



**BUILDING
THE FUTURE**

UVG | UNIVERSIDAD
DEL VALLE
DE GUATEMALA

WHAT WOULD YOU DO TO CHANGE THE WORLD?



Water Quality

Open Project for Water Quality

Mechatronic Engineer Edgar Alejandro Duarte created an open database that provides real-data regarding different physical water parameters. These parameters can later be used to calculate objective estimations regarding water quality.

Educational Tests

College Board (Educational excellence)

College Board tests are based on current pedagogical and psychometric concepts, constructed by multidisciplinary teams and are internationally validated. They are used in twelve regional countries, allowing Latin-American comparisons.

Initiatives between UVG and USN

Education promoting Sustainability and Resilience

An alliance between the South-East Norway University and UVG allowed the project entitled: "Education in the field of sustainable tourism and ecology in Norway". This five-year project was awarded 400,000 Kroner by the Norwegian Partnership Programmed for Global Academic Cooperation Agency, NORPART.

5G Technology

Telecommunication Research Areas

César Augusto Azurdia, a UVG Electronic Engineer with a Ph.D. in Electronics and Radio Engineering from Kyung Hee University in South Korea, has published more than 15 scientific papers. Dr. Azurdia is currently a professor in the Electric Engineering Department in Chile, where he is also doing research regarding 5G technology for telecommunications.

