341. Energy in the Food System

(AG 341.) Winter, Spring. 3(3-0) Juniors or approval of department. Interdepartmental with and administered by Agricultural Engineering Technology.


350. Leadership Development for Agriculture and Natural Resources

(AG 350.) Winter, Spring. 3(3-0) May reenroll for a maximum of 6 credits. Approval of department.


399. Professional Internships in Agriculture and Natural Resources

(AG 399.) Fall, Winter, Spring, Summer. 6 to 12 credits. May reenroll for a maximum of 12 credits. Juniors and approval of department.

Professionalized experiences in a student's major. Supervision and evaluation by faculty and cooperating agencies.

401. Agriculture and Natural Resources Communications Internship

(AG 401.) Fall, Winter, Spring, Summer. 3(3-0) May reenroll for a maximum of 6 credits. Approval of department.

Techniques, strategies and practices in development of agricultural and natural resources information programs. Including writing, public relations, TV and radio production for specialized and general audiences.

402. Agriculture and Natural Resources Communications Internship

(AG 402.) Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. ANR 401, approval of college.

Internship with professionals in communications field with emphasis on student's areas of interest—writing, radio, TV, publications, etc.

410. Environmental Toxicology

(AG 410.) Winter. 4(4-0) B S 212, BCH 401. Interdepartmental with and administered by the College of Natural Science.

Fate and effects of toxic chemicals in soil, plants, wildlife, and aquatic systems. Interactions between chemicals and the environment which influence their fate and ecological importance.

425. Agriculture and Natural Resources Seminar

(AG 425.) Spring, 2(2-0)

Current agricultural, natural resources, and environmental problems and solutions as presented by discussion leaders from various disciplines, arranged by undergraduate students.
411. Problems in American Civilization
Spring. 3(3-0) May reenroll for a maximum of 6 credits if different topic is taken. Juniors, approval of American Studies advisor. Seminar approach to selected problems in American life employing the objectives and approaches of interdisciplinary studies. Offered by members of relevant departments, for majors in the American Studies program.

AMERICAN THOUGHT AND LANGUAGE

College of Arts and Letters
To satisfy the University General Education requirement, a student must take one course in each of the following groups. No course may be taken Elective Credit.

1. 1144, 121, 131, 141, 151, 161, 171, 181, 191H
2. 1154, 122, 132, 142, 152, 162, 172, 182, 192H
3. 1164, 123, 133, 143, 153, 163, 173, 183, 193H

0142. Writing Laboratory I
Fall, Winter, Spring. 0(0-2) [2(2-0) See page A-1 item 3] ATL 0991 or admission by placement test; ATL 1144 concurrently.

An individualized program to develop composition skills by aiding students to discover how language functions in communication and by helping them to accept responsibility for learning to write correctly.

0152. Writing Laboratory II
Fall, Winter, Spring. 0(0-2) [2(2-0) See page A-1 item 3] ATL 0142, ATL 1144 or approval of department; ATL 1154 concurrently. Continuation of ATL 0142.

0162. Writing Laboratory III
Fall, Winter, Spring. 0(0-2) [2(2-0) See page A-1 item 3] ATL 0152, ATL 1154 or approval of department; ATL 1164 concurrently. Continuation of ATL 0152.

0991. Preparatory Writing Skills
Fall, Winter, Spring. Summer. 0(3-0) [3(3-0)] See page A-1 item 3] Admission by placement test.

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

104. Writing for Science Majors
Fall. 3(3-0) Satisfactory grade in English proficiency exam; College of Natural Science majors. Interdepartmental with and administered by the Department of English.

Writing workshop for science students that develops and refines composition ability.

105. The Scientist as Writer
Winter. 3(3-0) ENG 104. Interdepartmental with and administered by the Department of English.

Study of various types of writing by scientists—fiction, poetry, and autobiography as well as professional papers and books. Students will write frequently about the readings.

