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Campus Life

Publish Date : 2026-04-01

NYCU Builds One of Taiwan's Most Complete Virtual Campuses in Minecraft



By Chance Lai

As National Yang Ming Chiao Tung University (NYCU) marks its fifth anniversary—alongside the 130-year legacy of National Chiao Tung University (NCTU)—a new kind of campus is taking shape, not in concrete and steel, but in pixels and code.

Beyond “Minecraft builds”: a rare full-scale project

While Minecraft has been used in Taiwan for educational and creative purposes—including classroom teaching in geography, architecture and

A student-initiated project, supported by the **NCTU Alumni Association**, is recreating NYCU's campuses inside the global sandbox game Minecraft. More than a digital replica, the initiative is designed to connect alumni across generations and geographies—inviting them to “return” to campus from anywhere in the world.

Launched in 2025, the project is led by a **student team in collaboration with DreamCity Studio**. Starting with the historic Bo-Ai Campus, the team reconstructed buildings to real-world dimensions while integrating future development plans—allowing past, present, and future to coexist in a single virtual environment.



The monument at NYCU's Bo-Ai Campus is one of the university's most iconic landmarks.

A campus across time: past, present and future

history—most campus-related projects remain limited in scope.

Many are small-scale efforts focused on individual buildings or partial areas. Others are personal or club-based creations that remain unpublished, lacking long-term planning or public engagement. NYCU's project stands apart.

It delivers a full reconstruction of both the Bo-Ai and Guang-Fu campuses, making it one of the most complete virtual campus builds in Taiwan to date. More importantly, it operates as an organized initiative rather than a standalone creation—bringing together students, a professional creative studio, and alumni support under a unified vision.

The project also integrates outreach strategies, including promotional videos, guided experiences and interactive participation mechanisms, transforming it from a static model into a dynamic, externally shareable platform.

In this sense, NYCU's

Unlike conventional digital archives or static 3D models, the NYCU Minecraft campus is built as a living narrative.

Visitors can revisit familiar landmarks from decades past, walk through the university as it stands today, and glimpse what lies ahead. Planned transformations—such as the redevelopment of student dormitories and the future construction of facilities including the Chuming Hospital—are embedded directly into the virtual landscape.

This layered design turns the project into more than a reconstruction. It becomes a storytelling platform—one that reflects NYCU's evolution from NCTU's 130-year legacy to its identity as a five-year-old merged institution.

Minecraft campus is not simply a digital experiment—it represents a first-tier, flagship case that can be presented internationally.

Reimagining alumni connection in the digital age

At its core, the initiative is about reconnection. By embedding memory, identity and future vision into a shared virtual space, NYCU is redefining how universities engage their global communities. Alumni are no longer limited to nostalgic recollection—they can actively explore, interact and rediscover the campus in an evolving digital form.

The project reflects a broader shift in higher education, where digital environments are increasingly used not just for teaching, but for storytelling, community-building and institutional identity.

Opening the virtual gates

The virtual Bo-Ai and Guang-Fu campuses are set to open for **online exploration starting after April 8**, with access available for one month. Visitors are

encouraged to stay tuned for official announcements to receive the latest updates.

For NYCU's global alumni network, the experience offers something both familiar and new: a chance to walk the same paths, see the campus transformed, and imagine what comes next. In a single, block-built world, 130 years of history—and the future still unfolding—are brought into view.

 **【NYCU × Minecraft 校園數位重現計畫】博愛校**
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