

Academic Program



Process Simulation >> UniSim® Design Suite

Offers university access to best-in-class process design and simulation tools FREE.

UniSim® Design Suite is powerful process simulation software that will help your students better understand the principles they learn in class.

For example, with column simulation students observe how changes in the operating conditions impact product rate and quality – they learn phase behaviour for a system governed by thermodynamic principles, find out whether an existing heat exchanger can meet specific process requirements, predict hydrate formation conditions which might be well above the water freezing temperature, and so much more.

Tools provided under this Academic Program:

- UniSim Design Steady State and Dynamic option
- UniSim ThermoWorkbench: in-depth thermodynamic study
- For design and simulation of heat transfer equipment:
 - UniSim Shell-Tube Exchanger Modeler
 - UniSim Crossflow Exchanger Modeler
 - UniSim Plate and Plate-Fin Exchanger Modelers
 - UniSim Fired Process Heater Modeler
 - UniSim Feedwater Heater Modeler
 - UniSim Process Pipeline Modeler

Mutual Value of UniSim Design Academic Program:

- FREE access to powerful process simulation software tools for teaching and research (*training also available**)
- Potential joint-research partner for model development – for which Honeywell may apply with the university for government research grant where applicable
- Opportunity to commercialize technology/model (IP) generated from academic research
- For students the prospect of working for Honeywell as interns – for Honeywell, a close connection to a pool of talent; next generation trained using UniSim Design tools
- For Honeywell, increased market awareness through usage and acknowledgment in research publications.

Software License Details:

Standard one-year university network license for 100 users + 2 standalone licenses for professors/instructors – no charge. Renewable each year at no charge. Add-on 3rd party technologies available at cost.



Learn More:

[Honeywell/ProcessDesign](https://www.honeywell.com/processdesign)

Contact Us to Get Started:

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