INSTITUTO TECNOLÓGICO DE BUENOS AIRES

ITBA – URBAN CAMPUS

- 6 Strategic Sites

North: S.Isidro (partnership)

Admission courses

North: Pilar (partnership)

Admission courses

Software site

Software Engineering Department, courses and Labs

Madero Historical buildings

Rectorate, central offices and 8 undergraduate programs.

Research Labs

Graduate School Building

Graduate School

South… coming soon

New project

CIDIM

Research and Development Center for Mechanical Engineering

ITBA – IN NUMBERS

Students	
Undergraduate	1897
Graduate	601
PhD	25

Alumni	
Undergraduate	5687
Graduate	1967

Faculty	
Full Time	85
Part Time	429

Admission Rate	54%
Retention Rate	65%
Students with Financial Aid	15%
Students in graduating class w/ international experience	20%

Our Graduates represent 10% of total Engineers in Argentina

ITBA- UNDERGRADUATE DEGREES

Engineering and Management School:

- Business Administration and Information Systems (4 years)
- Industrial Engineering (5 years)
- Software Engineering (5 years)

Engineering and Technology School:

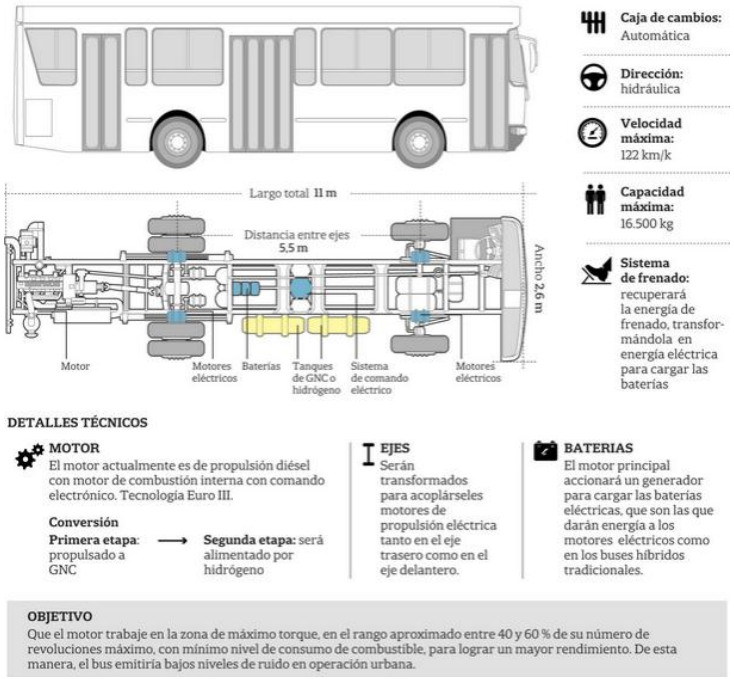
- Bio Engineering (5 years)
- Mechanical Engineering (5 years)
- Chemical Engineering (5 years)
- Petroleum Engineering (5 years)
- Naval Engineering (5 years)
- Electrical Engineering (5 years)
- Electronic Engineering (5 years)

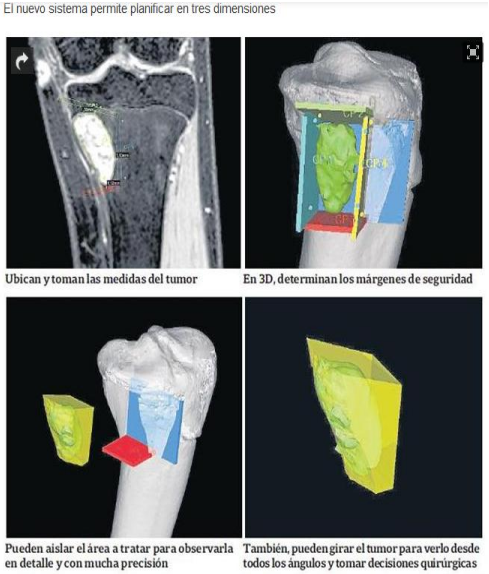
ITBA – RESEARCH & DEVELOPMENT

SOME EXAMPLES

HYBRID BUS

Hydrogen-based transportation without fuels cells. This is a transcending project because, in addition to reducing emissions and noise, lowers the cost of production units.





PRESURGERY PLANNING SYSTEM FOR TREATING BONE CANCER

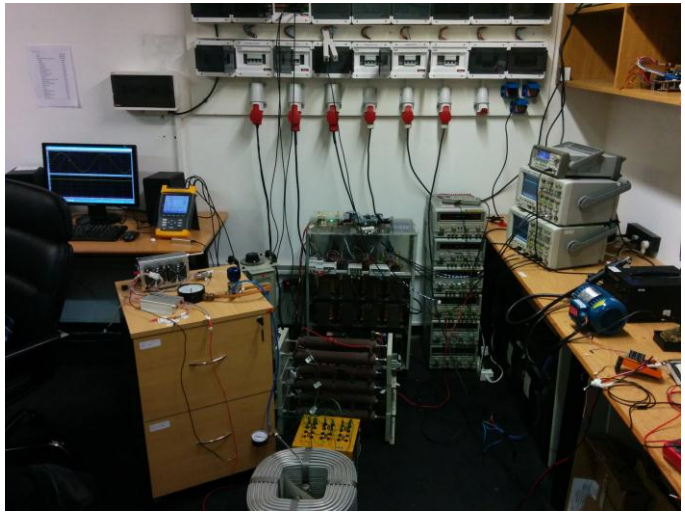
It uses a virtual reality scenario for treating bone cancer. Replaces and refines the usual preoperative planning for an interactive and three-dimensional plan.

ITBA – RESEARCH & DEVELOPMENT

SOME EXAMPLES

MAP OF ARSENIC - PROBLEM OF DRINKING WATER IN ARGENTINA

Development of a "map of arsenic" with data from drinking water samples from different public entities and individuals (educational establishments, homes, canteens, hospitals, first aid rooms, etc.). Relevant technical advice if it finds contamination in those waters.



POWER ELECTRONICS – Multilevel Current Source Inverter

Development of control systems, modulation and experimental prototype of a Single Rating Inductor Multilevel Current Source Inverter (MCSI) to interface Renewable Energy Sources with the electric grid, and high speed active filters.