

**Descriptions — Agriculture
of
Courses**

**475. International Studies in
Agriculture and Natural
Resources**
Spring, Summer. 3 to 9 credits. Ap-
proval of the college. Interdepartmental with
Natural Resources.

Study-travel experience emphasizing contem-
porary problems affecting agriculture in the world,
national, and local communities. Field trips,
case studies, interviews with leading experts,
government officials, community leaders. Super-
vised individual study.

**IDC. The Impact of Animal Resource
Management Upon the World's
Developing Nations**

For course description, see Interdisci-
plinary Courses.

AMERICAN STUDIES AMS

College of Arts and Letters

301. Issues in American Civilization
Fall, Winter, Spring. 3(3-0) May re-
enroll for a maximum of 9 credits. Not appli-
cable to major requirements.

Selected issues in American life past and present,
with materials drawn from such disciplines as
history, social sciences, philosophy, literature and
the arts. Topics vary.

**410. Perspectives in American
Studies**

Fall. 3 credits. Juniors in American
Studies or approval of American Studies Com-
mittee.

Methods and significant works, for majors in the
American Studies program. Offered by members
of the relevant departments.

**411. Problems in American
Civilization**

Winter, Spring. 3 credits. Majors
must re-enroll for a maximum of 6 credits. 410,
Juniors in American Studies or approval of
American Studies Committee.

Seminar approach to selected problems in Ameri-
can life employing the objectives and approaches
of interdisciplinary studies. Offered by members
of relevant departments, for majors in the Ameri-
can Studies program.

**AMERICAN THOUGHT
AND LANGUAGE ATL**

University College

To satisfy the University General Education
requirement, a student must take one course in
each of the following groups. Additional courses
may be taken for elective credit.

1. 121, 131, 141, 151, 161, 171, 181, 191H
2. 122, 132, 142, 152, 162, 172, 182, 192H
3. 123, 133, 143, 153, 163, 173, 183, 193H

101A. Comprehensive English

Fall, Winter, Spring, Summer. 3(3-1)
No student may receive credit in both 101A and
101B. Admission by examination or approval of
department.

Instruction and practice in reading and writing.
Emphasis upon mastery of fundamental skills
needed for a variety of reading and writing
assignments.

101B. Comprehensive English

Fall, Winter, Spring, Summer. 3(3-1)
No student may earn credit in both 101A and
101B. Admission by examination or approval of
department.

Instruction and practice in reading and writing.
Instruction in reading is emphasized.

102. Comprehensive English

Fall, Winter, Spring, Summer. 3(3-1)
101A or 101B.

Continuation of 101 with emphasis on writing
and reading.

103. Comprehensive English

Fall, Winter, Spring, Summer 3(3-1)
102.

Continuation of 102 with emphasis on reading
and writing on American cultural topics.

117. Use of Libraries

Fall, Winter. 1(1-0)

The use of libraries, with emphasis on MSU
Library. Course will stress knowledge and use
of bibliographic and reference resources.

121. American Expression

(111A.) Fall, Winter, Spring, Sum-
mer. 3(3-0) Satisfactory grade on English
proficiency examination or in Comprehensive
English.

Aims to improve the student's ability to read
and write and to acquaint him with his Ameri-
can heritage. Selected reading and theme topics.

122. American Expression

(112A.) Fall, Winter, Spring, Sum-
mer. 3(3-0) Three credits in the first term
of any ATL sequence numbered 121 or above;
or satisfactory performance in Comprehensive
English.

Aims to improve the student's ability to read
and write, and to acquaint him with his American
heritage. Selected reading and theme topics.

123. American Expression

(113A.) Fall, Winter, Spring, Sum-
mer. 3(3-0) Three credits in the second term
of any ATL sequence numbered 121 or above;
or satisfactory performance in Comprehensive
English.

Aims to improve the student's ability to read
and write, and to acquaint him with his Ameri-
can heritage. Selected reading and theme topics.

**131. Major Currents in American
Experience**

(111B.) Fall, Winter, Spring, Summer.
3(3-0) Satisfactory grade on English proficiency
examination or in Comprehensive English.

Investigation into the significance Americans
place on individual search for meaning and its
effect on our American heritage. Subject matter
is the focus for improving reading and writing
abilities.

**132. Major Currents in American
Experience**

(112B.) Fall, Winter, Spring, Summer.
3(3-0) Three credits in the first term of any
ATL sequence numbered 121 or above; or satis-
factory performance in Comprehensive English.

