

# Student Academic Engagement

## Office for Study Away

**Director:** Josh Carter

The UAB Office for Study Away offers students the opportunity to compliment and enhance their degree programs by earning credit toward their degree requirements while studying and living outside the Birmingham, Alabama area.

### Mission

The UAB Office for Study Away's mission is to prepare our undergraduate students to be **active and responsible global citizens** through academically sound international and domestic educational exchange opportunities.

### Vision

Our vision is to be recognized as a quality **provider of innovative & engaging educational exchange experiences in a variety of multicultural settings**. We transform our students into catalyst for change in local, national, and global arenas.

### What is Study Away?

Study Away is defined as any academically sound program of study which takes place in a foreign location which shall be defined as any location outside the boundaries of the 50 United States of America. U.S. Protectorates such as the U.S. Virgin Islands and Puerto Rico are included in the definition of such foreign locations. Study Away is also defined as any academically sound program of study which takes place through domestic exchange programs such as the National Student Exchange or The Washington Center. Other similar programs may fall under this definition and may be approved on a case-by-case basis by the UAB Office for Study Away. These programs of study include but are not limited to undergraduate or graduate level coursework toward the completion of a degree program, internships and/or research projects carrying academic credit or which are a component of a degree program, field studies which are part of a particular class, clinical or observational externships which fulfill curricular requirements.

### Eligibility

1. Good Academic Standing and at least Sophomore level.
2. Minimum Cumulative GPA of 2.7 or above (The UAB Office for Study Away will consider students with a lower GPA if the program to which the student is applying requires a lower minimum GPA.)
3. Permission of UAB Office for Study Away and/or Faculty Leader

### Types of Programs

1. **International Reciprocal Exchanges** are programs for which UAB has an established affiliation agreement with a foreign university. Upon consultation with the UAB Office for Study Away Director and approval by their academic advisor, chair of the department in which an equivalent course would be offered and the chair of the department responsible for the student's major; students may enroll in a combination of the following course levels:

100-199 SA Level I Special Topics

200-299 SA Level II Special Topics

300-399 SA Level III Special Topics

400-499 SA Level IV Special Topics

500-599 SA Grad Level I Special Topics

600-699 SA Grad Level II Special Topics

**NOTE:** Study Away International Reciprocal Program prefixes will begin with IN ( to indicate that the course took place away) and a two-letter code such as ME (Mechanical Engineering), GN (German), SP (Spanish), etc. to indicate the subject area that was studied:

INAB – Study Away Arabic  
INAH – Study Away Art History  
INAR – Study Away Art Studio  
INBY – Study Away Biology  
INCH – Study Away Chinese  
INEH – Study Away English  
INGN – Study Away German  
INHY – Study Away History  
INIS – Study Away International Studies

INJP – Study Away Japanese  
INME – Study Away Mechanical Engineering  
INMG – Study Away Management  
INMK – Study Away Marketing  
INPE – Study Away Physical Education  
INPS – Study Away Political Science  
INPY – Study Away Psychology  
INSP – Study Away Spanish

**Faculty-Led Short-Term Programs** are UAB classes that are developed and taught by UAB faculty members and have some portion of the class (a minimum average of at least two weeks) that takes place in a foreign setting as defined under “What is Study Away.” These classes will appear in the UAB course schedule book with a section and delivery method code of SA (Study Away). Such faculty-led classes are generally taught during the summer term.

**3rd Party International Programs** offer a large selection of study away programming to suit the particular needs of most students. Once these study away courses have been approved by the UAB Office for Study Away Director and by the student’s academic advisor, chair of the department in which an equivalent course would be offered and the chair of the department responsible for the student’s major; and upon successful completion of said program and receipt of the official transcript from the foreign institution, course grades and credits will be treated as Transfer Credit and will be posted as follows:

INTL 100-199 SA Level I Special Topics	INTL 400-499 SA Level IV Special Topics
INTL 200-299 SA Level II Special Topics	INTL 500-599 SA Grad Level I Special Topics
INTL 300-399 SA Level III Special Topics	INTL 600-699 SA Grad Level II Special Topics

