

Assistant/Associate/Full Professor Optimization and
Statistics
Auburn University

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Downloaded On: Oct. 29, 2025 3:08am

Posted Oct. 27, 2025, set to expire Feb. 23, 2026

Job Title	Assistant/Associate/Full Professor Optimization and Statistics
Department	Industrial & Systems Engr
Institution	Auburn University Auburn, Alabama
Date Posted	Oct. 27, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Associate Professor Professor Assistant Professor
Academic Field(s)	Statistics & Actuarial Science
Job Website	https://www.auemployment.com/postings/56635

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Job Description

The Auburn University Department of Industrial & Systems Engineering (ISE) invites applications for two open-rank tenure-track faculty positions at the Assistant, Associate or Full Professor level. Candidates should select one of the following two positions:

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1. Optimization: Candidates applying to this position must have strong theoretical foundations in optimization with a focus on real applications. The department desires those who have experience with leveraging machine learning and artificial intelligence methods for optimization. Specific research areas may include, but are not limited to, deterministic optimization, including integer, nonlinear, and combinatorial optimization; global and non-convex optimization; machine learning for optimization; explainable artificial intelligence; heuristic and metaheuristic approaches; network design and analysis; and other related topics in optimization, modeling, and decision sciences.

2. Statistics: Candidates interested in this position must have solid foundations in statistics, with preference given to those with a strong basis in process control, reliability, 6-Sigma (Black Belt or Master Black Belt preferred), the theory of machine learning, and artificial intelligence. Specific areas of research for position include, but are not limited to: classical, Bayesian, and/or non-parametric statistics; information science, data mining or data analytics; statistical process control; machine learning methods (i.e. supervised and unsupervised learning, deep learning, reinforcement learning, etc.); artificial intelligence methods (e.g., predictive modeling, natural language processing, generative AI); risk analysis, real options, and finance; and other related topics in statistics.

Salary range begins at \$100,000, with flexibility based on experience and qualifications.

The ISE Department at Auburn University has a strong research program and a long tradition of excellence in both graduate and undergraduate education. The department comprises 25 faculty members (17 tenure track), over 200 graduate students (82 in the doctoral program), and 475 undergraduate students. Our student population has grown by over 230% in the last ten years, and we have hired ten new faculty members in that period.

Auburn University holds an R1 Carnegie research institution designation and is one of the nation's premier land, sea, and space grant institutions. Auburn is committed to maintaining teaching excellence. Its Fall 2025 enrollment includes nearly 30,000 undergraduates and over 6,000 graduate and professional students. Auburn's 12 academic colleges are served by roughly 1,500 faculty members delivering more than 200 educational programs. The Princeton Review named Auburn students the happiest in the nation in its 2025 edition.

Auburn University is located in Auburn, AL, approximately 1.5 hours southeast of Atlanta, GA, 50 minutes from Montgomery, and 2 hours from Birmingham. Auburn residents enjoy a thriving community, recognized as one of the "Top 10 Best Small Cities in America" by the Milken Institute, with a moderate climate and easy access to major cities, beaches, and mountains. The Auburn School System is a recognized leader in education.

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Auburn University is understanding of and sensitive to the family needs of faculty, including dual career couples. See "Guidelines for Dual Career Services"

<http://www.auburn.edu/academic/provost/policies-guidelines/#guidelines>

Auburn University is an EEO/Vet/Disability Employer

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

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