

The University

At Salkehatchie, students can complete the first two years of most majors offered by the University of South Carolina. Credits earned at USC Salkehatchie are also transferable to other colleges and universities. Our partnership with USC Aiken allows students to complete the first 2 years of a Bachelor of Science in Industrial Process Engineering on our campus.

Enrollment

USC Salkehatchie enrolls over 1,000 students annually in undergraduate programs offered through the University. Our low student-faculty ratio means that students receive the personal guidance and support needed in the early years of college.

Faculty

USC Salkehatchie faculty members hold degrees earned at respected universities within the country and around the world. Most have earned a doctorate or the terminal degree in their field.

Accreditation

The University of South Carolina is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award associates, bachelors, masters and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4501 for questions about the accreditation of the University of South Carolina.

Contact Us

Mr. Allen Kanapala
Program Coordinator

allenkan@mailbox.sc.edu
843-782-8687 (Walterboro)
803-812-7315 (Allendale)



Admissions

1-800-922-5500
843-782-8631 (Walterboro)
803-812-7318 (Allendale)

uscsalkehatchie.sc.edu



UNIVERSITY OF
SOUTH CAROLINA
SALKEHATCHIE

The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, genetics, sexual orientation or veteran status.

Industrial Process Engineering



UNIVERSITY OF
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SALKEHATCHIE

Industrial Process Engineering

Students interested in earning an engineering degree can participate in USC Salkehatchie's 2 + 2 partnership with USC Aiken in Industrial Process Engineering. The first two years of the program are earned on our campus and students transfer to USC Aiken to complete the degree.

The Bachelor of Science in Industrial Process Engineering is designed to prepare students with technical knowledge and skills in engineering, mathematics, science and management. Program graduates will be familiar with the processes of industry from multiple perspectives: mechanical, manufacturing and business. Through internships with our many community partners, students are provided ample opportunities to apply knowledge and skills learned in the classroom and laboratory.

Students enrolled in USC Salkehatchie's engineering courses have opportunities to use computer-aided design (CAD), as well as other scientific computation and simulation tools. Students learn to identify and appreciate the need to solve real-world engineering problems. University-organized field trips to local industries allow students to gain insight into the engineering field as they interact with professional engineers and explore industrial sites.

The Salkehatchie Advantage

Starting your engineering degree at USC Salkehatchie provides many advantages:

Quality Instruction

We are the University of South Carolina. Our instructors provide quality, hands-on educational experiences as part of our curriculum.

One-to-One Interaction

USC Salkehatchie's low student-teacher ratio offers important one-to-one interaction throughout the learning process, something you will not find at larger institutions.

Scholarship Opportunities

USC Salkehatchie has numerous scholarship opportunities for STEM students. Please refer to general scholarship guidelines for eligibility criteria.

Save Money!

Tuition costs at USC Salkehatchie are significantly lower than comparable institutions in the state. USC Salkehatchie provides a quality, affordable education in a nurturing environment.

Degree Requirements

Year 1 (35 Credit Hours)

Fall			Spring		
ENGL 101	Composition	3	ENGL 102	Composition	3
MATH 141	Calculus I	4	MATH 142	Calculus II	4
ENCP 101	Intro to Engineering I	3	ENCP 102	Intro to Engineering II	3
CHEM 111	Chemistry I	4	CHEM 112	Chemistry II	4
Elective	Humanities	3	ECON 221 or 222	Micro Economics or Macro Economics	3
AFCI	Critical Thinking	1			

Year 2 (34 Credit Hours)

Fall			Spring		
PHYS 211	Essentials of Physics I & lab	4	PHYS 212	Essentials of Physics II & lab	4
MATH 241	Calculus III	4	MATH 242	Ordinary Differential Equations	4
ENCP 200	Statics	3	ENCP 290	Thermodynamic Fundamentals	3
ELCT 221	Circuits	3	ENCP 260	Mechanics of Solids	3
COMM 201 or 241	Interpersonal Comm or Public Speaking	3	STAT 509	Statistics for Engineers	3

Year 2 Summer Internship Opportunity

Year 3 (30 Credit Hours)

Fall			Spring		
BADM 371	Principles of Management	3	ENCP 310	Dynamics	3
ENCP 371	Engineering Materials	3	ENCP 327	Design of Mech. Elements	3
ENCP 360	Fluid Mechanics	3	ENCP 334	Quality Planning & Control	3
ENCP 361	Instrumentation, Measurements, & Statistics	3	Elective	American Political Institutions	3
Elective	Humanities	3	Elective	History 101 or 102	3

Year 3 Summer Internship Opportunity

Year 4 (30 Credit Hours)

Fall			Spring		
ENCP 498	Capstone Design I	3	ENCP 499	Capstone Design II	3
ENCP 316	Control Systems	3	BADM 494	Project Management	3
ENCP 380	Systems Engineering	3	ENCP 421	Engineering Economics	3
Elective	Technical Elective*	3	Elective	Technical Elective*	3
Elective	Soc/Beh Science Elective	3	PHIL 325	Engineering Ethics	3

*Technical Elective Courses (6 Credit Hours)

Any ENCP course 300 or higher not required by major, STAT 510, any CSCI course 145 to 562, any MATH course 518 to 554, any MGMT course 300 or higher not required by major, any BADM course 300 or higher not required by major, or any CHEM course 300 or higher