**National Student Exchange (NSE)** is a consortium of 190 member colleges and universities in the U.S., Canada, and Puerto Rico. UAB was accepted as a member in July, 2007. Once these study away courses have been approved by the UAB Office for Study Away Director and by the student’s academic advisor, chair of the department in which an equivalent course would be offered and the chair of the department responsible for the student’s major; and upon successful completion of said program and receipt of the official transcript from the host institution, course grades and credits will be treated as UAB Credit and will be posted as follows:

NSE 100-199 SA Level I Special Topics	NSE 400-499 SA Level IV Special Topics
NSE 200-299 SA Level II Special Topics	NSE 500-599 SA Grad Level I Special Topics
NSE 300-399 SA Level III Special Topics	NSE 600-699 SA Grad Level II Special Topics

**NOTE:** *NSE course prefixes will also be designated with the letter A or B (NSEA or NSEB) to indicate the enrollment/payment method chosen by each student. A (0 tuition/fee hours) indicates that students pay tuition and fees to host institution and B (0 to 18 tuition/fee hours) indicates that students pay tuition and fees to UAB.*

**The Washington Center (TWC)** provides diverse, highly motivated interns to thousands of organizations in government, business and the non-profit sector. They contribute significantly to their placements and often prove to be of longer-term interest as prospective employees. More broadly, The Washington Center maintains a vital role in service to society as a whole, developing the workforce of the future and encouraging all of its participants to be informed, public-spirited and civically engaged. For this reason, The Washington Center has support from a growing array of states, federal agencies, corporations, foundations, and private donors. Once these study away courses have been approved by the UAB Office for Study Away Director and by the student’s academic advisor, chair of the department in which an equivalent course would be offered and the chair of the department responsible for the student’s major; and upon successful completion of said program and receipt of the official transcript from the host institution, course grades and credits will be treated as Transfer Credit and will be posted as follows:

**Internship (TWC 300)** The full-time (minimum **35 hours per week**) internship: Evaluation is based upon submission to TWC of student portfolio documents, agency supervisor evaluations (midterm and final) and evaluations by the student's TWC's program manager (initial and end). The student's agency supervisor recommends a grade and TWC program supervisor gives an overall evaluation of the student's work (including the portfolio) and recommends a final internship grade. 3 to 12 semester hours of credit.

**Washington Center Evening Course (TWC 301)** TWC evening course required of all interns: This course, taught by a qualified instructor at the master's level or higher, requires a combination of regular attendance, active class participation, written work (research paper, essays, examinations, etc.) and class projects. Students are given a list of courses prior to arrival and indicate their choice of courses. Classes meet up to **3 hours each week** and are held in TWC offices or other convenient locations. 3 semester hours of credit

**Washington Forum (TWC 300L)** The Washington Forum (**required half-day academic programming**): This includes student attendance at the Presidential Lecture Series, Congressional Speakers Series, Embassy Visit Program, briefings, tours, workshops and other activities. The purpose of The Washington Forum is to help all students better understand the world of the nation's capital—its peoples and institutions, its political processes, the issues debated and the policies forged there—and the potential impact of these endeavors on the students' future professional lives. 0 credit lab.

## **2 Week TWC Academic Seminars (TWC 302)**

**Academic Seminars (January, May and/or August Only)** Academic seminars are short-term participatory learning programs that involve major speakers, site visits, small group discussion sessions, workshops and other planned activities allowing students to explore specific topics under the guidance of qualified faculty. Some programs have additional components, such as fieldwork assignments & mentor-for-a-day activities. Students are required to attend seminar sessions, complete reading requirements, complete a structured academic journal and prepare an essay. In the past few years, TWC has been presenting seminars called **Inside Washington that focus on politics, the presidency, the Congress and the media**. During presidential election years, [TWC] usually runs a series of **seminars that focus on the presidential race in January, followed by programs on-site at the Democratic and Republican National Conventions, culminating with a special January program on the presidential inauguration**. Enrollments in the January Seminars and Convention Programs are separate. 3 semester credits.

**Academic credit is awarded based on the evaluation provided by TWC.** In 2008, Academic Seminars are only offered in January and August.

