

# SOCIAL SCIENCES (SOSC)

## SOSC 221 - PROFESSIONAL EXCELLENCE FOR SOCIAL SCIENCES MAJORS

**Short Title:** PROF EXCELLENCE FOR SS MAJORS

**Department:** Social Sciences Division

**Grade Mode:** Satisfactory/Unsatisfactory

**Course Type:** Internship/Practicum

**Credit Hour:** 1

**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

**Course Level:** Undergraduate Lower-Level

**Description:** Guided professional internship course for social sciences majors. Instructor Permission Required.

## SOSC 238 - SPECIAL TOPICS

**Short Title:** SPECIAL TOPICS

**Department:** Social Sciences Division

**Grade Mode:** Standard Letter

**Course Type:** Internship/Practicum, Laboratory, Lecture, Lecture/Laboratory, Seminar, Independent Study

**Credit Hours:** 1-4

**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

**Course Level:** Undergraduate Lower-Level

**Description:** Topics and credit hours vary each semester. Contact department for current semester's topic(s). Repeatable for Credit.

## SOSC 250 - THINKING DIFFERENTLY: NEW APPROACHES TO IDEAS, PEOPLE, SOLUTIONS AND PROBLEMS

**Short Title:** THINKING DIFFERENTLY

**Department:** Social Sciences Division

**Grade Mode:** Satisfactory/Unsatisfactory

**Course Type:** Seminar

**Credit Hour:** 1

**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

**Course Level:** Undergraduate Lower-Level

**Description:** This class meets select Wednesdays from 4-5 PM followed by small group discussion. The class explores changes in the economy and information technology that give rise to questions about the future of ideas, work and careers, identity and relationships, and solutions and problems. Repeatable for Credit.

## SOSC 300 - BAKER INSTITUTE INTRODUCTION TO PUBLIC POLICY

**Short Title:** INTRODUCTION TO PUBLIC POLICY

**Department:** Social Sciences Division

**Grade Mode:** Standard Letter

**Course Type:** Lecture

**Distribution Group:** Distribution Group II

**Credit Hours:** 3

**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

**Course Level:** Undergraduate Upper-Level

**Description:** Taught by Baker Institute Fellow, this course is designed to introduce students to the field of public policy as well as to important policy issues. Topic areas include the Middle East, China, Mexico, energy security, environmental challenges, globalization, health policy, tax policy, and Texas and Houston politics.

## SOSC 301 - POLICY ANALYSIS

**Short Title:** POLICY ANALYSIS

**Department:** Social Sciences Division

**Grade Mode:** Standard Letter

**Course Type:** Lecture

**Credit Hours:** 3

**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

**Course Level:** Undergraduate Upper-Level

**Prerequisite(s):** (SOSC 302 or STAT 310 or STAT 315 or ECON 209) and SOPA 309

**Description:** Familiarizes students with the analytical tools necessary for evaluating and analyzing public policies. Cross-list: POLI 338. Mutually Exclusive: Cannot register for SOSC 301 if student has credit for POST 338.

## SOSC 302 - QUANTITATIVE ANALYSIS FOR THE SOCIAL SCIENCES

**Short Title:** SOCIAL SCIENCES STATISTICS

**Department:** Social Sciences Division

**Grade Mode:** Standard Letter

**Course Type:** Lecture

**Distribution Group:** Distribution Group III

**Credit Hours:** 4

**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

**Course Level:** Undergraduate Upper-Level

**Description:** Introduction to quantitative methods and analysis that emphasizes the practical use of statistics to address research questions in the social sciences. Includes univariate, bivariate, and multivariate analysis in correlational and experimental designs. Students must also enroll in one of four separate lab sections: political science (POLI 102), psychology (PSYC 102), sociology (SOCI 102), or economics (ECON 102).

## SOSC 303 - QUALITATIVE METHODS IN THE SOCIAL SCIENCES

**Short Title:** QUALITATIVE METHODS

**Department:** Social Sciences Division

**Grade Mode:** Standard Letter

**Course Type:** Lecture

**Distribution Group:** Distribution Group II

**Credit Hours:** 3

**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.

**Course Level:** Undergraduate Upper-Level

**Description:** This course presents a series of questions surrounding qualitative methods and ethnographic research in the social sciences, centering on three essential research components: design, data collect, and analysis. Students will engage with qualitative methods of inquiry through a hands-on approach to collecting and analyzing data. Repeatable for Credit.

