



FEDERAL UNIVERSITY OF ABC

Interdisciplinarity – a key concept at UFABC – has been discussed since the second half of the last century, when a strong need for redeeming the integrity of knowledge led to this approach, which consists of combining efforts from a variety of disciplines to deal with any given problem.

At UFABC, undergraduate degrees are obtained in two phases. At first, all students follow one of the interdisciplinary programs: Bachelor in Science and Technology or Bachelor in Sciences and Humanities. These programs prepare the students for a wide range of activities in, respectively, sciences/technology and sciences/humanities. Both programs are highly interdisciplinary and flexible, which encourages students to make their own choices throughout their stay at university. While obtaining the first bachelor degree, students can, if they so choose, pursue a second kind of bachelor, teaching or engineering degree. This pedagogical approach favors the exercise of creativity instead of a passive attitude towards the educational process.

Research is another pillar of UFABC, which has as one of its missions the exploration of new paths in the great adventure of scientific and technological progress. The graduate programs at UFABC aim at the development of scientific and technological frontier research. The programs are committed to form researchers with broad capabilities in many knowledge fields and highly qualified professionals to meet the demand for higher education as well as national and regional technological development.

The Master's degree programs offer conditions to the development of studies that equips students with conceptual and methodological tools essential to the field and which qualify them as researchers and professors, through education and investigative works. The professional Master's degree programs create conditions to the development of business transforming practices by using the scientific method and applying the knowledge of new processes and techniques.

The Doctoral programs deepen the objective of the Master's programs by the production of a work that must be an original, creative and genuine contribution to the field of research.

Furthermore, UFABC considers fundamental to be open for interactions with society, contributing to the material and intellectual welfare of the people by means of outreach initiatives.

UNDERGRADUATE PROGRAMS

BACHELOR'S DEGREES	ENGINEERING DEGREES	TEACHING DEGREES
Biological Sciences Chemistry Computer Science Economics International Affairs Mathematics Neuroscience Philosophy Physics Public Policy Territorial Planning	Aerospace Engineering Biomedical Engineering Energy Engineering Engineering Management Environmental and Urban Engineering Information Engineering Instrumentation, Automation and Robotics Engineering Materials Engineering	Biological Sciences Chemistry Mathematics Philosophy Physics

GRADUATE PROGRAMS

MASTER'S DEGREES	MASTER'S AND DOCTOR'S DEGREES
Biomedical Engineering Education and History of Sciences and Mathematics Electrical Engineering Engineering and Innovation Management Environmental Science and Technology Materials Science and Engineering Mathematics for teachers – PROFMAT (Professional) Mechanical Engineering Philosophy Physics for teachers – PROFIS (Professional) Public Policy	Biosystems Biotechnoscience Chemistry - Science and Technology Computer Science Energy Evolution and Diversity Human and Social Sciences Information Engineering Mathematics Nanosciences and Advanced Materials Neuroscience and Cognition Physics Territorial Management and Planning



<http://www.ufabc.edu.br>

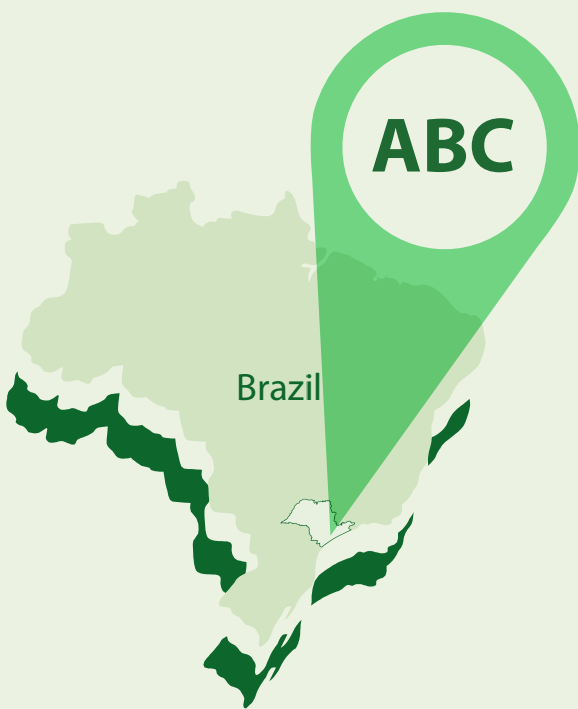
<http://ri.ufabc.edu.br/en>

Interdisciplinarity

Social Inclusion

Excellence

Internationalization



Located in the industrial belt of São Paulo, Brazil's largest city, in the region known as ABC, Federal University of ABC (UFABC) was created to contribute directly and indirectly to the education of Brazilian people, to advance knowledge in engineering, mathematics, computing, natural and human sciences, and to meet the demands of regional industrial activity and public administration. UFABC is one of the youngest Brazilian universities. Founded in 2006, today it operates two campuses, both still partly under construction, but has already established a reputation for high-level interdisciplinary research and teaching.

- ✓ 10 years of existence
- ✓ Tuition free
- ✓ Two campuses
- ✓ Number of students: 14,000 undergraduate & 1,400 graduate (10% are international)
- ✓ 100% of faculty hold a PhD
- ✓ 2010 Scimago ranking for scientific production
- ✓ 2012 Webometrics ranking: among the 7% best in the world
- ✓ 2012 Ministry of Education (MEC) evaluation: maximum scores on all undergraduate programs
- ✓ 2013 Scimago: most cited in Brazil
- ✓ 2013 RUF (Brazilian ranking): number 1 in internationalization
- ✓ 2014 CWTS: one of the most cited in Brazil
- ✓ 2015 CWUR: 15 in Brazil, 961 worldwide
- ✓ 2016 Nature Index: 6th in Brazil
- ✓ Times Higher Education: 18th in Latin America, 9th in Brazil