**NOTE:** *Students MUST arrange for a consultation with the UAB Study Away Director to discuss academic credit transfer issues to ensure the proper posting of coursework earned from each type of study away experience. These programs are available to any UAB student, but this broad availability does not guarantee that coursework will articulate to UAB or count toward completion of a degree. In all cases the UAB Office for Study Away works in tandem with Academic Programs and Policy and the UAB Schools to provide a multitude of possible course equivalencies so that students can more smoothly integrate a study away experience into their degree program(s).*

Application, enrollment circumstances, credit evaluation, credit transfer, and deadlines vary according to individual programs and are coordinated through the UAB Office for Study Away. Contact the UAB Office for Study Away Director at (205) 975-6611, or via the UAB Office for Study Away website at [www.studyabroad.app.uab.edu](http://www.studyabroad.app.uab.edu) for further information concerning various programs, the resource library, references for peer consultation and academic advising, and financial aid applicability and contacts.

## **Study Away Grading Policy**

### **Grade Assignments**

Auditing of any UAB Study Away approved classes/courses/programs will not be permitted. This policy has been put into effect to ensure full participation by all students on such approved programs. This policy includes faculty-led, 3rd party, and reciprocal exchange programs.

For those programs in which a UAB faculty member is teaching a class, the faculty member/instructor will assign the final grade as is normally done for any regular UAB class taught on campus. See the Grading Policies and Practices section of the UAB Catalog of Undergraduate Programs.

In most cases letter grades shall be assigned. Assignment of a pass/fail grade will be left to the discretion of the faculty leader/instructor of the course and will be determined on a case-by-case basis.

In all cases, students must participate fully in all course activities and meet all stated course requirements. In cases where a student is receiving final grade evaluation from an approved institution, UAB will honor the U.S. equivalent of the final grade that is assigned by that host institution and posted to the official transcript of said host institution. If an institution assigns a pass/fail grade on the official host institution transcript, then the UAB transcript will reflect such a pass/fail final grade.

## Posting of Grades

International Student Exchange/Study Abroad UAB Students enrolled in an approved study abroad program are treated in one of three ways:

1. Coursework completed by students participating in third party programs are posted as transfer credit.
2. Students participating in reciprocal exchange and are enrolled at UAB for tuition and enrollment verification purposes, and coursework earned at the exchange institution is posted as UAB credit with a course prefix of INxx
3. UAB faculty-led courses are designated with SA following the course title

National Student Exchange UAB Students enrolled in the National Student Exchange for a given term will be enrolled at UAB for either NSEA 001 (if paying tuition and fees at a NSE member school) or NSEB 001 (if paying tuition and fees at UAB) for tuition enrollment verification purposes. Actual course work earned at the exchange institution will be articulated to UAB course work and posted as UAB credit.

## Office for Service Learning

### What is Service Learning?

UAB's Office for Service Learning promotes service-learning courses in which students engage in service within the community as an integrated aspect of a for credit course. Students participate in an organized service activity and reflect on that activity in such a way as to gain further understanding of course content, a broader appreciation of the discipline, and an enhanced sense of personal and social responsibility

### Mission, Vision, and Learning Objectives

**The Mission of Service Learning** is to produce participatory citizens through opportunities that integrate academic learning and civic engagement for the mutual benefit of students and community. The Office for Service Learning's mission is to promote such opportunities.

**The Vision of Service Learning** is that through participation in service learning UAB students will become active participants in the civic affairs and social life of the community at the local, state, and national levels.

#### Key Learning Outcomes of Service Learning are:

1. **Attitudinal:** A student who participates in service learning develops an enhanced appreciation of community issues/needs
2. **Behavioral:** A student who participates in service learning increases his or her involvement with community affairs
3. **Cognitive:** A student who participates in service learning gains an understanding of how the knowledge, skills, and abilities learned in the course apply to every day life

## **Benefits to Students of Service Learning are:**

- A better understanding of course material and a greater ability to apply course concepts outside the classroom
- Higher gains in academic skills, life skills, and personal and social responsibility
- Increased engagement, curiosity and reflective practice
- Clarification of career goals

## **Service-Learning Courses offered at UAB**

UAB faculty is continually evolving their courses to include service learning pedagogy. Eligibility to participate in a service learning course depends on the particular course requirements as established by the Department and faculty member concerned. Below are some examples of such courses.

### **Arts and Humanities**

**Foreign Language Internship** is an opportunity to engage in **service learning**. It is a faculty-supervised opportunity for practical experience in tasks of international scope may provide opportunities to use language(s) studied or applications of cultural knowledge. Foreign Language majors have the opportunity to work on an internship in the community before graduation. The field experience credit hours normally count towards general electives credit and cannot replace language courses. This is a practical experience with responsibilities and rewards. It provides opportunities to turn theory into practice; learn intangibles of the workplace; gain insights into the strengths and weaknesses of formal education; and make contacts to help further career development. Students work with Hispanic Interests Coalition of Alabama (HICA), hospitals and clinics, Hoover Multicultural Resource Center, and inner city schools.