FACTS



3 **CAMPUSES**
CENTRAL
ALTIPLANO
SUR



STUDENTS
CENTRAL
CAMPUS



MORE THAT 5000
undergraduate students

MORE THAT 400
master & Ph.D. students



AROUND
876
ANNUAL
GRADUATES



11 **RESEARCH
CENTERS**

**PIONEERS AND LEADERS IN SCIENCE,
TECHNOLOGY AND RESEARCH IN GUATEMALA**



**INTERNATIONAL
CERTIFICATION**

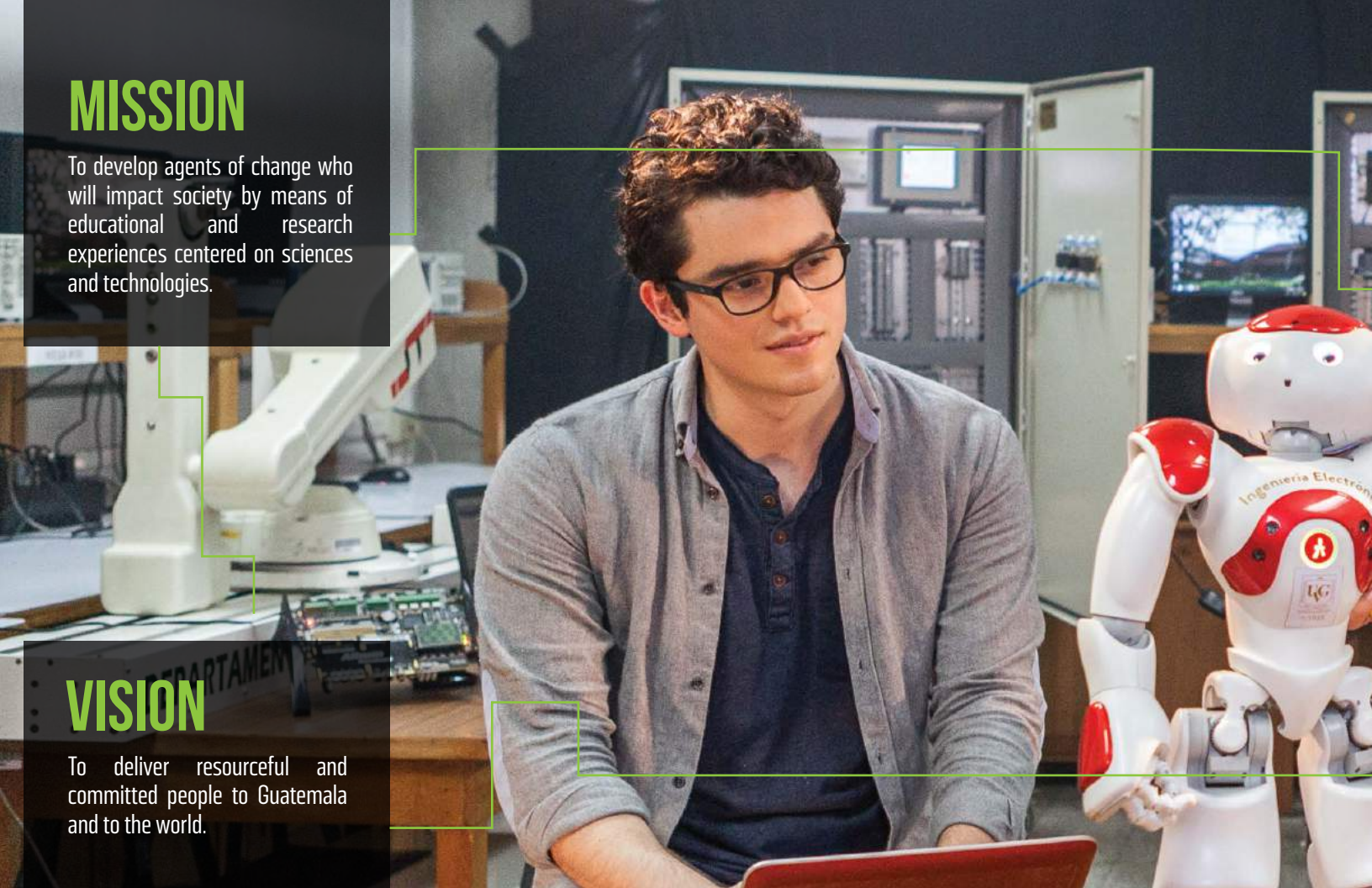
**ENGINEERING DEGREES WITH
INTERNATIONAL CERTIFICATION**

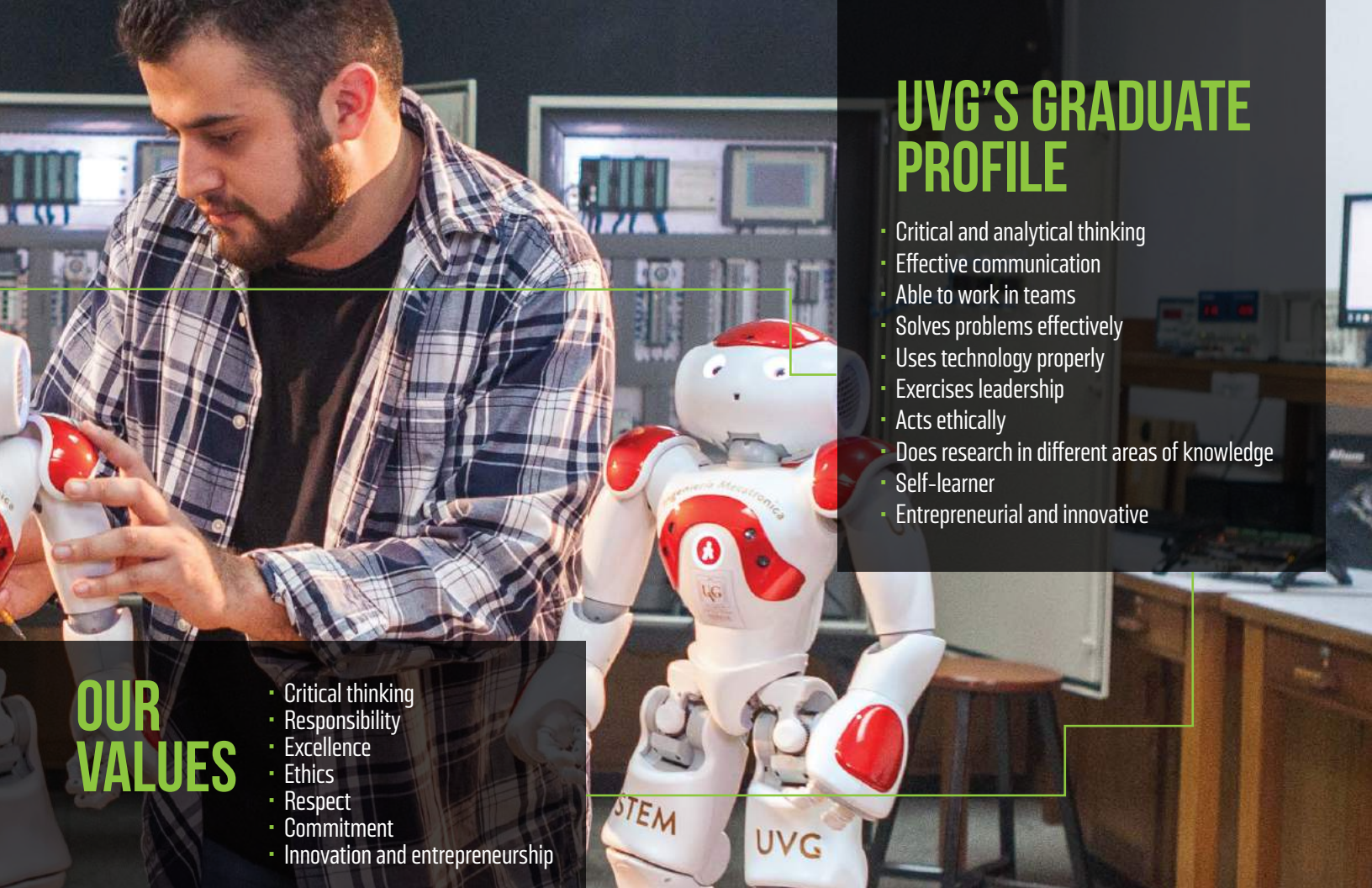
MISSION

To develop agents of change who will impact society by means of educational and research experiences centered on sciences and technologies.

VISION

To deliver resourceful and committed people to Guatemala and to the world.





UVG'S GRADUATE PROFILE

- Critical and analytical thinking
- Effective communication
- Able to work in teams
- Solves problems effectively
- Uses technology properly
- Exercises leadership
- Acts ethically
- Does research in different areas of knowledge
- Self-learner
- Entrepreneurial and innovative

OUR VALUES

- Critical thinking
- Responsibility
- Excellence
- Ethics
- Respect
- Commitment
- Innovation and entrepreneurship

DEGREES



- | Audio Technology
- | Bioinformatics
- | Biomedical
- | Civil Engineering
- | Civil Architectural Engineering
