

# LSU • Southern University

## Cooperative Programs

LSU and Southern University have conducted cooperative programs for a number of years. A student exchange program began in 1970, and exchange of faculty and cooperation in research have also occurred. In recent years, the number and extent of cooperative efforts between the two institutions have greatly increased.

### STUDENT EXCHANGE

LSU and SU students may take courses at the other institution under an expanded and simplified cross-registration program between the two universities. This program enables students to take courses not available at the institution where they matriculate. Both full-time and part-time students are eligible to participate. Full-time students pay no additional fees; part-time students pay fees based on the total number of hours for which they are registered. Cross-registration tuition exemptions do not apply to Continuing Education courses, or to the special fees attached to some courses.

Work taken at Southern University is recorded as transfer credit, as is all course work taken outside the LSU System.

Interested students can obtain information from the Office of the University Registrar at LSU, the Registrar's Office at SU, and the offices of academic deans at both institutions.

### LIBRARY PRIVILEGES

Participants in the faculty and student exchange are allowed the same library privileges granted to members of the faculty and student body at the home institution. Students and faculty not participating in these exchanges also have access to the library at the other institution.

### ACADEMIC PROGRAMS

#### Chemistry and Chemical Engineering

This program enables a student to earn a Bachelor of Science degree with a major in chemistry from Southern University and a Bachelor of Science in Chemical Engineering degree from LSU within a period of approximately five years. At least three-fourths of the hours required for the Southern University bachelor's degree must be earned at Southern University. The student may then be admitted to LSU to complete requirements for the Bachelor of Science in Chemical Engineering degree. Such students qualify for all benefits of the student exchange program.

#### Computer Science

When LSU began offering the PhD in computer science in 1983, an agreement of cooperation was signed between LSU and Southern University. This agreement specified articulation guidelines for the doctoral program, the master's program in system science, and SU's master's program in computer science.

The project, *Career-Oriented Research Workshops in Computer Science for Undergraduates*, funded by the NSF-EPSCOR Program, encourages beginning undergraduate students from SU and LSU to pursue careers in

the field of computer science. One of the ways this goal is accomplished is by exposing selected students to computer science via research workshops at LSU's Robotics Research Laboratory. Students from SU and LSU who have completed one of these workshops are encouraged to continue involvement in work-study programs with industry and academia.

Also, the Department of Computer Science, the National Center for Security Research and Training, and the Office of Strategic Initiatives at Louisiana State University in collaboration with Southern University and Louisiana Tech University have a new project awarded by NSF entitled, *Collaborative Project: Faculty Development—Multi University Research and Training in Information Assurance and Computer Security*. The focus of this research and training project is to increase the educational and pedagogical opportunities for academically talented faculty in information assurance and security. The focus of this research and training is to increase the number of U.S. citizens, including members of under-represented groups, who will advance their teaching and research in the emerging areas of information assurance and security. The targeted participants are 16 faculty scholars (approximately half minority and female) per year for two years. The selected Faculty Scholars participate in a series of faculty development activities that include a summer workshop, national lab/research center visits, academic year mini-grants, and a conference in information assurance and computer security.

#### Environmental Sciences

The Master of Science degree in environmental sciences, a cooperative, multi-disciplinary program between LSU and SU, requires a minimum of 30 semester hours of course work and six hours of thesis research. Four options are available: environmental toxicology, and environmental planning and management offered at LSU, and environmental biology and environmental chemistry offered at SU. A graduate student at either institution may register for any of the four options. Four core courses are common to all options and must be taken by all students. Different areas of concentration permit the design of individual and specialized job-oriented programs.

#### Mechanical and Petroleum Engineering

SU students enrolled in the mechanical engineering curriculum may elect a petroleum engineering option. Such students take six credit hours of specified chemistry courses at SU and 12 hours of specified petroleum engineering courses at LSU.

### **Naval Science**

Through a cross-enrollment agreement between LSU and SU, LSU students are eligible to enroll in the SU Naval Reserve Officers Training Corps leading to a commission in the U.S. Navy or Marine Corps. Naval ROTC is open to all students, and many naval science courses are taught on the LSU campus. For additional information, see the "Reserve Officers Training Corps" section of this catalog.