106. Introductory Scientific Writing
Spring. 3(3-0) ENG 105. Interdepartmental with and administered by the Department of English.

Writing of popular essays, scientific papers and reports, and other papers related to science.

1144. Developmental Writing I
Fall, Winter, Spring. 3(3-0) ATL 0991 or admission by placement test; ATL 0142 concurrently.

Students engage in expressive writing to respond to reading in clear and direct prose. Students write personal essays and read autobiographical materials, making use of college-level readings.

1154. Developmental Writing II
Fall, Winter, Spring. 3(3-0) ATL 0142, ATL 1144 or approval of department; ATL 0152 concurrently.

Interpretive, analytical, and expository writing in response to college-level readings.

1164. Developmental Writing III
Fall, Winter, Spring. 3(3-0) ATL 0152, ATL 1154 or approval of department; ATL 0162 concurrently.

Students write analytical/critical persuasive papers and undertake a research project. Reading of college-level materials.

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. Writing: American Expression
Fall, Winter, Spring. Summer. 3(3-0) Satisfactory performance on the placement test.

Writing course to improve composition and critical reading abilities. Writing based on American literary and historical materials from Puritan times through the Enlightenment. Emphasis on unity and structure of essays.

122. Writing: American Expression
Fall, Winter, Spring. Summer. 3(3-0) Three credits in the first term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and critical reading abilities. Writing based on American literary and historical materials of the eighteenth century. Emphasis on style and development of essays.

123. Writing: American Expression
Fall, Winter, Spring. Summer. 3(3-0) Three credits in the second term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and critical reading abilities. Writing based on American literary and historical materials of the nineteenth century. Emphasis on unity and structure of essays.

131. Writing: Major Currents in American Experience
Fall. 3(3-0) Satisfactory performance on the placement test.

Writing course to improve composition and critical reading abilities. Writing based on historical materials of the twentieth century. Research project required.

132. Writing: Major Currents in American Experience
Winter. 3(3-0) Three credits in the first term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and critical reading abilities. Writing based on materials concerning American dreams and realities. Emphasis on style and development of essays.

133. Writing: Major Currents in American Experience
Spring. 3(3-0) Three credits in the second term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and research abilities. Writing based on materials concerning cultural pluralism in America. Research project required.

141. Writing: American Humanities
Fall. 3(3-0) Satisfactory performance on the placement test.

Writing course to improve composition and critical reading abilities. Writing based on American literature, painting, music, and architecture before 1860. Emphasis on unity and structure of essays.

142. Writing: American Humanities
Winter. 3(3-0) Three credits in the first term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and critical reading abilities. Writing based on American literature, painting, music, architecture and sculpture of the nineteenth century. Emphasis on unity and development of essays.

143. Writing: American Humanities
Spring. 3(3-0) Three credits in the second term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and critical reading abilities. Writing based on innovation in twentieth-century American literature and the visual, plastic, musical, and dramatic arts. Research project required.

151. Writing: American Minorities
Fall. 3(3-0) Satisfactory performance on the placement test.

Writing course to improve composition and critical reading abilities. Writing based on minority literature from mythology to experiences of immigrants and ex-slaves. Emphasis upon unity and structure of essays.

152. Writing: American Minorities
Winter. 3(3-0) Three credits in the first term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and critical reading abilities. Writing based on minority literature from Reconstruction, Indian wars and end of European immigration. Emphasis upon style and development of essays.

153. Writing: American Minorities
Spring. 3(3-0) Three credits in the second term of any ATL sequence numbered 121 or higher or approval of department.

Writing course to improve composition and critical reading abilities. Writing based on minority literature emphasizing modern fiction and cultural pluralism. A research project is required.

161. Writing: American Radical Thought
Fall. 3(3-0) Satisfactory performance on the placement test.

Writing course to improve composition and critical reading abilities. Writing based on dissenting thought from the colonial to the early national period. Emphasis upon unity and structure of essays.