### **Business**

**Strategic Management (BUS 450)**, the current capstone integrative course for all graduating business students focuses on how business firms formulate, implement and evaluate strategies. Students use the knowledge acquired from prior business courses, coupled with new strategic management techniques learned, to chart the future direction of different community businesses most of which are non-profit organizations. The major responsibility of the student is to make an objective, a strategic decision and to justify it through oral and written communication. This activity provides a forum for students to be involved in the practical application of business principles and strategies, while affording community business with constructive and professional information that will help them develop and maintain cost-effective operations. Therefore, the course provides enhanced academic learning which actually complements traditional classroom pedagogues, resulting in an enriched learning experience.

### **Education**

Aspects of service learning are built into virtually every required course in every program within the School of Education. For one example, students taking **Developmental Reading** tutor at Better Basics as part of a long-term arrangement. Sections of **Developmental Reading I** are taught at Glen Iris Elementary and UAB Child Care Center.

Future service-learning opportunities will include courses offered as part of Alabama Hands-On Activity Science Program Education Counseling.

Service Learning is being integrated in the Counselor Education Program.

SHAPE (Sexual Health Awareness through Peer Education) Education Course offered as Undergraduate Course (HE 490 00C) or Graduate Course (HE 691 00C).

### **Engineering**

Some classes in engineering also have service learning as a required component. This is especially common in the capstone Senior Design classes. Past classes have included such activities as designing and building physical therapy devices for the Bell Center in Birmingham, and completing the survey and site development plan for a proposed neighborhood park.

### **Health Professions**

Health Professions recognizes service-learning pedagogy as a good fit with health professions education and is in the process of modifying and initiating courses that fall within rubric of service-learning. All of the school's programs require hands-on learning experiences in real-life clinical and business settings.

## **Natural Science & Mathematics**

Service Learning is a component of the Environmental 108 Course

### **Medicine**

#### **Patient, Doctor And Society - Dr. Stephen Smith**

This course includes a service-learning component in which students engage with a community partner to highlight the importance of effective communication, and understanding cultural identity and cross cultural relationships in clinical medicine practice.

### **Nursing**

Community Health Nursing Courses include a strong service-learning Component

### **Public Health**

**The Origins of the Epidemics: How Public Health Defines Populations and Nations (PUH 301)** Public health identifies the origins of epidemics the control of which defines populations and nations. The intellectual tools of public health describe diseases from cholera and pandemic avian influenza to obesity and diabetes that threaten the integrity of organized societies. This course explores the richness of public health through its disciplines and its stories to demonstrate how the understanding of the origins of epidemics determines the progress of civilization. The course may include a small group project in which each group selects a public health community service project designed to expose the students to significant contemporary public health issues in Birmingham.

### **Social and Behavioral Science**

**Civic Engagement SBS 303 for SBS Honors Students** a three credit hour service- learning course (7 students fall 2007). Each student works with a selected community partner, engages in regular structured oral and written reflection, focuses on a community issue, prepares a final paper and presentation.

**Intro to Digital Community Studies (DCS 101)** This class explores the concept of community through the lens of urban redevelopment. Using Birmingham as the unit of analysis, students will investigate the design and social dynamics of urban communities through the use of digital applications and direct field experience. Students will be introduced to a wide range of digital applications that can be used to represent Birmingham's history, culture and environmental landscape. Explore how social scientists can employ a variety of digital technologies such as photography, filmmaking, and podcasting to investigate, analyze and represent important issues such as sustainable development, the environment, and cultural diversity.

**Special Topics: Perceptions of Poverty in America (SOC 488)** (21 Students spring 2008) This service-learning course engages students in critical analysis of perceptions and policies toward those living in poverty in the United States while providing essential tax preparation and financial literacy services to members of our local community. Academic coursework focuses on perceptions and misperceptions of those in poverty, race and poverty, socioeconomic issues faced by low-income families, federal and state policies toward working families, and predatory lending practices that erode wealth. In addition to classroom discussions, students participate in the SaveFirst Initiative, which trains college and graduate students to offer free tax preparation services and financial literacy information to working families across the state of Alabama. Students are trained to complete tax returns and then use this expertise to serve low-income individuals at sites in the greater Birmingham area.

