

# WELCOME

## Welcome Spartans!

Welcome to Michigan State University and the College of Arts and Letters (CAL). We are pleased that you have a passion to be part of a college that educates actors, artists, designers, filmmakers, linguists, philosophers, poets, teachers, translators, writers, and much more in a creative, learning and nurturing environment.

Academic Advisors in the College of Arts and Letters are <sup>the</sup> coordinators of your undergraduate experience, <sup>and</sup> they provide critical information about academic programs and degree requirements. They also have information about study abroad, leadership development, academic major choices, career options, policies and procedures, and campus resources. Advisors should be your first and last contact for information about the College of Arts and Letters. They will serve as a reference if they know you well, certify you for graduation, and work with college and university administration on your behalf. We look forward to serving you and getting to know you!

## UNDERGRADUATE ACADEMIC SERVICE STAFF

### Assistant Dean of Undergraduate Affairs & Study Abroad

Bethany Judge  
200 Linton Hall  
(517) 355-0366  
judgebe@msu.edu

### Assistant Director of Undergraduate Affairs & Study Away

Quinn Moreno  
200 Linton Hall  
(517) 355-0366  
qmoreno@msu.edu

### Field Career Consultant

Becky Brewer  
200 Linton Hall  
(517) 355-0366  
brewerre@msu.edu

### Academic Advisors

Britta Urness  
Ruth Mowry  
Cindy Walter  
Jennifer Gansler  
Dionne O'Dell  
Dori Hopkins  
John Ritz  
Laura Essig

### Faculty Advisors

Professor Debra Nails  
Professor Arthur Versluis



# ADVISORS BY MAJOR

Arthur Versluis	Religious Studies
Britta Urness	Studio Art History of Art Art Education Apparel and Textile Design
Cindy Walter	Arabic Chinese German Global Studies in Arts and Humanities Japanese Linguistics Russian
Debra Nails	Philosophy
Dionne O'Dell	Theatre
Dori Hopkins	Women's and Gender Studies
Jennifer Gansler	French Spanish
John Ritz	Professional Writing
Laura Essig	Experience Architecture Humanities-Pre-Law Interdisciplinary Humanities
Ruth Mowry	English



## ADVISING OPTIONS

### Academic Advisors Offer:

- Course planning appropriate for your major and career goals
- Assistance in selection of major field of concentration
- Review of degree and/or minor requirements
- Planning toward career goals
- Referral to campus resources
- Enrollment and registration information
- Provide information and offer advice about our experiential education opportunities including: study abroad programs, international opportunities, study away, independent studies and research
- A person to go to and share any high and low points in your college career

vague. flesh out?  
how different from  
study abroad?

### Academic Advising Appointments

We encourage you to see your Academic Advisor at least once per semester. If you are interested in multiple areas, you should meet with each respective advisor. To set up an appointment visit the Advisors Calendar at <https://www.egr.msu.edu/adcalendar>.

### Advisor by E-mail

If you have a question that you think has a simple answer, feel free to reach out to your advisor via e-mail. Most of the time, an advisor will be able to respond within 48 hours. An advisor may suggest scheduling an appointment if they feel the question deserves a discussion.

requires further  
discussion



# HONORS COLLEGE STUDENTS

Honors College students are assigned an advisor in <sup>their major department</sup> the department of their major field as well as an advisor in the Honors College. Meet with your advisors to plan your academic program or to handle advising inquiries.

## MAJORS AND MINORS

The College of Arts and Letters offers both departmental and interdisciplinary majors. Most of the majors in the college lead to the Bachelor of Arts (BA) degree. The Department of Art, Art History, and Design and the Department of Theatre offer both Bachelor of Arts (BA) and Bachelor of Fine Arts (BFA) degrees. The Bachelor of Fine Arts (BFA) degree requires a larger concentration within the major and is only open to students who are selected by the department on a competitive basis after completing foundation requirements in the major. For information about admission to the BFA program in these departments, students should consult their academic advisors.

### Double Majoring

Students can complete two degrees in two different ways:

**1. Additional Major:** earned by completing two majors within 120 credits. The two majors will show on your transcript but not your diploma.

**2. Second Degree:** earned by completing two degrees with a minimum of 150 credits. The two degrees will show on your transcript and you will also receive a second diploma.

### Minors

Typically, a minor is 18-20 credits. You may minor in an area outside of the College of Arts and Letters. You will need to meet with the academic advisors for the minor to discuss the requirements and admission standards.