- | Computer Science and IT
- | Chemical Engineering
- | Electronic Engineering
- | Environmental and Civil Engineering
- | Food Science
- | Industrial Engineering
- | Industrial Biotechnology Engineering
- | Industrial Chemistry Engineering
- | Industrial Civil Engineering
- | Mechanical Engineering
- | Mechanical and Industrial Engineering
- | Mechatronics Engineering
- | Management Science

ING
ENGINEERING
SCHOOL

PROGRAMS CERTIFIED BY:



EDU
EDUCATION
SCHOOL

SPECIALIZED TEACHER DEGREES:

- | Special Needs Education
- | Education for students with Sensory and Communication Disabilities
- | Learning problems
- | Primary Education

BACHELOR'S DEGREES:

- | Education
- | English Language Teacher
- | Music
- | Psychopedagogy
- | Math and Physics
- | Chemistry and Biology

MIDDLE SCHOOL TEACHER CERTIFICATION:

- | Biology and Chemical Science
- | English Language Teacher
- | History and Social Science
- | Language and Literature
- | Mathematics and Physics
- | Music

60% OF STUDENTS
HAVE A SCHOLARSHIP AT UVG



- | Biology
- | Biochemistry and Microbiology
- | Communication Science and Letters
- | **Chemistry**
- | **Mathematics**
- | Molecular Biotechnology
- | Nutrition
- | Pharmaceutical Chemistry
- | Physics

