

PABLO TEJERO, Aspiring Systems Biologist



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> Date of birth: 11/06/1998
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ABOUT ME

I am a biology graduate, who has also studied a master's degree to become a high school teacher, as well as currently a 2-year Master's degree in Systems Biology at the University of Maastricht. I am in the final stage of my Master's, doing my 7- month internship in the field of metabolism modelling. I am very interested in developing a professional career that goes hand in hand with modelling in the field of biology. I am able to work hard and learn quickly.

WORK EXPERIENCE

Internship

Maastricht Centre for Systems Biology, Maastricht University

Nov 2023 – Present Maastricht, NL

- Develop a Context-Specific Models for fibroblasts in senescence
- Work with Genome-Scale Metabolic Models
- Program in MATLAB
- Comprehensively understand metabolic modeling

Teacher Assistant

Maastricht Centre for Systems Biology, Maastricht University

Oct 2023 – Dec 2023 Maastricht, NL

- Assist the course coordinator
- Lead Bachelor-level tutorial sessions
- Facilitate problem-based learning
- Communicate effectively

EDUCATION AND TRAINING

Master of Science in Systems Biology

Maastricht University

Sept 2022 – Present Maastricht, NL

- **Courses (72 ECTS):** Mathematics, Systems Biology, Experimental Design and Data Management, 2 Project Periods, Dynamical Systems and Non-Linear dynamics, Omics, Modeling Metabolism, Introduction to Machine Learning, Network Biology and Scientific Programming.
- **Internship and Master's Thesis (48 ECTS):** See 'Internship' for details

- Website: https://curriculum.maastrichtuniversity.nl/nl/onderwijs/master/systems-biology?gad_source=1

Master in Teacher Training for Secondary Schools

International University of La Rioja

 Sept 2021 – July 2022

 Logrono, Spain

- Website: <https://www.unir.net/educacion/master-secundaria/>

Bachelor in Biology

University of Salamanca

 Sept 2016 – July 2022

 Salamanca, Spain

- Website: <https://www.usal.es/grado-en-biologia>

SKILLS

Technical skills

- MATLAB
- R
- Python
- Data visualization
- Advanced statistics
- Academic writing

Soft skills

- Project management
- Analytical mindset
- Fast learner
- Effective communication
- Collaborative problem-solving
- Innovative thinking

Languages

- English: Proficient User/Level C1 in Listening, Reading, Spoken Production, and Spoken Interaction
- Spanish (Native)

ADDITIONAL INFORMATION

Student and Social Media Ambassador

Maastricht University

 Sept 2023 – Present

 Maastricht, NL

- Advise prospective students on the academic and social experience of studying a Master of Science in Systems Biology at Maastricht University

REFERENCES

1. Assistant Professor Marian Breuer
Maastricht Centre for Systems Biology, Maastricht University
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2. Professor Fernando Silla Cortés
Animal Biology, Ecology, Parasitology, soil science and agricultural chemistry, University of Salamanca
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