# DEGREE REQUIREMENTS

## UNIVERSITY REQUIREMENTS

### WRITING (4 credits)

\_\_\_ WRA 110-150 (4) Writing, Rhetoric, and American Cultures

### INTEGRATIVE STUDIES (24 credits)

- \_\_\_ ISB 200 level (3) Biological Science
- \_\_\_ ISP 200 level (3) Physical Science
- \_\_\_ ISB or ISP lab (2) Biological/Physical Science Lab
- \_\_\_ IAH 201-210 (4) Arts and Humanities
- \_\_\_ IAH 211-241 (4) Arts and Humanities
- \_\_\_ ISS 200 level (4) Social Sciences
- \_\_\_ ISS 300 level (4) Social Sciences

Students must include at least one National (N) course and one International /Multicultural (I) course in their Integrative Studies programs. A (D) course may meet either an (N) or (I) requirement, but not both. See course details for descriptions.

A minimum of 120 credits ~~or~~ 123 credits if credit for MTH 1825 was earned at MSU is required for graduation.

## COLLEGE REQUIREMENTS

*Additional*

The College of Arts and Letters requirements fall into two categories:

**1. Cognates:** Two cognates must be approved by the student's advisor. Each cognate must be at least 12 credits. One cognate must be from a department within the College of Arts and Letters. If approved by the advisor, students who complete an additional major, second degree, or minor in another field may substitute that program for both cognates.

**2. Second-year proficiency in a single language other than English.** This requirement can be met by two years of study at MSU (four semesters: 101, 102, 201, and 202) or by continuing language studies begun in high school through the MSU course 202. Students with native proficiency in a language other than English should consult their advisor.

## MAJOR REQUIREMENTS

Each major in the College of Arts and Letters has specific requirements students must complete. Students should meet with their Academic Advisor to discuss these requirements for their respective major(s).



# EXPERIENTIAL EDUCATION

## STUDY ABROAD

MSU Study Abroad Fair: 9/25/2014  
Breslin Center 12:00–6:00PM

*update dates*

### Things you should think about if you want to Study Abroad....

Where do I want to go?

London, Rome, Thailand, Australia, *and more!*

When do I want to go?

Fall, Spring or Summer

How long do I want to go?

A few weeks, ~~a couple months~~, a semester, or a year

*a couple of months*

When is the best time for me to go during my academic career?

As a freshmen, sophomore or junior

### Program Options

#### Faculty Led

- Students' instructors are CAL or MSU faculty members
- Students will complete MSU courses
- Students enroll through MSU

#### Direct Enrollment

- Students' instructors are faculty of host institution
- Students enroll and complete host institution courses
- Students may pay host institution tuition and fees

## STUDY AWAY

Where do I want to go?

New York City, Los Angeles, Washington D.C., etc.

When do I want to go?

Fall, Spring or Summer

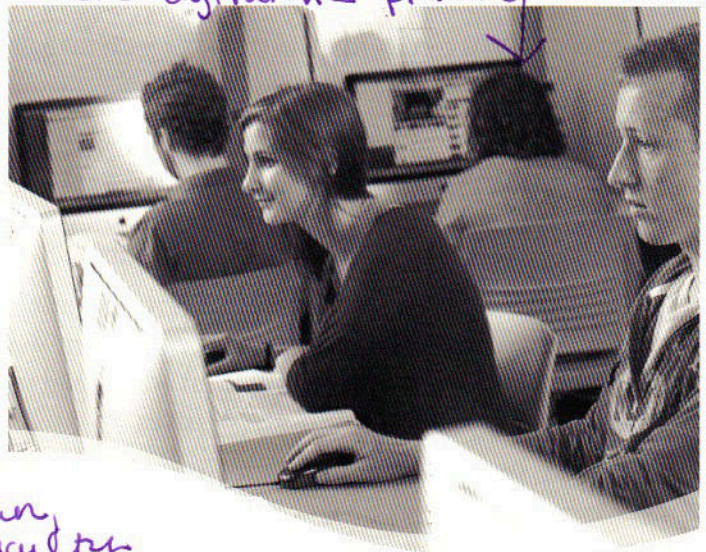
### Program Options

- Faculty led
- Internship

How do I learn more about Study Away?

Quinn Moreno  
qmoreno@msu.edu  
517-355-0366

*more dynamic picture*



*my program was a combo one class was taught by native Italian one was MSU faculty + Italian faculty*

## UNDERGRADUATE RESEARCH

Undergraduate Research is a unique opportunity for students to work with faculty ~~on their scholarship~~ and produce an original output that contributes to the knowledge or activity of a particular academic discipline.

