



CESIA NAZARET CERRATO MARTÍNEZ

STUDENT | CESIACERRATO07@GMAIL.COM

PROFILE

Currently studying a BSc. degree in Agronomy at Zamorano University with highly specific knowledge in practical agronomical production systems. Highly persistent in academic related topics, hard-working in field related disciplines, responsible and teamwork oriented. A strong leader and critical thinker Implementing problem resolution and resiliency in all performed tasks. Strong display of interpersonal, communicative, and linguistic skills. Competitive in field sampling methodology mainly in agronomical practices, soils and entomology, passionate about insects and their ecological interaction with soils and forest health. Hoping to contribute with technical and methodical abilities in carrying out scientific research applying traditional and modern science for the improvement of forest-insect ecosystems.

LANGUAGES

English: proficient.
Spanish: As native language.

EDUCATION

2015-2020: High school Diploma in Science and Humanities, C.E.M.N.G San José Del Carmen, Tegucigalpa M.D.C.

2021 – present: Currently a Junior, studying a BSc, degree in Agronomy at Zamorano University, Honduras.

Current GPA: 3.25

HONORS

- Diploma of academic excellence.
- Diploma of soccer sports.
- Artistic diploma of folk dance.
- Diploma of perseverance.
- Diploma Regional Debate Team, UNITEC.
- student Board President at San José del Carmen.
- First place science fair trophy
- Diploma for solidarity aid and responsibility in a cooperative environment.
- Diploma spelling bee second place.
- Diploma project of natural sciences.
- Diploma third place in the gymnastics competition
- Diploma of recognition for participation in the reading comprehension contest.
- Diploma of recognition for having obtained the first place in the reading comprehension contest.
- Diploma of participation for having participated in the reader's design contest during the celebration of Spanish Language Day.



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EXTRACURRICULAR ACTIVITIES HOBBIES AND SPORTS

- Promesas religious club active member in Faith.
 - Active member of the Dance and Art club.
 - Active member of the Soils club.
 - Active member of Zamorano soccer club.
- Loves to:
- Paint
 - Dance
 - Sing
 - To draw
 - Read about the environment
 - Run
 - Decorate
 - Travel

FIELD EXPERIENCE

Visiting Scholar:

6-month position at The Ohio State University, working in the Department of Forest Entomology.

Plant Science:

- Nurseries and forestry plantations: Applied theoretical and technical knowledge and skills in forest nursing systems, forest repopulation and established forest-tree plantations.
- Environmental management and conservation-Monitoring of water and forest health indicator species. Water quality assessment and its impact on arthropod biodiversity.
- Forest management- monitoring of parent trees health and indicators of reproductive capacity, forest tree composition and forest ground residue management to avoid forest fire and forest fauna decline.
- Agroecology- field work on crop modeling to better fit agriculture production systems within natural forest systems, conservation of arthropod composition and organic production of basic horticultural crops and grains.
- Biological control: Applied Knowledge in production of biological control through the use of entomopathogenic fungi and pest natural enemies. Production of natural enemies, nematodes, and antagonist fungi.
- Soil conservation: Conservation and management of soils through traditional practices of soil protection such as cover crops, level curves and improvement of soil structure.
- Irrigation and drainages: Able to link soil conservation and the utilization of hydraulic knowledge in preventing soil erosion, soil saturation and nutrient loss.
- Molecular diagnostic: Related to the identification and quantification of plant resistance genes to specific pest or diseases.



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REFERENCES:

-Elizabeth Hernández
Assistant teacher of English
(504) 2287 – 2000 ext. 2128.

-Josué Molina
Associate professor of
elementary Physics
jmolina@zamorano.edu

- Tissue culture: Focused on in-vitro plant propagation and usage of culture medium to optimize plant growth and development.
- Plant protection: Able to conduct pest monitoring in field and in protected structures, technical knowledge on chemical and biological pesticides for pest management.

-Animal Science: Scientific and technical knowledge on seed processing plant, feed concentrate plant, Apiculture and bee handling, meat cattle, dairy cattle, farm animal replacement and aquaculture production.

-Agroindustry: Grain processing for human consumption, feed concentrate plant, apiculture plant, fruit and vegetable processing plant, dairy processing plant, meat processing plant.

-Environment and Development: Scientific and technical knowledge on nurseries and forestry plantations, organic agriculture, environmental management, renewable energy, agroecology, and topography.

-Costs: Scientific and practical knowledge on digital marketing, cost, and conventional marketing.



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