TU/e Honors Academy

BACHELOR

HONORS ACADEMY

TU/e

WHY JOIN THE HONORS BACHELOR PROGRAM?

Are you looking for an extra challenge during your 2nd and 3rd bachelor year? Are you highly motivated to work on your personal and professional development guided by a coach? Do you want to work with and learn from like-minded students from other programs? Join one of our honors tracks!

ABOUT THE PROGRAM

- Main focus: personal and professional development.
- Two-year program during your 2nd and 3rd bachelor year.
- Study load: approximately 10 hours per week on top of your Bachelor program.
- Work within one of our eleven Honors tracks.
- Be coached on your development, content and teamwork.
- Participate in workshops to discover and develop your learning goals.
- Work with students in a multidisciplinary setting on cutting-edge challenges, research or in contests.
- Each year you will be assessed on your development (15 credits per year, 30 credits in total).
- Successfully finished the program and comply with the exam requirements? Receive an honors annotation on your Bachelor degree diploma and on request a personal Letter of Recommendation.

TU/e EINDHOVEN UNIVERSITY OF TECHNOLOGY

HONORS BACHELOR TRACKS

Current tracks we offer:

Artificial Intelligence

Delve deep into the issues of state-of-the-art machine learning models and explore solving pressing issues in this field. Learn what AI models can and cannot do and strengthen your expertise in AI.

Competitive Programming and Problem Solving

Optimize your algorithmic problem solving capacity by participating in and training for programming contests in a team of motivated peers.

Empowerment for Health & Wellbeing

Become part of a group that creates intelligent systems to empower people to take care of themselves.

Energy Transition

Become part of the movement that uses innovation to solve problems in energy production, consumption, transport, and storage to accelerate the energy transition.

High Tech Systems

Learn to apply AI & Robotics for the design of autonomous intelligent systems with hands-on experiences on real miniature racecars and humanoid robots.

Networked Society

Identify and solve major societal issues regarding the way we use information networks in an ever more interconnected world.

Nuclear Fusion Power for The Netherlands

This Honors track aims at creating a concrete plan to achieve a competitive nuclear fusion reactor.

Radio Astronomy

Learn about cosmology, astronomy and origins while studying complex matter and communicating in teams to work on a large challenge based project.

SensUs Organization

Organize a major contest on Biosensors on an international scale! Work on the future of healthcare and learn what it takes to make international impact.

Smart Cities

Implement new technologies in our city life to optimize the way we live in and interact with our environment.

Smart Mobility

Apply state-of-the-art technology and innovations to create new possibilities in and engineer the transportation methods of the future.

APPLICATION PROCEDURE

Check our online education guide for more information about the program, tracks and the application procedure.

Select the track you want to apply for.

Apply before the deadline as indicated.

Upload your application letter and CV to the track of your choice.

Next step: after reading your application letter and CV, the track coordinator will decide if you will be invited for an application interview.

"I'm an active person who likes projects, so the Honors Academy was a great chance to work on a bigger pro-ject. We're working on a sustainable innovation project, building a physical representation of the TU/e Campus and its smart electricity grid. It's an interesting design problem, creating interactive elements that show real-time where electricity is generated and consumed.

I'M VISUALIZING THE FLOW OF ENERGY AT TU/E

This year, I plan to really develop my technical skills: materials, laser cutting and 3D printing. I'm also focusing on networking and soft skills, looking for people with the skills I want to learn. I'm pretty entrepreneurial and like communicating, so I want to make a project out of that. Next year, I would like to go abroad for an internship. It will be challenging to work with my team remotely but I will learn a lot that my team can use."

ERNESTO BUÑUEL GARCIA
Honors Bachelor Alumnus &
Bachelor Industrial Design

I OWN MY FUTURE, DO YOU?

WHO ARE WE LOOKING FOR?

- Students who are highly motivated to work on their personal and professional development.
- Students who are highly motivated to work in a specific track and who want to contribute to the track.
- Students who are able to combine their regular study program with the Honors Bachelor Program.
- Note: while we expect you to study nominally, there is no minimum GPA required: your motivation is more important than good grades.
- If you successfully finish the application procedure and obtain 60 credits in the academic year preceding your intended first honors year, you will be accepted into the Honors Bachelor Program.

"During the first year of my Bachelor Biomedical Engineering I learned that I really liked programming. By joining the Competitive Programming and Problem Solving track of the Honors Academy I developed my skills and understanding of different programming languages, algorithms and general problem solving skills. Honors taught me how to be responsible for my own progress.

BEING IN CHARGE OF YOUR PROGRESS IS IMPORTANT IN THE HONORS ACADEMY

Since most Honors students in this track have a background in Computer Science, it was a fun challenge to learn and think about programming in a different context than my own studies. It also definitely worked the other way around: because I learned a lot of basic principles about programming in my Honors track, I could apply them more easily in the very specific contexts in my BME Bachelor."

SARAH DE RUITER
Honors Bachelor Alumnus and Bachelor Biomedical Engineering

#ownyourfuture

CONTACT

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