**Sociology Practicum 488** Service-learning within sociology is a supervised community service project related to sociology and social policy through which a student expands his/her knowledge of society, practices critical thinking and the values and skills needed for effective citizenship, and has the opportunity to address some social problem or problems. The student will: (1) engage in a service activity with a selected community partner, (2) reflect on service activities through journal entries and meetings with the professor, and (3) integrate engagement, reflection and social science concepts in a final paper. The course aims to involve the student in service learning projects conducive to the development of the sociological imagination and the examination of the connection between sociology and citizenship

**Community-Based Practicum In Psychology PY 397** This program was established to provide students with an opportunity to receive academic credit for participating in service activities in the community that involve the application of psychological knowledge. Supervisors and settings vary widely, but often involve a clinic, center, or other setting that provides mental health or related psychological services. Historically, students have participated in community practica at such agencies as the Crisis Center, Family Court, Department of Human Resources, and Children's Hospital. The student must be engaged in meaningful work of a psychological nature, and supervised by a psychologist, licensed counselor or other qualified professional. <http://www.psy.uab.edu/PYundergrad/PY397.html>

**Ethnographic Film-Making (DCS 401)/(HON 316)/(ARS 406 & 407)** An interdisciplinary course offered through the School of Social and Behavioral Sciences, Center for Urban Affairs and University Honors Program. The goal of the course is for student pairs to produce a short documentary film which represents a community in the Birmingham area. The course contains four key elements: 1) community outreach, 2) intro to social science theory and methods, 3) film theory and the aesthetics of filmmaking, and 4) technical aspects of camera work and digital video editing. The course encourages students to explore the meaning of community at the group/collective level and the individual level and to create films examining issues affecting the Birmingham community, including housing, education, healthcare, immigration, poverty, and the environment.

**Social Work Majors** are engaged in service learning courses as part of their major.

**Political Science 494 - Public Affairs Internships** Students engage in service-learning with community agencies, prepare written reflections and a final paper on an issue relating to the work of their community partner

### **Fall 2008 Freshman Learning Communities with Service Learning Components**

**Computer Sciences CS 101** - One section is an FLC geared toward training students in fluency in technology. There is a hands-on basic component - a project that students will take eight weeks to complete. The students can choose their projects but a number of them use this opportunity to build something for a service agency.

**Dollars and Sense: An Introduction to Business, Economics, and Personal Finance (two sections) (LCB 101)** This FLC introduces students to the fundamentals of business and economics as they relate to everyday life, to the programs in the School of Business, and to career opportunities for business majors. Early financial literacy fosters lifetime personal financial planning and a practical understanding of supply, demand, and price determination. Curriculum includes a stock portfolio simulation. This FLC includes LCB 101 Freshman Seminar: Dollars and Sense, BUS 101 Introduction to Business, EC 210 Principles of Microeconomics, and EH 101 English Composition I or CM 101 Public Speaking.

**Exploring Birmingham: In Search of Community** This [FLC](#) introduces students to the varied social, political and economic aspects of the largest city in Alabama through experiential learning. Even students who grew up in the Birmingham metropolitan area will be astonished by this introductory survey of the city they've taken for granted. Students will conduct empirical research doing field work in areas of the Birmingham community, evaluate historical visual documents, and relate their research to contemporary issues. Curriculum includes City as Text© pedagogy and the Buying Birmingham game. This FLC includes the Freshman Seminar LCS 101 Exploring Birmingham: In Search of Community, HY 121 US History Since 1877, and SOC100 Introduction to Sociology.

**Freshman Year Experience (three sections)** This FLC provides students with the foundation for collegiate success by strengthening critical thinking, problem solving, and decision making skills. Curriculum includes reviewing a range of study and learning techniques appropriate to different students and learning to efficiently and accurately communicate data using charts, graphs, and tables. This FLC includes UNIV 101 The University Experience, EH 101 English Composition I, and SOC 100 Introduction to Sociology or HY 102 Western Civilization II.

