

HUMAN BIOLOGY PROGRAM

Faculty

Distinguished Teaching Professors

Helmut V. B. Hirsch, Ph.D.
Stanford University

Professors

Timothy B. Gage, Ph.D.
Pennsylvania State University
Helen T. Ghiradella, Ph.D.
University of California, Santa Barbara
Lawrence M. Schell, Ph.D.
University of Pennsylvania
Richard G. Wilkinson, Ph.D.
University of Michigan

Assistant Professors

Tom D. Brutsaert, Ph.D.
Cornell University

The Human Biology program is an interdepartmental (Anthropology and Biology) combined major/minor designed for students interested in a liberal arts education with particular focus on the human organism. It provides a strong background in human evolution, structure, function and behavior. This program is especially suitable for those seeking careers (e.g. medicine, forensics, public health, administration, business, journalism) that deal directly or indirectly with human health and welfare.

Students interested in research and/or teaching careers in biological anthropology are especially encouraged to major in Human Biology. Most graduate programs in Anthropology require undergraduate coursework in at least three of the four traditional subfields of anthropology (archaeology, cultural anthropology, biological anthropology), and some also require linguistics as the fourth subfield. It is advisable, therefore, for those intending to do graduate work in an anthropology department to take at least one course in each of these subfields. Students who plan on graduate work and professional careers in Biology are advised to major in Biological Sciences.

Degree Requirements for the Faculty-Initiated Interdisciplinary Major with a Concentration in Human Biology

General Program

B.S.: Combined major and minor sequence consisting of a minimum of 55 credits to be taken from:

(a) *Required courses (40 credits minimum):*
A Ant 110N, 211, and any two of A Ant 311, 319, 312/A Bio 318;
A Bio 110N or 110F, A Bio 111N, A Bio 205N or 212, A Bio 410;
A Chm 120N or 130, 121N or 131, A Chm 122A & B;
A Mat 108 or A Psy 210 or A Soc 221 or one semester of college mathematics exclusive of A Mat 100, 102N, or 105;
A Phy 105N.

(b) *Major electives (15 credits minimum):*
A Ant 119N, 310, 311 or 312 or 319 *if not used in (a) above*, 365, 414, 416, 418, 450;
A Bio 112, 113, 117N, 205 or 212 *if not used in (a) above*, 214, 230N, 241N, 303, 305, 308, 311, 325, 402, 407, 411, 416;
A Chm 216A, 216B, 217A, 217B;
A Psy 314, 385, 387, and H Sph201.

A maximum of 3 credits may be selected from R Ssw 290/390, A Bio 399/499 and/or A Ant 498a/498b, with prior approval for appropriate activities from the Director(s) of the Human Biology Major. The one-credit writing intensive courses, A Ant 389Z and A Bio 389Z, taken in conjunction with a required or elective course in the major, may also yield credit toward the major.

JOURNALISM PROGRAM

Faculty

Lecturers

William Rainbolt, M.A.
University of North Texas

Adjunct Faculty

Elizabeth Benjamin, M.S.
Columbia University
Cailin Brown, M.A.
University at Albany
Richard D'Errico, B.S.
Northeastern University
Dennis Gaffney, B.A.
University at Albany Wesleyan University
David Guistina, B.S.
Utica College of Syracuse University
Mike Hendricks, B.A.
University of Michigan
Mike Hill, B.A.
SUNY Geneseo
Ronald Kermani, B.S.
Syracuse University
Stephen Leon, B.A.
Princeton
Claudia Ricci, B.A.
Brown University
Katherine Van Acker, B.S.
Montana State University
David Washburn, B.S.
Lyndon State College

The Journalism Program is for students interested in becoming journalists as well as for those entering other careers and fields of graduate study.

The Journalism Program's courses and internships prepare students for work in cyber media, magazine and book publishing, government, public relations, and freelance writing, as well as for graduate work in law, literature, history, education and government.

The program introduces students to innovative media technologies, such as computer-assisted reporting, the use of the Internet, and online journalism. Our internship program opportunities give students the chance to work at television and radio stations, newspapers and magazines, publishing houses, government agencies, and public relations firms.

Students may choose to minor in Journalism, but *our courses are open to undergraduates in all fields*. We offer workshops that concentrate on editing and writing, as well as challenging courses that address the complex issues confronting journalists today—such as law, ethics, and media criticism.

Declaring the Journalism Minor:

Students should declare the minor no later than the first semester of their junior year by applying to the Director of Journalism after completing A Jrl 300Z.

Courses

A Jrl 300Z Introduction to Journalism (3)

A newswriting and reporting course emphasizing working journalism. Regular guest lectures by working journalists and media professionals, and weekly workshops in which students discuss their own work. About 10 news and feature stories are assigned each semester, covering the courts, politics, and the metropolitan scene. Prerequisite(s): enrollment limited to sophomores, juniors and seniors who have taken an English course or a writing intensive course. [WI]

A Jrl 308Z (= A Eng 308Z) Narrative and Descriptive Journalism (3)

Students will explore a variety of journalistic writing styles, with an emphasis on good narrative and description, combined with the skillful use of quotes and dialogue. The class features intensive critiques of students' work. A variety of formats will be studied: newspapers, magazines, non-fiction books, and online publications. Class discussion and reading will help students improve their skills in observing, interviewing, and organizing material for longer articles. Students will have five writing assignments, including a short research paper; several in-class writing exercises; and a final project consisting of a major feature story of publishable quality.