Some students will work on part of a faculty member's current research project. Other students may develop an independent project of their own that is guided by a faculty member. Either way, students have opportunities in a variety of disciplines from art history to zoology to engage in original hands-on research and creative projects.

Michigan State is renowned nationally for its support for undergraduate researchers with programs, funding, and support services to assist students across the colleges. Students can use *Venture* to explore undergraduate research options. *Venture* is a database of research, scholarship, and creative opportunities for MSU undergraduate students. *Venture* can be accessed through Undergraduate Research at Michigan State University.



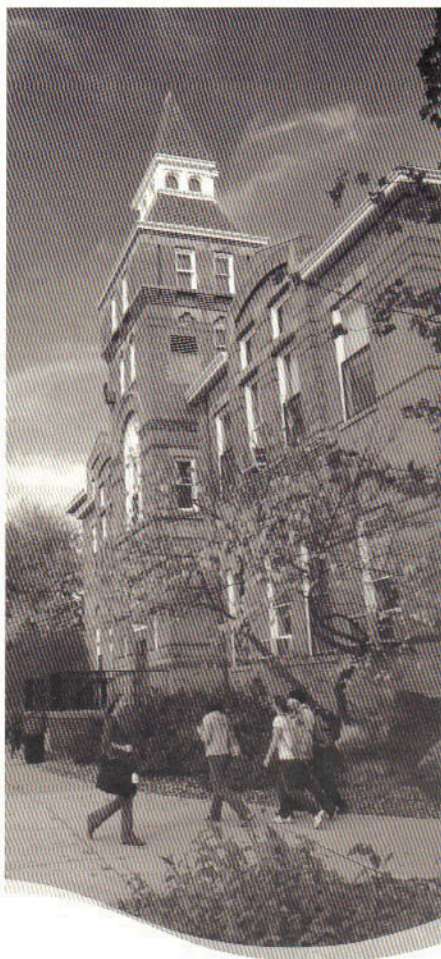
# YOUR 4-YEAR PLAN



Life after MSU

*I don't like this. It can seem overwhelming and oversimplifying the college experience. Each student's journey is unique and I think it is important to emphasize that along w/ opportunities. Showcase individual student experiences + "4-yr plans"?*





Internships are an important resume-building experience and opportunity to gain real-world experience in your build. Employers like to see at least one throughout your college. Other benefits internships offer include:

**INTERNSHIPS**

Employers expect at least one internship on your resume. Internships will help you meet employers' expectations, but there are other reasons why internships matter:

- ~~Hone~~ <sup>honing</sup> your skills: Internship experience can show employers that you have already developed related skills/experience, worked in a professional environment, and are serious about the field. <sup>you are pursuing</sup>
- ~~Figure out what you want to do~~ <sup>figuring zero in on your interests</sup>: it's better to learn that something isn't right for you during an internship than in your first job after graduation. Internships allow you to explore different career options.
- Employers use them as a recruiting tool: internships are a great way to get your foot in the door <sup>so you can find the right fit</sup> because many employers hire directly from their internship pool.

Students in the College of Arts and Letters have taken advantage of amazing internship opportunities. Some of our students have interned at:

- Late Night with Jimmy Fallon as a Writing/Blogging Intern
- The White House <sup>as ... intern</sup>
- Target, Merchandise Planning Business Analyst Intern
- Washtenaw Co Public Defenders Office, Student Investigator
- Techsmith, User Experience Intern
- General Motors, Sculpting Intern
- <sup>in our own offices</sup>

## ACADEMIC INTEGRITY

Academic honesty and integrity are fundamental values in a community of scholars. Students and faculty share a commitment to and responsibility for "maintaining the integrity of scholarship, grades, and professional standards." To abuse these values is to <sup>compromise</sup> assault one's own personal integrity and character. Yet, cheating occurs <sup>every college campus</sup> on this campus and elsewhere. The best way to protect yourself from an allegation of academic dishonesty is simple: don't cheat. Read on for the answers to frequently asked questions on this topic, which is of increasing interest on campuses throughout the world.