**Impacting Community Through Service Learning** This FLC is a hands-on, experiential study of the helping professions in the classroom and through on-going service within the community through community agencies. Curriculum introduces sociological connections between race, class, and other social identities of gender, age, and ability. Students are introduced to basic skills in counseling, crisis intervention, and working with special populations. This FLC includes LCSL 101 Freshmen Seminar: Impacting Community through Service Learning, EH 101 English Composition I, and SOC 100 Introduction to Sociology.

**University 101 Courses** Commencing Fall 2008, all nine U-101 Course Sections will incorporate service learning as part of the U-101 Project.

## Honors Academy Opportunities

**Global and Community Leadership Honors Program** The GCL Honors Program is constructed to have Service Learning as an integral part of the program. By the time students reach their junior year, they will have identified an issue of community and global significance applying knowledge to a particular issue. In Junior year students will take a 10 week service-learning course in which they will be connected to a community organization and will engage in structured reflection. This will be required and then after that they'll do something off campus focusing on their particular issue in preparation for their thesis.

**University Honors Program** Students participating in the University Honors Program have various opportunities to engage in Service Learning, including through a Seminar in which University Honors students work with middle school students at Arrington Middle School

**Science And Technology Honors Program** Dr. Mary Williams of Center for Community Outreach Development (CORD) is working in conjunction with Dr. Diane Tucker, Director Science and Technology Honors Program, to develop a for credit service learning course providing service learning opportunities for students in the hard sciences

## Study Away Service Learning Opportunities

UAB is part of the National Student Exchange through which our students have the opportunity to go to other universities and to be involved in service-learning at other campuses.

International Service-Learning Opportunities include:

- Child Family Health International (HIV/AIDS in India)
- International Partnership for Service-Learning
- Engineers without Borders
- School of Nursing - Global and Community Health in Honduras

## Undergraduate Research

**Director:** Christopher Reaves

### What is Undergraduate Research?

Undergraduate research is a student-faculty collaboration to examine, create and share new knowledge or works in ways commensurate with practices in the discipline. The projects may involve inquiry, design, investigation, scholarship, discovery, application and/or performance. Each project typically concludes with the production of a substantial work product.

### Mission

The mission of the Office for Undergraduate Research is to advance student learning through research.

## **Vision**

The vision of the Office for Undergraduate Research is that all undergraduate students interested in engaging in research, scholarship or a creative activity in collaboration with a mentor are provided the opportunity to do so.

## **Description**

The Office serves as a one-stop clearinghouse for undergraduate research. We define research quite broadly to include undergraduate scholarly works and creative activities. We promote and facilitate research by undergraduate students across all the various disciplines at UAB. The Office provides information and tools necessary to educate undergraduate students about research, help them find and engage in fulfilling research opportunities, and assist students in communicating their findings. We strive to educate and train undergraduates to become professionals in their respective disciplines by having them work closely with experts in the field and developing the practical skills needed to be a practitioner of the discipline. Additionally, we work closely with faculty to support ongoing undergraduate research efforts, as well as to assist those interested in adopting a research pedagogy and/or serving as a mentor.

## **What are the responsibilities of Office for Undergraduate Research?**

- Facilitating connection between faculty and students interested in undergraduate research
- Providing outlets and opportunities for communicating results of student research
- Promoting undergraduate research to internal and external audiences
- Coordinating central support for undergraduate research

## **Undergraduate Research Courses offered at UAB**

Research has always been a mainstay of the undergraduate education experience. Participation in a research course is dependent on each particular course requirements as established by the associated Department and faculty member. Below are some examples of such courses.

### **Art Studio**

#### **ARS 362 - Creative Strategy for Advertising Design - 3**

Creative concepts and strategy for design of advertising campaigns. Research and presentations. *Prerequisite:* ARS 350, EH 102, MC 101, or approved substitute. 3 hours. This course is cross listed as MC 320.

#### **ARS 387 - Field Study in Art Studio - 3**

On-site research at art venues such as prominent museums, galleries, and studios, some of which are typically unavailable to the general public, and other related sites either in the United States or in foreign countries. Preliminary meetings in Birmingham, and significant studio and written assignments required. *Prerequisite:* ARS 200

#### **ARS 487 - Field Study in Art Studio - 3**

On-site research at art venues such as prominent museums, galleries, and studios, some of which are typically unavailable to the general public, and other related sites either in the United States or in foreign countries. Preliminary meetings in Birmingham, and significant studio and written assignments required. *Prerequisite:* ARS 200

### **Business**

#### **BUS 400 - Business Honors Seminar - 3 hrs**

This course will facilitate completion of an accepted Business Honors Thesis/Project Proposal. Students conduct independent research and present work in progress. *Prerequisite:* Acceptance into the School of Business Honors Program and BUS 300. *Prerequisites:* BUS 300

### **Health Education**

#### **HE 490 - Special Projects in Health Education - 1 to 6**

Exploration of health-related topic via professional literature or research project.