The dreams and realities by which Americans
have been inspired and betrayed are emphasized.
Subject matter is the focus for improving read-
ing and writing abilities.

**133. Major Currents in American
Experience**

(113B.) Fall, Winter, Spring, Summer.
3(3-0) Three credits in the second term of any
ATL sequence numbered 121 or above; or satis-
factory performance in Comprehensive English.

Literary and historical study of the major cul-
tural confrontations among groups and subcul-
tures in America's heterogeneous society. Sub-
ject matter is the focus for improving reading
and writing abilities.

141. American Humanities

(111C.) Fall, Winter, Spring, Sum-
mer. 3(3-0) Satisfactory grade on English
proficiency examination or in Comprehensive
English.

Aims to acquaint the student with his American
heritage with emphasis on artistic and literary
expression; and to improve his ability to read
and write.

142. American Humanities

(112C.) Fall, Winter, Spring, Sum-
mer. 3(3-0) Three credits in the first term
of any ATL sequence numbered 121 or above;
or satisfactory performance in Comprehensive
English.

Aims to acquaint the student with his American
heritage with emphasis on artistic and literary
expression; and to improve his ability to read
and write.

143. American Humanities

(113C.) Fall, Winter, Spring Sum-
mer. 3(3-0) Three credits in the second term
of any ATL sequence numbered 121 or above;
or satisfactory performance in Comprehensive
English.

Aims to acquaint the student with his Ameri-
can heritage with emphasis on artistic and
literary expression and to improve his ability
to read and write.

151. American Minorities

(111D.) Fall. 3(3-0) Satisfactory
grade on English proficiency examination or in
Comprehensive English.

Aims to acquaint the student with the experience
of minorities in America, and to improve his
ability at reading and writing. Selected read-
ings and theme topics.

152. American Minorities

(112D.) Winter. 3(3-0) Three
credits in the first term of any ATL sequence
numbered 121 or above; or satisfactory per-
formance in Comprehensive English.

Aims to acquaint the student with the experience
of minorities in America, and to improve his
ability at reading and writing. Selected read-
ings and theme topics.

153. American Minorities

(113D.) Spring. 3(3-0) Three
credits in the second term of any ATL sequence
numbered 121 or above; or satisfactory per-
formance in Comprehensive English.

Aims to acquaint the student with the experience
of minorities in America, and to improve his
ability at reading and writing. Selected read-
ings and theme topics.

161. American Radical Thought

(111E.) Fall. 3(3-0) Satisfactory
grade on English proficiency examination or in
Comprehensive English.

Aims to acquaint the student with ideas con-
cerning radical social change, and to improve
his ability at reading and writing. Selected
readings and theme topics.

162. American Radical Thought
(112E.) Winter. 3(3-0) Three credits in the first term of any ATL sequence numbered 121 or above; or satisfactory performance in Comprehensive English.
Aims to acquaint the student with ideas concerning radical social change, and to improve his ability at reading and writing. Selected readings and theme topics.

163. American Radical Thought
(113E.) Spring. 3(3-0) Three credits in the second term of any ATL sequence numbered 121 or above; or satisfactory performance in Comprehensive English.
Aims to acquaint the student with ideas concerning radical social change, and to improve his ability at reading and writing. Selected readings and theme topics.

165. American Utopianism: Beginnings
Fall. 3(3-0)
Utopian and communitarian urge in early American thought and experience; improvement of the student's reading, writing, and speaking abilities.

166. American Utopianism: Middle Years
Winter. 3(3-0)
Utopian and communitarian urge in American thought and experience in the middle years; improvement of the student's reading, writing, and speaking abilities.

167. American Utopianism: Contemporary
Spring. 3(3-0)
Utopian and communitarian urge in contemporary American thought and experience; improvement of the student's reading, writing, and speaking abilities.

171. America on Film
(111F.) Fall. 3(3-2) Satisfactory grade on English proficiency examination or in Comprehensive English.
Aims to acquaint the student with cinematic and fictional representation of experience, and to improve his ability at reading and writing. Selected readings and theme topics.

172. America on Film
(112F.) Winter. 3(3-2) Three credits in the first term of any ATL sequence numbered 121 or above; or satisfactory performance in Comprehensive English.
Aims to acquaint the student with cinematic and fictional representation of experience, and to improve his ability at reading and writing. Selected readings and theme topics.

173. America on Film
(113F.) Spring. 3(3-2) Three credits in the second term of any ATL sequence numbered 121 or above; or satisfactory performance in Comprehensive English.
Aims to acquaint the student with cinematic and fictional representation of experience, and to improve his ability at reading and writing. Selected readings and theme topics.