### Students should NOT:

- ⊗ Turn in an exam, paper, or project that is not wholly your own work <sup>higher JK</sup>
- ⊗ Copy answers from another student's exam or test <sup>paper, or project</sup>
- ⊗ Get questions and/or answers from students who have already taken an exam or quiz <sup>you are scheduled to take</sup>
- ⊗ Have another person take a test for you <sup>multiple JK</sup>
- ⊗ Submit the same paper for two or more classes <sup>multiple JK</sup>
- ⊗ Use other authors' ideas, words or phrases without proper attribution <sup>and citation</sup>
- ⊗ Collaborate with other students on projects or assignments without your instructor's permission
- ⊗ Falsify your academic and admission records; violate professional standards <sup>or</sup>



# THE TRANSITION FROM HIGH SCHOOL TO COLLEGE

## Get Organized :

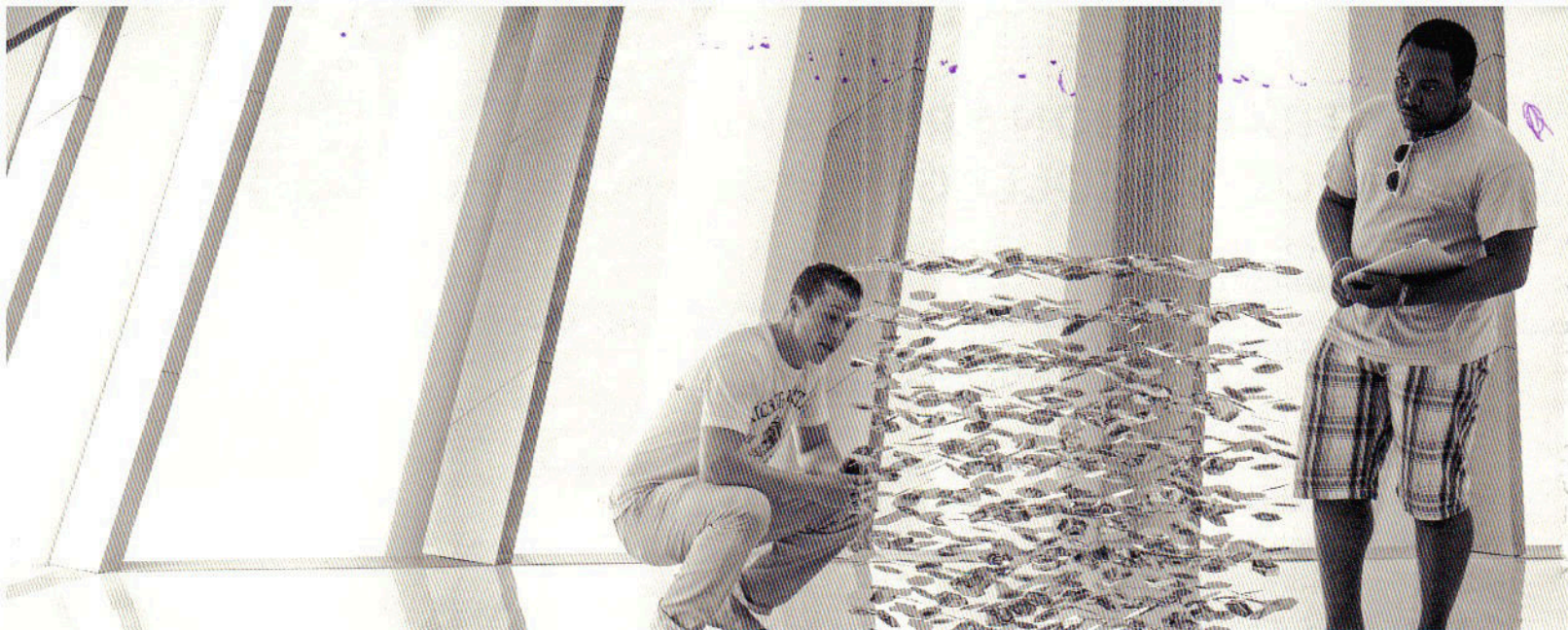
- ✓ *Purchase a daily planner and calendar (dry-erase works great!)*
- ✓ A daily planner is a must
- ✓ Transfer your syllabi to your calendar *and planner*
- ✓ If you're working during the school year be sure to add your work schedule *to your calendar and planner*
- ✓ Add extracurricular activities to the planner *and calendar*
- ✓ Set midterm goals *(and stick to 'em!)*
- ✓ Be aware of resource/student organization fairs *and use them!*
- ✓ *Don't be afraid to ask for help + use resources*