50% OF STUDENTS
HAVE A LEADERSHIP
SCHOLARSHIP FOR
APPLIED CHEMISTRY
AND MATHEMATICS

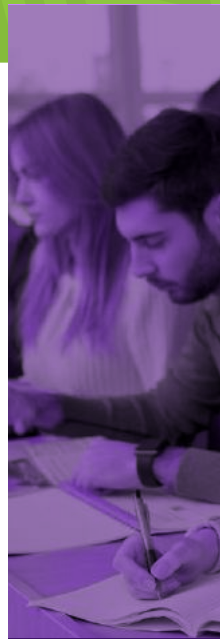
CCHH
SCHOOL OF SCIENCES
AND HUMANITIES



- | **Anthropology and Sociology**
- | **Archeology**
- | Psychology
- | International Relations
& Master of Arts in
Global Affairs

50% OF OUR STUDENTS
HAVE A LEADERSHIP
SCHOLARSHIP IN SCIENCES

CCSS
SCHOOL OF SOCIAL
SCIENCES



We grant a **double degree** in Bachelor in Arts and in Science, when students finish the fourth year of studies.

The University College offers an open Bachelor Degree, various elective courses, art and academic sports, as well as extracurricular activities.

We also provide personalized attention in the areas of Coaching for Excellence, Student Follow Up, Organizations & Clubs, Volunteer Work, and in the areas of Alumni, International Affairs, and Student Welfare.

CUAE
UNIVERSITY COLLEGE
AND STUDENT AFFAIRS

DEGREES



Creativity and innovation in emerging scenarios in order to solve problems with pioneering and entrepreneurial ideas through design and music.

Degrees

- | Musical composition and production
- | Product Design and Innovation

DI&A

DEPARTMENT OF DESIGN
INNOVATION & ARTS



Identification of current and future consumer opportunities, based on comprehensive data analysis across different market channels.

Degree

- | International Marketing and Business Analytics
- | Food Business and Marketing

GMBI

DEPARTMENT OF
GLOBAL MANAGEMENT
AND BUSINESS INTELLIGENCE



The Research Institute has 11 Research Centers that collaborate with UVG's Departments and Faculties where students use labs and participate in ongoing research projects. Many students undergo their professional practice, work on their thesis or do internships using our facilities. We also provide thesis advisory for international students thanks to alliances we have with researchers and universities in other countries.

The Research Institute was established in 1977 and has carried out research projects in different areas with the following main objectives:

- Increase knowledge
- Generate technology that contributes to the resolution of national and regional problems
- Provide training in scientific and in technological research
- Strengthen the link between teaching and research
- Publish research results in scientific magazines as well as in conferences, workshops, and continuous education courses



UVGMASTERS

Business and Engineering School

- MBA+
- Applied Political Economics
- Advanced Finances
- Business Intelligence and Analytic
- Criminal Profiling
- Project Management and Direction
- Personality Profiling, Negotiation and Mediation
- Energy Technology and Sustainability
- Food Technology and Management
- Human Talent Management
- Non-verbal behavior and Lie Detection
- Master in Business Intelligence and Analytics
- Security Data Science and Cybersecurity
- Sustainable Tourism

Education

- Curriculum and Educational Technology
- Leadership and Educational Coaching
- Educational Measurement, Evaluation and Research

Social Sciences

- Postgraduate Degree in Interventions with Expressive Arts
- Postgraduate Degree in Monitoring and Evaluation of Social Projects
- Psychological Counseling and Mental Health
- Development
- Clinical Neuropsychology
- Heritage Management with Emphasis on Museums
- Doctorate in Applied Psychology

Science and Technology

- Postgraduate Degree in Good Pharmaceutical Manufacturing Practices and Audit
- Pharmaceutical Sciences – Management and Strategic Leadership
- Science and Technology for Cosmetics Development
- Epidemiology
- Nutrition in Physical Activity and Sports
- Nutritional Coaching and New Care Approaches
- Environmental Management and Sustainability



**THINK
FORWARD**



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