Meteorology
+ College of Arts and Sciences

Degree(s)
+ Bachelor of Arts (B.A.) in meteorology
+ Bachelor of Science (B.S.) in meteorology

About the Faculty
The faculty in meteorology bring innovative ways of thinking to the classroom and are renowned scholars in the field. Our faculty members engage with our students inside and outside of the classroom, and they participate in research and service activities that enrich not only their lives but also the lives of their students.

Program Overview
Meteorology is more than just the study of weather; it includes all the characteristics, structures and processes of the atmosphere. Basic principles of physics and chemistry are applied to discover what makes our atmosphere work. Mathematical equations and techniques are used to predict weather based on present conditions. Recently, meteorology has become increasingly vital to humankind’s concerns. Ozone depletion and global warming have been identified as threats to our existence on earth. Meteorologists are on the front lines of the battle to learn more about and model these phenomena.

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Curriculum
The meteorology curriculum at Saint Louis University emphasizes both theory and practical application in fundamental and innovative aspects of the atmospheric sciences. Since class sizes are relatively small, an effective relationship develops between the student and the instructor. This personalized teaching mode stimulates academic interest and professional dedication among students. This is further strengthened by the Jesuit tradition of education.

The two degree options reflect a difference in career ambitions. The Bachelor of Arts program emphasizes the integration of studies in meteorology with other disciplines, such as communication and computer sciences. The Bachelor of Science program places more emphasis on professional recognition, admission to graduate schools and employment with the National Weather Service. Most of our students pursue the B.S. degree. The American Meteorological Society readily accepts B.S. degree holders as members.

The fusion of academic programs with world-class research provides our students with an unparalleled opportunity to explore their interests and prepare for a wide variety of careers after graduation.

Contact
Department of Earth and Atmospheric Sciences
314-977-3116
gravesce@slu.edu

Graduate Programs
+ Master of Science (M.S.) in meteorology
+ Doctor of Philosophy (Ph.D.) in meteorology
For a full listing of graduate programs, visit graduate.slu.edu.

Learn More For course listings and more information about our faculty, visit slu.edu/x35834.xml.

Revised April 2015
Admission Requirements
Freshman: All applications are thoroughly and carefully reviewed. Solid academic performance in college preparatory course work is a primary criterion in reviewing a freshman applicant’s file. College admission test scores (ACT or SAT) are used as an additional indicator of the student’s ability to meet the University’s academic requirements and to qualify the student for certain University scholarship programs. To be considered for admission to any Saint Louis University undergraduate program, the applicant must be approaching graduation from an accredited high school or have an acceptable score on the General Education Development (GED) test.

Transfer: Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester hours (or 30 quarter hours) of college credit. Those having completed 24 hours or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant’s file, the office of admission holistically examines the student’s academic performance in college-level coursework as an indicator of the student’s ability to meet the academic rigors of Saint Louis University.

Internships and Careers
Students in the meteorology program at Saint Louis University can take advantage of the National Weather Service (NWS) Forecast Office, which is located near the University and regularly accepts SLU students for internships. Classes often take field trips to the office to experience NWS operations. There are four commercial TV stations in the St. Louis area that regularly feature weather reports. Internships are also available with these stations. You can earn six hours of credit toward your degree through an internship.

Graduates are employed with private meteorology firms, the National Weather service, television stations and as University faculty.

Scholarships and Financial Aid
There are two principal ways to help finance a Saint Louis University education:
+ Scholarships: awarded based on academic achievement, service, leadership and financial need.
+ Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at finaid.slu.edu.

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