## High School vs. College: How to Succeed

High School	College
The school year is 36 weeks long; some classes extend over both semesters and some don't	The academic year is divided into two separate 15-week semesters, plus a week after each semester for exams, <i>most classes last only one semester</i>
Classes generally do not exceed 35 students	<i>some</i> Classes may have more than 100 students
You do most of your studying in class, with homework as a backup	You do most of your studying outside of class <i>generally</i> (2-3 hours per class per week) with lectures and other class as a guide
You seldom read anything more than once, usually class time is enough	You need to review class & text material on a regular basis. Most reading needs to be done in advance <i>and at least</i> the night before
You are provided textbooks for FREE <i>those were the days</i>	You need to budget substantial funds for textbooks, possibly around \$300/semester, <i>and</i> books must be bought at the beginning of the semester
You are expected to read short assignments that are then discussed, and often re-taught in class	You are assigned substantial amounts of reading and writing which may not be directly addressed in class, <i>but are important to academic success</i>
You will usually be told in class what you need to learn from assigned readings	It's up to you to read and understand the assigned material; lectures and assignments proceed from the assumption that you've already done so







## CAMPUS RESOURCES

*expand, add CAT-specific, add blubs on what they are / when to use*

### Career Services Network

113 Student Services Building  
(517) 355-9510  
<https://careernetwork.msu.edu>

### Counseling Center

207 Student Services Building  
(517) 355-8270  
<http://www.counseling.msu.edu>

### Learning Resource Center

202 Bessey Hall  
(517) 355-2363  
<http://lrc.msu.edu>

### Math Learning Center

Wells Hall  
Brody MathSquare RM 138  
Union's U-Math RM 30  
Holden's MathDen RM C133  
Hubbard's MathHub RM 129  
McDonel's MathTrail RM 45  
<https://www1.math.msu.edu/mlc>

### Office of Supportive Services

209 Bessey Hall  
(517) 353-5210  
<http://oss.msu.edu>



### Office of the Registrar

150 Hannah Administration Building  
(517) 355-3300  
<https://www.reg.msu.edu>

### Office for International Students & Scholars

105 International Center  
(517) 353-1720  
<http://oiss.isp.msu.edu>

### Office of Financial Aid

252 Student Services Building  
(517) 353-5940  
<https://www.finaid.msu.edu>



### Resource Center for Persons with Disabilities

120 Bessey Hall  
(517) 884-7273  
<https://www.rcpd.msu.edu>

### Center for Service-Learning and Civic Engagement

345 Student Services Building  
(517) 353-4400  
<http://www.servicelearning.msu.edu>

### The Writing Center

300 Bessey Hall  
(517) 432-3610  
<http://writing.msu.edu>



# MAJORS BY DEPARTMENT

*emphasize Majors more!!! Student = will look for major first rather than department*

## DEPARTMENT OF ART, ART HISTORY, & DESIGN

113 Kresge Art Center  
(517) 355-7610

Majors:  
Art Education  
Art History and Visual Culture  
Studio Art  
Apparel and Textile Design

## DEPARTMENT OF ENGLISH

C614 Wells Hall  
(517) 355-7570

Majors:  
English  
Film Studies (Spring 2015)

## DEPARTMENT OF LINGUISTICS & GERMANIC, SLAVIC, ASIAN AND AFRICAN LANGUAGES

B331 Wells Hall  
(517) 353-0740

Majors:  
Arabic  
Chinese  
Japanese  
German  
Linguistics  
Russian

## DEPARTMENT OF PHILOSOPHY

503 South Kedzie Hall  
(517) 355-4490

Majors:  
Philosophy

## DEPARTMENT OF RELIGIOUS STUDIES

C714 Wells Hall  
(517) 353-2930

Majors:  
Religious Studies

## DEPARTMENT OF ROMANCE AND CLASSICAL STUDIES

B331 Wells Hall  
(517) 355-8350

Majors:  
French  
Spanish

## DEPARTMENT OF THEATRE

113 Auditorium Building  
(517) 355-6690

Majors:  
Theatre

## DEPARTMENT OF WRITING RHETORIC, AND AMERICAN CULTURES

235 Bessey Hall  
(517) 355-2400

Majors:  
Professional Writing

## INTERDISCIPLINARY DEGREE PROGRAMS

200 Linton Hall  
(517) 355-0366

Majors:  
Interdisciplinary Humanities  
Humanities-Pre-Law  
Experience Architecture

## GLOBAL STUDIES IN THE ARTS & HUMANITIES

B331 Wells Hall  
(517) 353-8848

Majors:  
Global Studies in the Arts & Humanities

## CENTER FOR GENDER IN GLOBAL CONTEXT

206 International Center  
(517) 353-5040

Majors:  
Women's and Gender Studies

## MINORS

African American & African Studies  
American Indian Studies  
Arabic  
Art History and Visual Culture  
Chinese  
Cognitive Science  
Dance  
Design  
Digital Humanities  
French  
German  
Italian  
Japanese  
Jewish Studies  
Linguistics  
Museum Studies  
Philosophy  
Philosophy of Law  
Religion in the Americas  
Religious Studies  
Spanish  
Theatre  
Women, Gender & Social Justice



*advisors  
advisor bio/picture*



# COURSE DESCRIPTIONS

## IAH COURSE DESCRIPTIONS

### IAH 201 United States and the World (D)

Major issues in development of U.S. society and culture, presented in international and comparative context. Influences from native Americans, Europeans, Africans, and Asians. Organized historically, with thematic emphasis on literature and the arts.