### **Engineering**

#### **EGR 301 - Honors Research I - 1**

Introduces students to research methodology, ethics, data analysis, and technical communication. Students must be invited into program in order to enroll. *Prerequisites:* MA 227 or EGR 265

### **EGR 302 - Honors Research II - 1**

Introduces honors students to research possibilities available in School of Engineering departmental honors programs. *Prerequisites:* EGR 301

### **BME 495 - Honors Research II - 1 to 3**

Research opportunities for undergraduate students in the Biomedical Engineering Honors Program. Research areas include cardiac electrophysiology, brain imaging, biomedical implants, and tissue engineering. *Prerequisites:* BME 494 or BME 395

### **CE 440 - CE Honors Research - 3**

Departmental honors students work closely with faculty researchers and graduate students in departmental concentration specialties to develop research skills.

## **Health Sciences**

### **AHS 421 - Independent Study - 1 to 3**

Media research to develop paper and oral presentation on approved topic.

## **Biology**

### **BY 398 - Undergraduate Research - 1 to 3**

Research project under supervision of faculty sponsor. May be repeated for a total of 3 semester hours credit. *Prerequisites:* 12 semester hours of BY with GPA of 3.0 and permission of instructor.

### **BY 498 - Honors Research - 1 to 6**

Research project for students admitted to Honors Research Program. Two or three terms required during which minimum of 6 semester hours must be earned. Grade assigned at completion of program. *Prerequisites:* 18 hours of biology with minimum GPA of 3.5 in biology classes and admission to Honors Research Program.

### **MESC 491 - Research on Special Topics - 1 to 6**

Enrollment by special arrangement in any subject listed. *Prerequisite:* Permission of MESC representative, Department of Biology.

## **Chemistry**

### **CH 497 - Senior Research - 3**

Research project under supervision of chemistry faculty sponsor. Two semesters are required for minimum accumulation of 6 semester hours. A comprehensive written report in ACS format is required. *Prerequisites:* CH 237 and CH 238; GPA 2.5 or greater in chemistry courses; permission of instructor, and chemistry academic advisor.

## **Computer and Information Sciences**

### **CS 398 - Undergraduate Honors Research - 1 to 3**

Research project under supervision of faculty sponsor. *Prerequisite:* 18 semester hours in computer science with grade point average of 3.5 in computer science and permission of instructor.

## **Mathematics**

### **MA 498 - Research in Mathematics - 1 to 12**

Topics vary; may be repeated for credit.

### **MA 499 - Research in Mathematics - 1 to 12**

Topics vary; may be repeated for credit

## **Physics**

### **PH 495 - Honors Research - 3**

Research in an area of active research, under the direction of a faculty sponsor and the Honors Committee. May be repeated.

### **PH 498 - Directed Research - 1 to 6**

Directed Research.

## **Nursing**

### **NUR 493 - Honors Seminar I: Research Option - 2**

Content focuses on the development of a researchable project. Admission to the School of Nursing Departmental Honors Program. NUR 361 Honors is a pre or co-requisite.

### **NUR 495 - Honors Seminar II: Research Option - 2**

Content focuses on the completion of the research project developed in NUR 493. Continuation in the School of Nursing Departmental Honors Program is required.

## **Digital Community Studies**

### **DCS 401 - Ethnographic Filmmaking - 6**

This course is an interdisciplinary course in which students pair up to produce a short documentary film which represents a community in the Birmingham area. The course contains four key elements: 1) community outreach 2) introduction to social science theory and methods, 3) film theory and the aesthetics of filmmaking, and 4) technical aspects of camera work and digital video editing.

*Prerequisites:* DCS 101 and DCS 201

### **DCS 450 - Advanced Digital Community Studies - 3**

This course will serve as a continuation of DCS 401, offering students the opportunity to develop more in-depth projects and will receive instruction in advanced technical skills for multimedia production.

