

ANFS x66 Independent Study
Department of Animal and Food Science

ANFS 266, 366, 466 and 666 are normally used by students to acquire knowledge of a subject area not available in the regular curriculum. Independent study credits are not awarded for teaching activities. The Independent Study should be related to the instructor's area of expertise and may involve a library paper or a laboratory or field research experience. Independent study during any one semester should be limited to 3 credits. A maximum of 5 credits of independent study (266, 366, 466 and 666) will be accepted toward the total number of credit hours required for the major.

Student Learning Goals:

1. Think critically; use quantitative reasoning, skeptical inquiry and the scientific approach to solve problems in animal and food sciences.
2. Effectively communicate scientific ideas orally and through writing
3. Demonstrate knowledge of major scientific concepts, social, economic and ethical implications in the animal and food sciences
4. Work collaboratively and independently, learning from diverse perspectives to assimilate knowledge and synthesize new solutions and ways of thinking.

Responsibilities/Requirements:

1. Applicants should be of sophomore or higher standing in their studies.
2. It is anticipated that the student will expend a minimum of 2 hours per week for each credit hour received.
3. The student, in cooperation with the instructor will develop an appropriate subject for the project.
4. Weekly meetings should be scheduled between the student and instructor.
5. A final product of the acquired knowledge in the form of an acceptable manuscript and/or final examination should be completed by the student.

Grading for the course:

Both the student and instructor must be fully aware of the grading basis and of what is required and expected by each, prior to the initiation of the independent study. Grading will be determined by the instructor and project chosen.

FOR OFFICE USE:

THESE FORM MUST BE COMPLETED AND SIGNED BEFORE CLASS IS ENTERED INTO UDSIS

Original: Student Copy: Faculty Supervisor: Department File

(Titling Form also required)

ANFS x66 Independent Study
Department of Animal and Food Science

Title _____ Semester _____

Student Name _____ Student Year (FR, SO, JR, SR) _____

ANFS ____ 66 Letter Grade or P/F (*Circle one*) Credit hours: _____ (1 credit = a minimum of 40 hours of work)

Faculty Supervisor _____ Student UD ID _____

Student Email _____

Please briefly describe the objectives of this project. Use the back of this page if more space is needed.

Basis for Grade Determination (A final paper or exam is required)

Exams (list type – oral, practical, etc)	% of Final Grade
1. _____	_____
2. _____	_____
3. _____	_____

Term Paper, Report, etc.

_____	_____
_____	_____

Other Responsibilities (notebook, etc.)

_____	_____
_____	_____

Signatures:

Student: _____

Faculty Supervisor: _____

Department Chair or designee: _____

Entered to UDSIS _____ Initials/ Date

ANFS ASSESSMENT ORAL RUBRIC

COURSE ID: _____

STUDENT YEAR: FR SO JR SR (please circle one)

	Excellent (A)	Good (B)	Average (C)	Needs Improvement (D)	STUDENT GRADE
Content/Knowledge base 30pts	Material presented is accurate and relevant. Excellent use of examples, facts, and/or statistics to provide depth and focus. (30pts)	(25pts)	(22pts)	Material presented contains many inaccuracies and lacks relevance. Examples, facts, and/or statistics are lacking or inappropriate. (20pts)	
Presentation & Delivery 30pts	Effective, direct eye contact. Displays enthusiasm and confidence. Speaks clearly and at an appropriate pace. Does not read support material. (30pts)	(25pts)	(22pts)	No eye contact with audience. Reads from support material. Speaker displays nervousness and has trouble recovering from mistakes. No interest in topic displayed. Talks very fast or speaks too quietly. (20pts)	
Organization 15pts	Presentation is logical and interesting. Captivates audience and flows well. (15pts)	(13pts)	(11.5pts)	Cannot understand presentation because there is no sequence of information. (10pts)	
Language 10pts	Excellent use of appropriate vocabulary. No grammatical errors. (10pts)	(8.5pts)	(7.5pts)	Inappropriate use of vocabulary. Excessive grammatical errors. (6.5pts)	
Visual Aids & Multimedia Support 10pts	Figures, tables, images, and sounds are well prepared, informative, and effective, enhance overall presentation. Excellent balance of text and images. (10pts)	(8.5pts)	(7.5pts)	Figures, tables, images, and sounds are lacking, poorly chosen, and/or distracting. Nearly all text or all aids. (6.5pts)	
Timing 5pts	Within assigned time limits. (5pts)	(4pts)	(3pts)	Excessively long or short. (2pts)	
Total					

Faculty Member, please return this form (or a copy) to the Assessment Committee.

ANFS ASSESSMENT WRITING RUBRIC

COURSE ID: _____

STUDENT YEAR: FR SO JR SR (please circle one)

	Excellent (A)	Good (B)	Average (C)	Needs Improvement (D)	STUDENT GRADE
Content/Ideas 30pts	Writing is confident and clearly focused. It holds the reader's attention. Relevant details enrich writing. (30pts)	(25pts)	(22pts)	Writing does not clearly communicate knowledge. Length is not adequate for development. Reader is left with questions. (20pts)	
Organization 25pts	Writing includes a strong beginning, middle, and end, with clear transitions and a focused closure. (25pts)	(21pts)	(18pts)	Writing is brief and loosely organized. Transitions and closure is weak. (16pts)	
Vocabulary/ Word Choice 25pts	Effective and engaging use of word choice. Writing is skillfully adapted to the audience. (25pts)	(21pts)	(18pts)	Language is vague or flat. Shows limited use of varied word choice. Writer's point of view shows little or vague sense of their audience. (16pts)	
Sentence Fluency 10pts	Consistent variety of sentence structure throughout. (10pts)	(8.5pts)	(7.5pts)	Presence of run-ons or fragments. There is limited variety in sentence structure. (6.5 pts)	
Conventions 10pts	Consistent agreement between parts of speech. No mechanical errors. Creative and effective spelling strategies used. (10pts)	(8.5pts)	(7.5pts)	Errors present in agreement between parts or speech and mechanics. Little evidence of spelling strategies. (6.5pts)	
Total					

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