### IAH 202 Europe and the World (I)

Cultural encounters and political relationships between Europeans and people(s) from other regions of the world since 1500 as shown through study of written texts, literature, the visual arts, music, and other forms of expression. Examples from Europe and several continents.

### IAH 203 Latin America and the World (I)

Major issues in the development of Latin American societies and cultures, presented in global perspective. Influences from indigenous peoples, Europeans, Africans, and others. Organized thematically and historically, through study of written texts, literature, and the arts.

### IAH 204 Asia and the World (I)

Major issues in the development of Asian societies and cultures and their interaction with other regions of the world since 1600. Topics from East, Southeast, and South Asia. Organized thematically and historically, through study of written texts, the arts, and other forms of expression.

### IAH 205 Africa and the World (I)

Major issues in the development of African societies and their interaction with other regions of the world since 600 through study of written texts, the arts and other forms of expression. Topics from West, East, North, and Southern Africa. Organized thematically and historically.

### IAH 206 Self, Society, and Technology (D)

Exploration in how technology affects and is affected by our conceptions of ourselves, relations with others, and our ideals. Approaches and materials from philosophy, literature, art, music, and history as well as the natural sciences.

### IAH 207 Literatures, Cultures, Identities (I)

Explorations in how literature reflects, creates, and challenges cultural and individual identities. Approaches and materials from literature, philosophy, the arts, religion, and history. Selected themes and issues. Variable by term.

maybe list requirements + overall description of requirement, then list names of individual courses + provide link to course descrip. on website to read more. Here is a good place to talk about nat'l int'l distinctions

### IAH 208 Music and Culture (I)

Relationships between music and culture. Organized historically, geographically, or thematically, through study of written texts, music, the visual arts, and other forms of expression. Selected topics, variable by term in content and approach.

### IAH 209 Art, the Visual, and Culture (D)

Exploration of art and visual culture in historical and cultural contexts. Reading and analysis of images. Approaches and materials from art history, anthropology, history, literature, philosophy, religious studies, economics, and natural science in cross-cultural and international perspective. Content variable by term.

## UPPER LEVEL IAH COURSES

### IAH 210 Middle East and the World (I)

Major issues in the development of Middle Eastern societies and cultures, presented in global perspective. Influences from European, Africans, Asians, and others. Organized thematically and historically, through study of written texts, literature, and the arts.

### IAH 211B Area Studies and Multicultural Civilizations: Asia (I)

Arts and humanities of Asia: literature, visual arts, music, religion and philosophy presented in historical context. Selected regions, cultures, and themes. Variable by term.

### IAH 211C Area Studies and Multicultural Civilizations: The Americas (D)

Arts and humanities of the Americas: literature, visual arts, music, religion and philosophy presented in historical context. Selected regions, cultures, and themes. Variable by term.

### IAH 211D Area Studies and Multicultural Civilizations: The Middle East (I)

Arts and humanities of the Middle East: literature, visual arts, music, religion and philosophy presented in historical context. Themes variable by term.

### IAH 221A Great Ages: The Ancient World (I)

Arts and humanities of the ancient world examined through the frame of urban and intellectual life. Literature, visual arts, music, religion and philosophy presented in historical context. Selected regions and themes. Variable by term.



**IAH 221B Great Ages: The Medieval and Early Modern Worlds (I)**

Arts and humanities of the medieval and early modern worlds: literature, visual arts, music, religion and philosophy presented in historical context. Selected themes. Variable by term.

**IAH 221C Great Ages: The Modern World (I)**

Arts and humanities of the modern world, examined through the frame of urban and intellectual life. Literature, visual arts, music, religion and philosophy presented in historical context. Selected regions and themes. Variable by term.

**IAH 231A Themes and Issues: Human Values and the Arts and Humanities (D)**

Values of individualism, responsibility, love, community, and rationality. Students are introduced to diverse methods and materials from the arts and humanities.



**IAH 231B Themes and Issues: Moral Issues and the Arts and Humanities (D)**

Human conflict and moral dilemmas, addressed through diverse methods and materials from the arts and humanities.

