of unavoidable circumstances. Students must complete the work within one calendar year from the end of the semester in which they receive a WH, or the grade automatically becomes an F. If students register for the same course in future terms the WH will automatically become an F and will be counted as a repeated course for the purpose of computing the grade point average.

33. Students with Disabilities

To obtain disability related accommodations, alternate formats and/or auxiliary aids, students with disabilities must contact the Office of Disability Services (ODS), Human Services Building, and Room 325, 468-3004 / 468-1004 (TDD) as early as possible in the semester. Once verified, ODS will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. Failure to request services in a timely manner may delay your accommodations. For additional information, go to http://www.sfasu.edu/disabilityservices.

Dept. Chair _____ Date: 11/20/13

College Curriculum Chair _____ Date: _____

Dept. Dean _____ Date: _____

College Curriculum Dean _____ Date: _____

RELEASE: 8.3

Course Proposal: Modify

CID and Name:
10024266----Van Kley, James

1. Course: **BIO 225L Local Flora Lab**

2. Term/Year: **Fall 2014**

3. CIP CODE/10 Digit Program Code: **2603010002**

4. Current Course Title: **Local Flora Lab**
Modified Course Title: **Local Flora or Fauna Lab**

5. Modified Long Course Title:

6. What is the primary reason you are modifying this course:
Modifications to fit the new core

7. Enter course description exactly as it will appear in the general/graduation bulletin:
Three semester hours, two hours lecture, three hours lab per week. Field and laboratory studies of common local ferns, conifers, and wildflowers. Recommended for biology and non-biology majors. Required field trips, travel, and lab fees.

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9. Current Prerequisites:
N/A

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N/A

11. College: **College of Science/Mathematics**

12. Department Teaching Course: **Biology**

13. Instruction Type: **N/A**

14. Modified Credit Hours Maximum: **N/A**

Credit Hours Minimum: **N/A**

Maximum Hours counted toward degree: **N/A**

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17. Grade Type: **N/A**

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NA

19. How does the modified course differ from similar courses being offered at Stephen F. Austin?

NA

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21. Syllabus: Course Outline

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A) Systematics and taxonomy introduction (5%) B) Organism identification techniques (25%) C) Weekly Field trips to document, describe, and/or sample native species in their habitats (70%)

22. Any Other Information.

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27. Course Requirements
Describe the major course requirements, assignments, examinations, projects.

Weekly laboratory excercises and/or quizes and a laboratory Final.

28. Course Calendar
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Dept. Chair Janet Moore Date: 11/20/13

College Curriculum Chair _____ Date: _____

Dept. Dean _____ Date: _____

College Curriculum Dean _____ Date: _____

RELEASE: 8.3