181. Women in America
(111J.) Fall. 3(3-0) Satisfactory grade on English proficiency examination or in Comprehensive English.
Aims to acquaint the student with women's experience in America, and to improve the student's ability at reading and writing. Selected readings and theme topics.

182. Women in America
(112J.) Winter. 3(3-0) Three credits in the first term of any ATL sequence numbered 121 or above; or satisfactory performance in Comprehensive English.
Aims to acquaint the student with women's experience in America, and to improve the student's ability at reading and writing. Selected readings and theme topics.

183. Women in America
(113J.) Spring. 3(3-0) Three credits in the second term of any ATL sequence numbered 121 or above; or satisfactory performance in Comprehensive English.
Aims to acquaint the student with women's experience in America, and to improve the student's ability at reading and writing. Selected readings and theme topics.

191H. Honors Work in American Experience
(111H.) Fall. 3(3-0) Satisfactory grade in entrance examination.
Students read and write on selected topics to improve their knowledge of the American heritage, and their ability at reading and writing.

192H. Honors Work in American Experience
(112H.) Winter. 3(3-0) Satisfactory grade in the first term of any ATL sequence numbered 121 or above.
Students read and write on selected topics to improve their knowledge of the American heritage and their ability at reading and writing.

193H. Honors Work in American Experience
(113H.) Spring. 3(3-0) Satisfactory grade in the second term of any ATL sequence numbered 121 or above.
Students read and write on selected topics to improve their knowledge of the American heritage and their ability at reading and writing.

205. Reading for University-Level Understanding
Fall, Winter, Spring. 2(0-4) May re-enroll for a maximum of 4 credits.
Individualized instruction in techniques for improving vocabulary, comprehension, rate, study skills and test taking skills in order to achieve a better understanding of university-level materials.

232. American Humor
Winter. 4(4-0) Sophomores.
An interdisciplinary study of the relationship between American humor and the developing American experience, especially of the nineteenth and twentieth centuries.

300. Supervised Individual Study
Fall, Winter, Spring, Summer. 2 to 4 credits. May re-enroll for a maximum of 12 credits. 9 credits in a composition course; approval of department.
Selected students requesting individual study of interdisciplinary problems will work under supervision of University College professors. Variable elective credit will be determined when the student secures instructor, adviser, and department approval.

350. Contemporary American Film and Society
Winter. 4(4-0) Sophomores.
Contemporary American films as reflections of and influences on American society. Term topics: Violence and Crime or Women.

439. Writing the Research Report
Winter, Spring. 4(4-0) Juniors.
Advanced methods and organization of written research reports will be taught by providing examples, exercises, and writing practice based on research submitted by the students.

ANATOMY ANT
College of Human Medicine
College of Osteopathic Medicine
College of Veterinary Medicine

316. General Anatomy
Fall, Spring. 5(5-0)
Designed to impart the basic concepts of the broad field of anatomy. Special requirements of the various disciplines will be met in their respective laboratories.

420. Microscopic Anatomy
Winter. 5(2-8) Medical Technology students or approval of department.
Microscopic study of the structure of oells, tissues and organs.

480. Special Problems
Fall, Winter, Spring, Summer. 1 to 5 credits. May re-enroll for a maximum of 15 credits. Approval of department.
Individual study or project under the direction of a faculty member in biomedical research, gross anatomy, histology, neurology, or embryology.

505A. Anatomy in Physical Diagnosis
(505.) Fall. 1 to 3 credits. HM 505 concurrently.
Exercises in which students study systemic anatomy in a physical diagnosis context. Preparatory self-instruction precedes exercises.

505B. Anatomy in Physical Diagnosis
Winter. 1 to 3 credits. 505A or approval of department.
Exercises in which students study regional anatomy in a physical diagnosis context. Preparatory self-instruction precedes exercises.

505C. Anatomy in Physical Diagnosis
Spring. 1 to 3 credits. 505B or approval of department.
Exercises in which students study regional anatomy in a physical diagnosis context. Preparatory self-instruction precedes exercises.

510. Veterinary Gross Anatomy
(521.) Summer. 6(3-9) Admission to professional veterinary program.
Gross anatomy of a representative animal, the dog, is studied. Lecture, dissection of embalmed specimen, study of projections, slides, models and living animals.

511. Veterinary Histology
(520.) Summer. 4(2-6) First-term Veterinary Medicine students.
A general histology course for veterinary students which includes a survey of the tissue of the animal body.