**IAH 231C Themes and Issues: Roles of Language in Society (D)**

Language as the medium of culture in various societies. Power and social identity as manifested through language. Students are introduced to diverse methods and materials from the arts and humanities.

**IAH 241A Creative Arts and Humanities: Music and Society in the Modern World (D)**

The arts and humanities of the modern world through the prism of music. Music traditions and methodologies in their historic context. Relationship of music creativity to societies in which it has been produced.

**IAH 241B Creative Arts and Humanities: Philosophy in Literature (D)**

Philosophy and literature, relationships to each other and to societies in which they were produced. Themes such as the meaning of life, God and the problem of evil, and the nature of knowledge. Authors such as Voltaire, Dostoevsky, Wright, and Atwood examined from a variety of perspectives.

**IAH 241C Creative Arts and Humanities: Cultural and Artistic Traditions of Europe (I)**

European artistic and cultural movements and styles, introduced through works of art, music, literature, philosophy, and religion. Presented in historical context. Specific eras and works variable by term.

**IAH 241D Creative Arts and Humanities: Theatre and Society in the West (I)**

Artistic creativity seen through the prism of theater, presented in historical context. Influences from art, literature, music, and religion. Focus on translation of social visions into dramatic art. Plays and themes variable by term.

**IAH 241E Creative Arts and Humanities: The Creative Process (D)**

Philosophical, religious and historical foundations for understanding the process of creation in visual arts, theatre, music, and literature. Variations across eras and societies.

**IAH 241F Creative Arts and Humanities: Traditions in World Art (I)**

Aesthetic qualities of painting, sculpture, and architecture within historical contexts across major civilizations. Visual forms in relation to belief systems and musical and literary traditions.



## ISS COURSE DESCRIPTIONS

### ISS 210 Society and the Individual (D)

Evolution of human behavior with an emphasis on the individual and society. Family and kinship, social organization. Societal types, personality, and the life cycle.

### ISS 215 Social Differentiation and Inequality (D)

Types, causes and consequences of stratification in human societies. Age, class, gender, race and other factors that define social position. Education, occupation, political economy.

### ISS 220 Time, Space and Change in Human Society (D)

Evolutionary, ecological, and spatial theories of adaptation and change. Cultural evolution from prehistoric foraging to the post-industrial age. Continuity and change in the emergence and development of contemporary ways of life.

### ISS 225 Power, Authority, and Exchange (D)

Power, authority, and exchange in organizing societies. Costs and limitations of power. Institutionalization of authority. Systems of exchange: planned vs. market economies.

### ISS 230 Government and the Individual (D)

Critical examination of the role of government in regulating individual behavior. Implications for cultural values and beliefs and modes of behavior. Analysis of consequences of different theories for resolving or creating problems in public policy.

### ISS 235 Liberal Democracy as a Way of Life (D)

Cultural tendencies of liberal democracy that form the characters and constitute the ways of life of individuals in liberal democracies.

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## 300-LEVEL ISS COURSES

### ISS 305 Evaluating Evidence: Becoming a Smart Research Consumer

Statistical and methodological principles from the perspective of a critical consumer of social science research results. Recognizing non-empirical assertions, necessary bases for inferring relationships and causal relationships, common threats to research validity, and pertinent biases in human judgment.

### ISS 308 Social Science Approaches to Law (D)

Law theories, practices, methodologies. Social, cultural, institutional, global, environmental, family, or historical context.

### ISS 310 People and Environment (I)

Contemporary issues related to the interaction of socio-cultural and ecological systems. Global, regional, national and local environmental problems and responses.

### ISS 315 Global Diversity and Interdependence (I)

Contemporary issues in global political economy. Social forces and competing ideologies in a world context. Global resource distribution and development strategies. National identities and transnational linkages. First- and Third-World dichotomies.

### ISS 318 Lifespan Development Across Cultures (I)

Cultural aspects of biopsychosocial development across the lifespan. Physical development, health and healing. Cognition and language socialization. Views of self, gender, family, and social relationships. Adult development and intergenerational relationships within the context of culture. National and international issues related to human development.

### ISS 320 World Urban Systems (I)

Patterns of urbanization in various areas of the world over time. Linkage within and between urban centers. Economic, political and social/behavioral accommodation and adaptation to urban growth and change.

### ISS 325 War and Revolution (I)

Social conflict, wars and revolutions. Patterns of individual and collective action. Violence and conflict resolution.

### ISS 327 Risk and Society (D)

Assessment, management, and communication of risk. Role of media in amplifying risk. Topics may include gangs, terrorism, health, stock markets, job markets, sports, food, and traffic. Similarities and differences in understanding risk among scientists and the public, and between natural and social scientists.

