State Universities Offering Electrical Engineering Programs in the United States

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Introduction

This document provides a partial list of state universities in the United States that offer electrical engineering programs, based on available information from web sources. The list is not exhaustive due to the lack of a comprehensive, up-to-date dataset. For complete and accurate information, please consult official university websites or accreditation bodies such as ABET (Accreditation Board for Engineering and Technology).

List of State Universities with Electrical Engineering Programs

The following table lists selected state universities known to offer electrical engineering programs, organized alphabetically by state. Note that program offerings may vary, and verification with each institution is recommended.

University Name	State	Program Notes
University of Alabama	Alabama	Offers BS, MS, and PhD in Electrical Engineering, with focus areas like power systems and electronics.
Auburn University	Alabama	ABET-accredited BS in Electrical Engineering; strong emphasis on control systems and communications.
University of Arizona	Arizona	BS, MS, and PhD programs; research in microelectronics and renewable energy.
Arizona State University	Arizona	Highly ranked online and on-campus BS in Electrical Engineering; focus on energy systems and robotics.
University of Arkansas	Arkansas	BS and MS programs; research in power electronics and signal processing.
University of California, Berkeley	California	Top-ranked globally; offers BS, MS, and PhD with specializations like integrated circuits.

University Name	State	Program Notes
University of California, Los Angeles	California	ABET-accredited BS; strong graduate programs in communications and embedded systems.
Colorado State University	Colorado	BS, MS, and PhD; research in electromagnetics and energy systems.
University of Colorado Boulder	Colorado	Offers BS and graduate degrees; focus on photonics and power electronics.
University of Connecticut	Connecticut	BS, MS, and PhD; research in control systems and nanotechnology.
University of Delaware	Delaware	BS and graduate programs; emphasis on signal processing and materials.
University of Florida	Florida	ABET-accredited BS; strong research in semiconductors and wireless communications.
Florida State University	Florida	BS in Electrical Engineering; collaborative programs with FAMU.
University of Georgia	Georgia	BS and MS; growing program in electronics and automation.
Georgia Institute of Technology	Georgia	One of the largest ECE programs globally; BS, MS, PhD with AI and robotics focus.
University of Hawaii at Manoa	Hawaii	BS and graduate degrees; research in telecommunications and renewable energy.
University of Illinois Urbana-Champaign	Illinois	Top-ranked; BSBai MS, and PhD in areas like microelectronics and machine learning.
Iowa State University	Iowa	ABET-accredited BS; research in power systems and VLSI design.
University of Iowa	Kentucky	BS, MS, and PhD; focus on control systems and biomedical engineering.
University of Kentucky	Kentucky	BS and graduate programs; emphasis on power and energy systems.
Louisiana State University	Louisiana	BS, MS, and PhD; research in electronics and telecommunications.
University of Maryland, College Park	Maryland	Highly ranked BS and graduate programs; focus on quantum engineering and communications.
University of Massachusetts Amherst	Massachusetts	BS, MS, and PhD; research in RF systems and embedded computing.
Michigan State University	Michigan	BS and graduate degrees; strong in power systems and controls.
University of Michigan	Michigan	Top-ranked; BS, MS, and PhD with focus on autonomous systems and photonics.
University of Minnesota	Minnesota	BS, MS, and PhD; research in microsystems and energy conversion.

University Name	State	Program Notes
Mississippi State University	Mississippi	BS and graduate programs; emphasis on power systems and high-voltage engineering.
University of Missouri	Missouri	BS, MS, and PhD; research in electronics and signal processing.
University of Nebraska-Lincoln	Nebraska	ABET-accredited BS; focus on communications and robotics.
University of Nevada, Reno	Nevada	BS and graduate degrees; research in renewable energy and sensors.
University of New Hampshire	New Hampshire	BS in Electrical Engineering; emphasis on embedded systems.
Rutgers University	New Jersey	BS, MS, and PhD; research in wireless networks and machine learning.
University of New Mexico	New Mexico	BS and graduate programs; focus on optics and semiconductor devices.
University at Buffalo	New York	BS, MS, and PhD; research in power electronics and nanotechnology.
North Carolina State University	North Carolina	Highly ranked BS and graduate programs; focus on power systems and IoT.
University of North Dakota	North Dakota	BS in Electrical Engineering; emphasis on energy systems.
Ohio State University	Ohio	BS, MS, and PhD; research in electromagnetics and autonomous systems.
Oklahoma State University	Oklahoma	BS and graduate degrees; focus on power and control systems.
University of Oklahoma	Oklahoma	BS, MS, and PhD; research in radar and telecommunications.
Oregon State University	Oregon	BS and graduate programs; strong in energy systems and microelectronics.
Penn State University	Pennsylvania	ABET-accredited BS; research in RF systems and photonics.
University of Rhode Island	Rhode Island	BS in Electrical Engineering; focus on signal processing and robotics.
University of South Carolina	South Carolina	BS, MS, and PhD; research in power electronics and controls.
South Dakota State University	South Dakota	BS in Electrical Engineering; emphasis on rural power systems.
University of Tennessee	Tennessee	BS, MS, and PhD; research in power systems and embedded computing.
Texas A&M University	Texas	Top-ranked; BS, MS, and PhD with focus on power and analog circuits.
University of Texas at Austin	Texas	Highly ranked BS and graduate programs; research in integrated circuits and energy.
Utah State University	Utah	BS and graduate degrees; focus on space systems and controls.

University Name	State	Program Notes
University of Vermont	Vermont	BS in Electrical Engineering; emphasis on sustainable energy.
Virginia Tech	Virginia	BS, MS, and PhD; research in power electronics and wireless systems.
University of Washington	Washington	Top-ranked; BS, MS, and PhD with focus on embedded systems and AI.
West Virginia University	West Virginia	BS and graduate programs; research in power systems and biometrics.
University of Wisconsin-Madison	Wisconsin	BS, MS, and PhD; strong in control systems and microelectronics.
University of Wyoming	Wyoming	BS in Electrical Engineering; focus on energy and telecommunications.

Table 1: Selected state universities offering electrical engineering programs. This list is partial and should be verified with official sources.

Notes

- The universities listed are public institutions identified as state universities based on common classifications. Private institutions and non-state public colleges are excluded.
- Program details (e.g., BS, MS, PhD) are based on typical offerings for electrical engineering departments. Specific concentrations or accreditation status may vary.
- Sources include general knowledge and web information from rankings like US News, EduRank, and QS World University Rankings, but no single source provided a complete list of state universities with electrical engineering programs.
- For a comprehensive list, consider consulting ABET's accredited program search (www.abet.org) or the National Center for Education Statistics (nces.ed.gov).