

Accreditation

The University of Tulsa is a fully accredited national doctoral institution and is on the approved lists of the Higher Learning Commission of the North Central Association and the Oklahoma State Regents for Higher Education. The various colleges and professional schools are accredited by their own professional agencies as well.

All programs for the preparation of teachers and school service personnel are accredited by the Oklahoma Council for Teacher Preparation and by the Teacher Education Accreditation Council. The School of Music is a member of the National Association of Schools of Music. The curriculum in deaf education is endorsed by the Council on Education of the Deaf, and the graduate program in speech-language pathology is accredited by the Council on Academic Accreditation in Audiology and Speech-Language Pathology. The Ph.D. program in clinical psychology is accredited by the American Psychological Association.

The graduate and undergraduate business programs of The Collins College of Business are accredited by AACSB International (The Association to Advance Collegiate Schools of Business). The School of Nursing is approved by the Oklahoma Board of Nursing and is accredited by the National League for Nursing Accrediting Commission. The Athletic Training program is accredited by the Commission on Accreditation of Athletic Training Education and the Exercise and Sports Science program is recognized by the National Strength and Conditioning Association.

The College of Engineering and Natural Sciences is an institutional member of the American Society for Engineering Education. The B.S. degrees in chemical engineering, electrical engineering, engineering physics, mechanical engineering, and petroleum engineering are accredited by the **Engineering Accreditation Commission of ABET**, <http://www.abet.org> Accreditation Board for Engineering and Technology. The B.S. degree program in computer science is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>. The B.S. degree program in chemistry is approved by the American Chemical Society.

The College of Law is approved by the American Bar Association and is a member of the Association of American Law Schools.

Accreditation

The B.S. degree programs in chemical engineering, electrical engineering, mechanical engineering, petroleum engineering, and engineering physics are accredited by the **Engineering Accreditation Commission of Board for Engineering and Technology** (ABET), <http://www.abet.org>. The B.S. in computer science is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>. 411 Market Place, Suite 1050, Baltimore, MD, 21202-4012, telephone (410) 347-7700. The B.S. degree program in chemistry is approved by the American Chemical Society. Students may design a program qualifying them to obtain state certification to teach. Information regarding this program can be obtained from the School of Urban Education in the Henry Kendall College of Arts and Sciences and the major department advisor.

Chemical Engineering

Chair

Geoffrey L. Price

Professors

Francis S. Manning

Geoffrey L. Price

Kerry L. Sublette

Keith D. Wisecarver

Associate Professors

Daniel W. Crunkleton

Laura P. Ford

Applied Associate Professor

Christi Patton Luks

Assistant Professors

Selen Cremaschi

Tyler W. Johannes

The mission of the Department of Chemical Engineering is to provide a modern, high-quality educational experience for all students in order to graduate chemical engineers who are technically competent, creative, literate, and socially aware. ~~Our~~The B.S. degree program in chemical engineering is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>. Our educational objectives are to provide a foundation for successful chemical engineering careers in the petroleum, natural gas, chemicals, alternative energy, environmental, materials, or biotechnology industries, and for graduate studies in chemical engineering or related fields such as medicine, law, and business administration.

Tandy School of Computer Science

Chair

Roger L. Wainwright

Professors

J. C. Diaz

Rose F. Gamble

John C. Hale

Dale A. Schoenefeld

Sandip Sen

Sujeet Sheno

Roger L. Wainwright

Associate Professor

Mauricio Papa

Assistant Professors

Peter Hawrylak

Roger Mailler

Brett McKinney

Instructor

James Childress

The Tandy School of Computer Science offers degree programs in computer science and information technology. The School also provides computer science and information technology courses to serve the needs of all students at the university.

The degree in computer science offers students a strong foundation in computer sciences and mathematics and emphasizes supporting study in the physical sciences. The information technology program offers students a strong foundation in computer sciences together with supporting subjects selected from professional business courses. The B.S. degree program in computer science is accredited by the Computing Accreditation Commission of the Accreditation Board for Engineering and Technology (ABET), 441 Market Place, Suite 1050, Baltimore, MD 21202-4012, telephone: 410-347-7700 <http://www.abet.org>. Graduates of these programs should be well-prepared to pursue graduate study or industrial and business careers.