**SOSC 322 - GATEWAY STUDY OF LEADERSHIP I****Short Title:** GATEWAY STUDY OF LEADERSHIP I**Department:** Social Sciences Division**Grade Mode:** Satisfactory/Unsatisfactory**Course Type:** Research**Credit Hour:** 1**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level**Description:** The Gateway Study of Leadership is a student-led research cohort based in the School of Social Sciences that focuses on leadership and power dynamics within academia as well as common themes in the professional development of faculty members. Students enrolled in the program will perform qualitative research through conducting and transcribing interviews with faculty members. Students will also develop their own leadership skills by attending breakfasts and lunches with prominent leaders in the Rice community and participating in retreats and workshops. Instructor Permission Required. Repeatable for Credit.**SOSC 323 - GATEWAY STUDY OF LEADERSHIP II****Short Title:** GATEWAY OF LEADERSHIP II**Department:** Social Sciences Division**Grade Mode:** Satisfactory/Unsatisfactory**Course Type:** Research**Credit Hour:** 1**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level**Description:** Continuation of the Gateway of Leadership from the fall semester. Students will continue to develop their own leadership skills by attending breakfasts and lunches with prominent leaders in the Rice community. After having conducted and transcribed interviews in the fall, students will code these interviews for common themes. Compiled research will be published as the "Turning Points" booklet series by the School of Social Sciences. Students will further produce a research paper and a poster to be presented the rice Undergraduate Research Symposium. Instructor Permission Required. Repeatable for Credit.**SOSC 330 - HEALTH CARE REFORM IN THE 50 STATES****Short Title:** HEALTH CARE REFORM IN U.S.**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Lecture**Credit Hours:** 3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level**Description:** Examination of those states that have undertaken comprehensive health system reform, have carried out more limited revisions, or have failed to even begin the process, assessing successes and failures. Includes general theories of state-federal relationships and the role of the federal government in state health reform.**SOSC 405 - LAW PRACTICUM****Short Title:** LAW PRACTICUM**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level**Description:** Students will participate in a semester-long "practicum" with a sitting judge (federal, or Texas appellate) in Houston. This program is designed to give select Rice undergraduates a broad and practical introduction to what lawyers do in court and how judges and the law clerks who work with them think about the questions they are asked to resolve. Instructor Permission Required. Mutually Exclusive: Cannot register for SOSC 405 if student has credit for PLST 401. Repeatable for Credit.**SOSC 406 - JUDICIAL PRACTICUM****Short Title:** JUDICIAL PRACTICUM**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level**Description:** Students will participate in a semester-long "practicum" with a sitting judge (federal, or Texas appellate) in Houston. This program is designed to give select Rice undergraduates a broad and practical introduction to what lawyers do in court and how judges and the law clerks who work with them think about the questions they are asked to resolve. Instructor Permission Required. Mutually Exclusive: Cannot register for SOSC 406 if student has credit for PLST 402.**SOSC 423 - FALL MEDICAL RESEARCH INTERNSHIP****Short Title:** FALL MEDICAL RESEARCH INTERN**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 1-3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level**Description:** Internship with a faculty member at Baylor College of Medicine (BCM) centering on a medical research topic involving the Social Sciences. Student-interns will spend up to 10 hours/week at BCM and will be required to submit a written report, evaluations and an example of research products (research posters, abstracts, paper drafts, manuscripts, etc.) both to their supervisor and the Office of the Dean of Social Sciences. Enrollment is limited to Rice undergraduate students who have declared a major within the School of Social Sciences and have been approved for participation in the internship partnership between Rice and BCM. Written approval of the research supervisor and the Dean of Undergraduates must be received by the Office of the Dean of Social Sciences at least 2 weeks prior to the start of classes. Instructor Permission Required.

