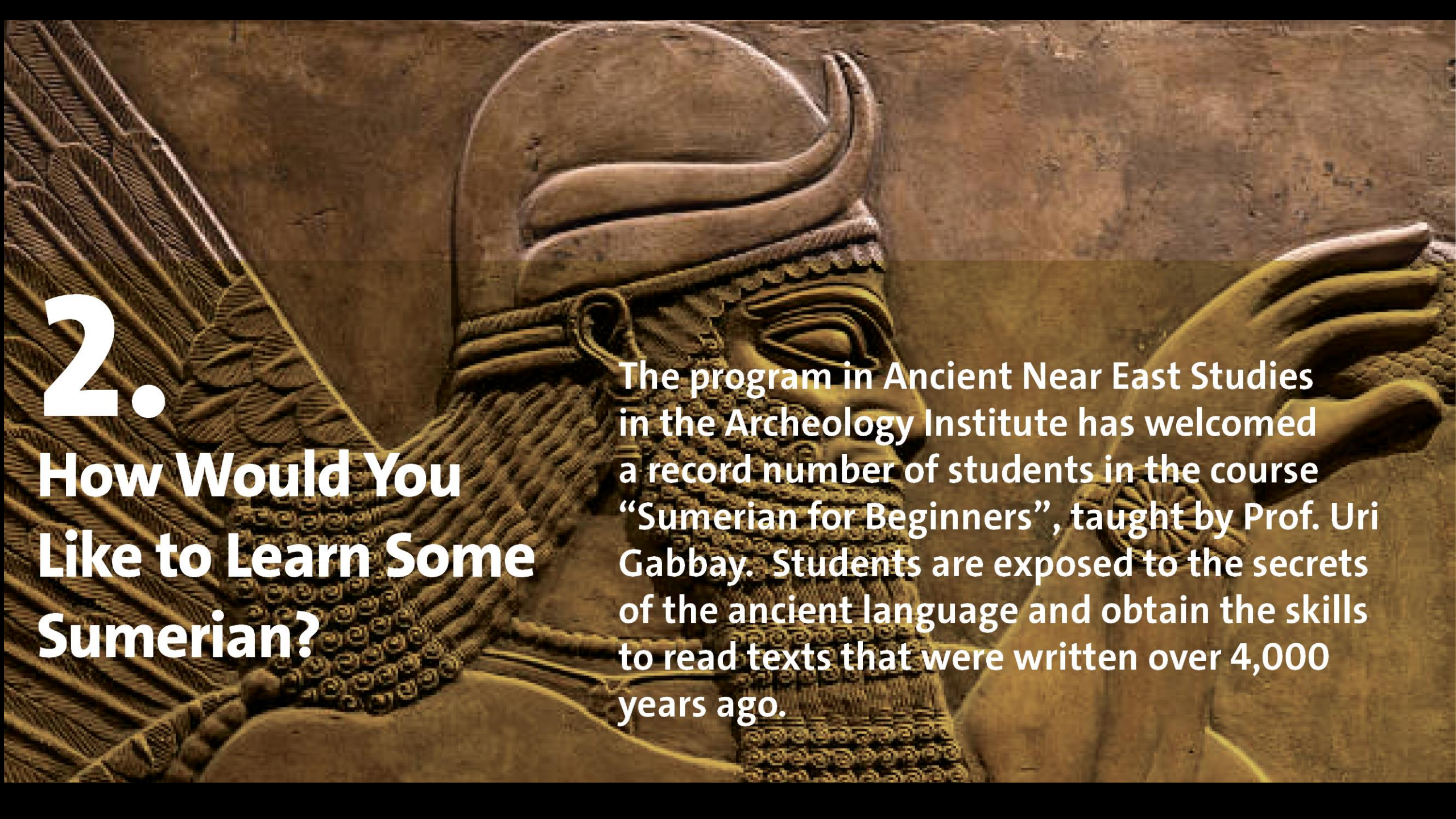




1. Getting Ready for the Storms Ahead

Recent research by doctoral candidate Moshe (Koko) Armon revealed that storms of the future will be generally drier in terms of overall precipitation but more centralized, as in they will take place over smaller areas. They will last for shorter amounts of time but will also be more intense.



2.

How Would You Like to Learn Some Sumerian?

The program in Ancient Near East Studies in the Archeology Institute has welcomed a record number of students in the course “Sumerian for Beginners”, taught by Prof. Uri Gabbay. Students are exposed to the secrets of the ancient language and obtain the skills to read texts that were written over 4,000 years ago.



3. Cyber Attacks Impact on Israeli Transportation

Hebrew University researchers, led by Dr. Haim Wismonsky and Gadi Perl have drafted a report raising a number of challenging issues relating to the threat of cyber-attacks on private “smart vehicles” being operated in Israel today. The report stressed how officials need to respond to properly protect these vehicles from being compromised and reduce the overall risks associated with cyber-attacks as well as addressing the general question over the safety of these vehicles.



4. A Meaty Revolution

When Prof. Koby Nahmias, Director of the Center for Bioengineering at the University, began researching the possibility of developing lab-based meat alternatives, he likely could have never imagined that the company he would launch would eventually succeed in raising no less than 347 million dollars. The funds will now be applied to develop a second factory for the company in the US!



5. The Maternal Bond

Recent research conducted by doctoral candidate Lior Zeevi, under the guidance of Dr. Shir Atzil from the Department of Psychology and published in the periodical SCAN, serves as the first study to better understand what in human infant behavior causes the release of dopamine in the mother's brain.



7.

A New Episode Comes to HUIJICAST

This episode features Prof. Shai Morin from the Department of Entomology and an expert on the interactions between insects and plants.

Prof. Morin has extensively studied the Tobacco Whitefly, a tiny but particularly resilient insect that is known to be one of the most destructive organisms to agriculture. He talks about what we know about this insect that has made it continuously resistant to extermination tactics, and if he has found a way to grow to appreciate the fly after thirty years of study?