Electrical Engineering

Chair

Gerald R. Kane

Professors

Kaveh Ashenayi

Gerald R. Kane

Peter G. LoPresti

Geoffrey Orsak

Surendra Singh

Heng-Ming Tai

Assistant Professors

Peter Hawrylak

Jinsong Zhang

Senior Instructor

Jeffrey G. Kohlbeck

The Department of Electrical Engineering offers a curriculum leading to the B.S. degree which includes a strong foundation in the electrical, system, computer, mathematical, and physical sciences. The B.S. degree program in electrical engineering is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.

Mechanical Engineering

Chair

John M. Henshaw

Professors

John M. Henshaw

Brenton McLaury

Ram S. Mohan

Siamack A. Shirazi

James R. Sorem, Jr.

Steven M. Tipton

Associate Professor

Jeremy Daily

Assistant Professors

Michael W. Keller

Todd Otanicar

The Department of Mechanical Engineering's curriculum leads to a B.S. degree in Mechanical Engineering. The **B.S. degree program in mechanical engineering** is accredited by the Engineering Accreditation Commission of (ABET), <http://www.abet.org>.

McDougall School of Petroleum Engineering

Chair

Mohan Kelkar

Professors

Mohan Kelkar

Stefan Miska

Albert C. Reynolds, Jr.

Cem Sarica

Ovadia Shoham

Associate Professors

Evren Ozbayoglu

Mauricio Prado

Mengjiao Yu

Hong-Quan (Holden) Zhang

Assistant Professors

Mohammad Shahvali

Rami Younis

The McDougall School of Petroleum Engineering offers a curriculum leading to the B.S. degree. **The B.S. degree program in petroleum engineering is accredited by the Engineering Accreditation Commission of ABET, <http://www.abet.org>.**

Physics and Engineering Physics

Chair

George P. Miller

Professors

Roger N. Blais

George P. Miller

Associate Professors

Dylan P. Brennan

Parameswar Hari

Scott A. Holmstrom

Sanwu Wang

Assistant Professor

Alexei Grigoriev

Applied Assistant Professor

Jerome D. McCoy

Instructor

Art Gibson

The Department of Physics and Engineering Physics offers programs leading to the B.S. and B.A. degrees in Physics, and to the B.S. in Engineering Physics degree. All programs provide a critical core understanding of physics and culminate in a two-semester senior thesis/research design project.

The B.A. degree in physics prescribes a thorough undergraduate physics curriculum while retaining flexibility to engage in a breadth of courses in the arts and sciences. Students are expected to show proficiency in a second language and to complete a concentration (at least 12 credit hours) in a field outside of their major. This degree option is particularly well suited as part of an education or pre-medical program.

The B.S. degree in physics provides a strong foundation in physics and mathematics in preparation for a technical or scientific career. Students pursuing the B.S. degree enroll in a more rigorous set of technical classes than for the B.A. degree. The B.S. degree requires two advanced special topics courses in Physics. These courses have been incorporated to allow students flexibility in their junior and senior years to focus on specific fields of Physics. The B.S. degree in Physics provides a broad based technical major and is very adaptable for students in pre-professional programs (medical, law, etc.) and for education majors.

The **B.S. degree** program leading to the B.S. degree in Engineering Physics is accredited by the Engineering Accreditation **Commission** of ABET, (<http://www.abet.org>). The goal of the Engineering Physics program is to provide the training in physics and engineering to prepare our students for careers in technical fields in industry, higher education, and for lifelong learning. Consistent with this goal, the educational objectives for the Engineering Physics program are to provide graduates with:

- The knowledge to successfully enter and complete programs of graduate study in one of several engineering fields as well as in physics;
- The skills to be able to function as productive engineering professionals in areas where traditional science and engineering disciplines overlap; and
- An awareness of the importance of continued professional self-development.