**SOSC 424 - SPRING MEDICAL RESEARCH INTERNSHIP****Short Title:** SPRING MEDICAL RESEARCH INTERN**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 1-3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level

**Description:** Internship with a faculty member at Baylor College of Medicine (BCM) centering on a medical research topic involving the Social Sciences. Student-interns will spend up to 10 hours/week at BCM and will be required to submit a written report, evaluations and an example of research products (research posters, abstracts, paper drafts, manuscripts, etc.) both to their supervisor and the Office of the Dean of Social Sciences. Enrollment is limited to Rice undergraduate students who have declared a major within the School of Social Sciences and have been approved for participation in the internship partnership between Rice and BCM. Written approval of the research supervisor and the Dean of Undergraduates must be received by the Office of the Dean of Social Sciences at least 2 weeks prior to the start of classes. Department Permission Required.

**SOSC 444 - CONSULTING PRACTICUM****Short Title:** CONSULTING PRACTICUM**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level

**Description:** Students in the Consulting Practicum learn the elements of problem solving in the business environment. Project teams interact with businesses or non-profit organizations seeking creative solutions to challenges they face. The course offers experiential learning on all project phases from investigation and analysis through presentation of recommendations designed to meet real-world needs. Department Permission Required. Repeatable for Credit.

**SOSC 445 - FINANCE AND BANKING PRACTICUM****Short Title:** FINANCE PRACTICUM**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level

**Description:** This course is designed to give interested students first-hand knowledge of the banking and financial services industry and its role in the global economy. Topics include business analysis, credit analysis, risk management, investment banking, commercial real estate and private equity and venture capital. Additionally students will explore the tools and techniques used by the financial industry such as Excel, Bloomberg, MATLAB, and SQL. The course comprises both classroom meetings and a 10-hour per week on-site experience, including opportunities to shadow key stakeholders. Instructor Permission Required. Repeatable for Credit.

**SOSC 446 - COMMUNITY HEALTH PRACTICUM****Short Title:** COMMUNITY HEALTH PRACTICUM**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level

**Description:** There is little doubt that the healthcare industry is a major driving force of the American economy. The healthcare industry represents a staggering 18.3% of gross domestic product, with little signs of abating in the future. With this growth comes a plethora of new opportunities for professionals seeking to make a positive difference in their communities. According to the National Bureau of Labor Statistics, the health industry will add approximately 1.8 million jobs annually through 2032. Openings are projected to outpace the average job growth across most American industries, underscoring the need for more individuals to consider a future career in health. Indeed, this growth is expected to touch upon nearly all sectors of the healthcare market, giving individuals a wide array of potential options for employment. This practicum class will provide students with perspectives that bridge current research with practical healthcare work experience. It will provide an overview of some of the challenges healthcare leaders face navigating the current industry. The class will expand upon how healthcare work can positively impact a student's community. Students will be encouraged to share their unique viewpoints as they work with healthcare professionals throughout the semester. They will also shape their future goals as they consider joining a healthcare-related business, government agency, or nonprofit organization. Further, students will be asked to share ideas on expanding healthcare access to cover more individuals. Students will also be asked to apply academic course materials to the knowledge gained through their practicum placement.

**SOSC 447 - PUBLIC SERVICE PRACTICUM****Short Title:** PUBLIC SERVICE PRACTICUM**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum**Credit Hours:** 3**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level

**Description:** Students enrolled in this course will each engage in a unique public service internship in either government or the private, non-profit sector. As the students participate in public service, they will be part of a class that shares learning experiences. They will also study the meaning of public service through readings and presentations by individuals with experience in public service of varying types. Department Permission Required.

**SOSC 477 - SPECIAL TOPICS****Short Title:** SPECIAL TOPICS**Department:** Social Sciences Division**Grade Mode:** Standard Letter**Course Type:** Internship/Practicum, Lecture, Laboratory, Seminar**Credit Hours:** 1-4**Restrictions:** Enrollment is limited to Undergraduate, Undergraduate Professional or Visiting Undergraduate level students.**Course Level:** Undergraduate Upper-Level

**Description:** Topics and credit hours may vary each semester. Contact department for current semester's topic(s). Repeatable for Credit.