*Prerequisites:* DCS 401

### **DCS 460 - Independent Digital Community Studies - 3**

This course will provide an opportunity for advanced students to pursue individual projects in multimedia studies. *Prerequisites:* DCS 401

### **DCS 470 - Internship in Digital Community Studies - 3**

Students will engage with community partners and organizations through service and research partnerships. *Prerequisite:* DCS 401

## **Gerontology**

### **GER 488 - Sociological Practice - 3**

Students will be involved in community research projects related to intergenerational relations, aging, medicine, and/or health. Placement in community organizations, e.g. schools, senior centers, to focus on research methods related to social policy. *Prerequisites:* SOC 100

### **GER 490 - Independent Study: Sociology - 1 to 3**

Individually designed programs for students wishing to conduct semi-independent research or guided reading in gerontology.

### **GER 491 - Independent Study: Sociology - 1 to 3**

Individually designed programs for students wishing to conduct semi-independent research or guided reading in gerontology.

## **International Studies**

### **ITS 497 - Honors Research in International Studies - 3**

Directed honors research by International Studies Honors students. *Prerequisite:* open only to International Studies Honors students by permission of ITS director.

## **Women's Studies**

### **WS 491 - Dir Studies Women's Studies - 1 to 3**

Independent research with faculty guidance on selected gender-related issues.

## **Anthropology**

### **ANTH 498 - Honors Thesis Research - 3 to 6**

Independent development of research project.

## **Political Science**

### **PSC 496 - Independent Study/Special Projects - 1 to 3**

Selected Reading or research under supervision of member of PSC department.

### **PSC 497 - Hon Res in Political Science - 3 to 6**

Directed research by Political Science Honors student. *Prerequisites:* PSC 401 or PSC 402 or PSC 403 or PSC 404

### **Urban Affairs**

#### **UA 496 - Urban Research - 3**

Directed research for students with adequate background in methods and statistics; classroom introduction to research methodology and directed group research for those without significant research statistics background.

#### **UA 497 - Urban Research - 3**

Directed research for students with adequate background in methods and statistics; classroom introduction to research methodology and directed group research for those without significant research statistics background.

### **History**

#### **HY 401 - Honors Thesis - 3**

Independent research project for honors students in history, directed by faculty advisor. Course taken twice to produce thesis for Honors in History.

### **Justice Sciences**

#### **JS 490 - Indep Res in Criminal Justice - 1 to 3**

Independent readings, research or project approved and directed by a criminal justice faculty member who supervises proposed plan of study. Permission of Department Chair.

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Independent readings, research or project approved and directed by a criminal justice faculty member who supervises proposed plan of study. Permission of Department Chair.

### **Psychology**

#### **398 - Research Practicum in Psychology - 1 to 6**

Project or research activity supervised by faculty. Cannot be taken Pass/Fail. Prerequisite: permission of Director of Undergraduate Studies or PY Advisor

### **Sociology**

#### **SOC 488 - Sociological Practice - 3**

Students will be involved in community research and/or service-learning projects related to a substantive area of sociology or gerontology. Placement in community organizations to focus on research or practice related to social policy. *Prerequisites:* SOC 100

#### **SOC 490 - 495 - Independent Study: Sociology - 1 to 3**

Individually designed programs for semi-independent research or guided readings in areas and subjects otherwise unavailable. Irregularly offered courses on special topics in sociology. Varies in content. May be repeated for credit but topic may not be repeated. *Prerequisites:* SOC 100

### **UAB Honors Academy**

#### **UAB Honors**

##### **Independent Study**

Students may propose an internship or independent study project in place of one seminar. An example of such a project is an internship at city hall, leading to a policy proposal on some area of city government. Proposals for these projects must be approved by the Honors Council.

### **Science and Technology Honors**

**Research Approaches I and II.** (Spring semester Freshman and Sophomore Years; 3 credit hours each). Visit research laboratories to observe and learn research methodologies used by scientists in diverse disciplines. Students can elect brief (four week) apprenticeships in research laboratories or outreach settings.

### **Further Information**

For further information on the UAB Office for Undergraduate Research contact Dr. Christopher W. Reaves at (205) 934-8667 or visit the web site at [www.uab.edu/undergraduate-research](http://www.uab.edu/undergraduate-research)