### ISS 328 The Social Science of Sports (I)

Contemporary issues in sports. Critical examination of the industrial organization, public finance, labor relations, earnings, discrimination, and historical context of sports in society. Analysis of sports gambling, performance enhancement, and strategic decision making.

### ISS 330A Africa: Social Science Perspectives (I)

Comparative study of geography, cultures, politics, and economies of Africa. Diversity and change.



### **ISS 330B Asia: Social Science Perspectives (I)**

Comparative study of geography, cultures, politics, and economies of Asia. Diversity and change.

### **ISS 330C Latin America: Social Science Perspectives (I)**

Comparative study of geography, cultures, politics, and economies of Latin America. Diversity and change.

### **ISS 335 National Diversity and Change: United States (N)**

Racial, ethnic, class, gender, and other forms of diversity in the United States. Systems of dominant-minority relations and forms of prejudice and discrimination. Scope of and responses to group inequalities.

### **ISS 336 Canada: Social Science Perspectives (I)**

Canadian political, economic, and social institutions. Ethnic and other forms of diversity in Canada. North American national comparisons.

## **ISB COURSE DESCRIPTIONS**

### **ISB 200 History of Life**

Life from its origin to the dawn of human history. Living things as both the products of evolutionary processes and as a major force driving evolution and altering the environment of planet earth.

### **ISB 201 Insects, Globalization, and Sustainability**

The relationship between insects, human society, and the environment with an emphasis on ecological and evolutionary processes. Critical evaluation of current regional and global environmental problems and how they are affecting the development of a sustainable society.

### **ISB 201L Insects, Globalization, and Sustainability Laboratory**

Problem-based learning activities involved with observing, hypothesizing, experimenting, and the analysis of data related to environmental science.

### **ISB 204 Applications of Biomedical Sciences**

Historical and recent development of knowledge about cellular developmental or genetic processes. Critical evaluation of the use and misuse of scientific discoveries in these areas.

### **ISB 208L Applications in Biological Science Laboratory**

Problem-solving activities based on observation and interpretation of selected biological systems.

## **ISP COURSE DESCRIPTIONS**

### **ISP 203B Understanding Earth: Natural Hazards and the Environment**

Science as a way of knowing about natural hazards, as well as natural and anthropogenic environmental change. Implications for societies.

### **ISP 203L Geology of the Human Environment Laboratory**

Exercises in the scientific method applied to earth materials and their impact on society.

### **ISP 205 Visions of the Universe**

Role of observation, theory, philosophy, and technology in the development of the modern conception of the universe. The Copernican Revolution. Birth and death of stars. Spaceship Earth. Cosmology and time.

### **ISP 205L Visions of the Universe Laboratory**

Observations of the sky, laboratory experiments, and computer simulations exploring the development of the modern conception of the universe.

### **ISP 207 World of Chemistry**

The language, concepts, models and techniques of chemical science, including atomic theory; nuclear energy; acids; chemicals in air, water, food and biological systems.

### **ISP 207L World of Chemistry Laboratory**

Chemical combinations and reactivity with respect to such materials as acids, bases, dyes, foods, and detergents.

### **ISP 209 The Mystery of the Physical World**

Laws of physics through demonstrations and analyses of everyday phenomena. Optics, mechanical systems and electromagnetic phenomena.

### **ISP 209L The Mystery of the Physical World Laboratory**

Physical phenomena: optics, mechanical systems and electromagnetics.

### **ISP 213H Navigating the Universe**

Philosophical and biographical history of physics. Comparing physics of fields, relativity, quantum mechanics, elementary particle physics, and cosmology to art as an alternate way of understanding and representing the world.

not a complete list



**ISP 215 The Science of Sound**

The science of speech, communication, musical instruments, room acoustics, and analog and digital audio. Integrating the physical, physiological, and psychological principles involved.

**ISP 217 Water and the Environment**

Application of the scientific method to identification and solution of environmental problems related to water.

**ISP 217L Water and the Environment Lab**

Application of the scientific method to identification and solution of environmental problems related to water.

**ISP 220 Quarks, Space, Time, and the Big Bang**

Elementary particle physics and the Big Bang for non-scientists. A survey of particles and forces in the early universe as it is recreated at high-energy particle colliders in laboratories around the world.

**ISP 221 Earth Environment and Energy**

Flow of energy into, through, and out of the earth's lithosphere, hydrosphere, atmosphere, and biosphere. Energy, entropy, and life processes. Global warming, greenhouse effect, and contemporary issues.

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