A Jrl 350 Journalistic Interviewing (3)

Many writers have called interviewing an "art". Some interviews require extensive preparation, others cursory, while still others are conducted with none. Students in this course will obtain experience in each of these "genres" by doing actual interviews in a variety of journalistic situations. Students will consider the purpose of particular interviews: will the information be used for a story? For background? For attribution? Which information will be used and which will be filed? How does an author keep a conversation going when one of the conversationalists knows his or her words will be committed to print or to tape? Students will identify which techniques work better than others, and put their findings into practice. Some interviews and other oral discourse exercises will be conducted in class, and will be critiqued and graded as forms of oral presentations. This course satisfies the Oral Discourse general education requirement. Prerequisite(s): A grade of C or higher in AJrl 300Z, or permission of instructor. [OD]

A Jrl 364 & 365 Journalism: Special Topics (3)

Study of various issues in journalism. May be repeated when content differs. AJrl 364Z and AJrl 365Z are the writing intensive versions of AJrl 364 and AJrl 365. AJrl 364 and AJrl 365 do not meet the writing intensive requirement. Prerequisite(s): intended primarily for juniors and seniors and with permission of the program director.

TOPICS: Among the topics regularly offered under AJrl 364 and 365 are the following:

"The Documentary Tradition in 20th Century American Prose and Photography" This lecture course studies the documentary tradition from classic American works in prose and photography through the latest innovations in using digital media.

"History of the American Press, 1833-1914" traces the development of the American print medium from the advent of the Penny Press through the influence of the muckrakers. It examines this evolving press in terms of its role in issues of public policy, gender, race and

culture, thus providing an insight into the roots of contemporary American journalism.

"Media Law and Ethics" examines the current state of media law and ethics, with some attention also given to the historical roots. Topics include: First Amendment, conflicts between the values of a free press and a fair trial, libel, invasion of privacy, protection of confidential sources and information, freedom of information, copyright, telecommunications, and ethical dilemmas.

"Media Criticism" explores content and context of print journalism. Why do some stories get printed while others do not? Whose voices are heard and who is silenced? How do newsroom decision influence the audience? Do editorial and advertising pages represent the reader differently? Do readers have avenues of recourse? Should they? Close reading and writing assignments.

"The American News Media in the Twentieth Century" This lecture course surveys the historical development of the twentieth century of radio, television, newspapers and magazines, and digital media; to a lesser extent, it also addresses films, books publishing, public relations, and advertising.

"Images of Journalism in Literature and Film" explores several depictions of American journalism and journalists in a variety of genres, including novels, short stories, nonfiction, and films. Diverse images of journalists are followed from early colonial America to today.

A Jrl 364Z & 365Z Journalism: Special Topics (3)

May be repeated when content differs. AJrl 364Z and 365Z are the writing intensive versions of AJrl 364 and 365. Prerequisite(s): AJrl 300Z. Intended primarily for juniors and seniors and with permission of the program director. [WI]

TOPICS: Among the topics regularly offered under AJrl 364Z and 365Z are the following:

"Environmental Journalism" is a reporting and writing workshop that examines a wide variety of issues in media coverage of such subjects as nuclear waste disposal, alternative fuels research, global warming, saving endangered areas and species, and "nimby" (not-in-my-backyard) controversies. Intended for students in Journalism and Earth & Atmospheric Sciences but open to anyone with an interest in the subject.

"Writing Reviews, Editorials, and Columns" is a writing course in which students study and write pieces of subjective journalism, such as personal columns, arts reviews, editorials, and others.

"Computer-Assisted Journalism" introduces students to the concepts of computer-assisted reporting (CAR), fast becoming as fundamental a reporting tool as the telephone, and teaches the basic uses of spreadsheets, databases and the Internet for journalism.

"Editing for the News Media" demonstrates that editing is less an exercise in grammar and punctuation and more one in critical thinking. Editing and writing exercises and class discussion will grapple with what makes something news and what is the clearest way to express that to the readers.

"Science Journalism" This workshop introduces students to reporting on and writing about a variety of current issues in science, medicine, technology, and the environment.

"Photojournalism" This workshop, taught in a digital media lab, introduces students to photojournalism as practiced in newspapers, magazines, and digital media. Students should be able to demonstrate a basic competency in photography; those who have not taken previous photography coursework may have to present a portfolio for evaluation before being

admitted.

"Digital Media Workshop" This course focuses on digital journalism, including such subjects as desktop publishing, writing HTML, and creating and maintaining Websites. It is intended for anyone who is interested in the process, design, presentation, and implementation of message-making through text, charts, symbols, signs, and computer screens/interfaces.

"Public Relations Workshop" This workshop will introduce students to a variety of functions and writing activities found in modern public relations, such as managing internal and external communications, identifying appropriate audiences, developing plans for public relations campaigns, writing press releases and other documents, handling communications in a crisis situation, and managing media relations.

A Jrl 397 Independent Study of Journalism (1-4)

A project in journalistic investigation and writing, or a study of some specific body of journalism sponsored by a faculty member and approved by the director of journalism. May be repeated for credit. Prerequisite(s): intended primarily for juniors and seniors and with permission of the program director.

A Jrl 400 Internship in Journalism (3-9)

Students work for one semester on a newspaper, magazine, radio or television station, or with government, business, or public affairs publication. Students earn credit by completing an academic component consisting of required group meetings and conferences with the faculty supervisor, as well as a journal, portfolio and a final paper. **Internships are open only to qualified juniors and seniors who have an overall grade point average of 2.50 or higher.** Prerequisite(s): permission of faculty supervisor. S/U graded.