

# Shellbical Pavilion

The Shellbical Pavilion emerged as a collaborative endeavor from students enrolled in the Digital Construction Bachelor's program at [Lucerne University of Applied Sciences and Arts \(HSLU\)](https://www.hslu.ch/). The project was born out of the Module Digital Construction Studio 3: Digital Fabrication, a key component of the Digital Construction course at HSLU.



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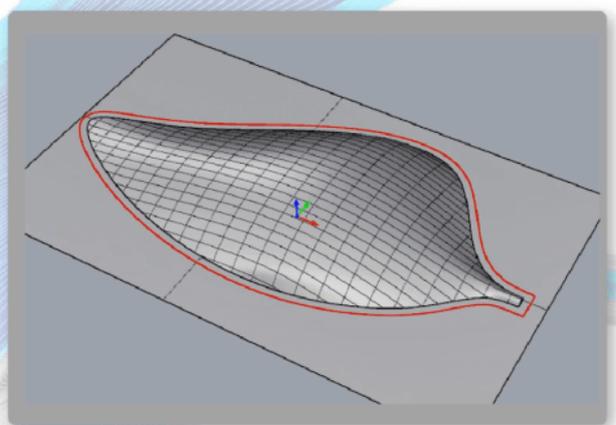
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Through meticulous planning and experimentation, the group settled on a layered structure as the optimal solution. Utilizing Rhino and Grasshopper proved instrumental in shaping the final design.

With the design finalized, the box underwent production using a conventional CNC milling machine, followed by meticulous hand

assembly.

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**RhinoCAM**

**RhinoFabStudio**

[See Also](#)

[RHINOCAM 2 1/2 - 3 AXES](#)

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The Shellbical project stands as a testament to the innovative spirit and collaborative efforts of students at HSLU, showcasing the potential of digital fabrication techniques in achieving both efficiency and structural integrity in construction projects.

