

# **Course 4.542/4.582: Background to Shape Grammars**

## **Spring 2026**

### **General Information**

Instructor: George Stiny (Kerb: stiny)

Teaching Assistant: Bailey Fernandez (Kerb: bailey\_f)

Time: 9:30 AM – 12:30 PM TUESDAY

Room: 2-103.

### **Course description:**

An advanced examination of the shape grammar formalism and its relationship to some key issues in a variety of other fields, including art and design, philosophy, history and philosophy of science, linguistics and psychology, literature and literary studies, logic and mathematics, and artificial intelligence. Student presentations and discussion of selected readings are encouraged. Topics vary from year to year. Can be repeated with permission of instructor.

### **Materials:**

The dropbox with course readings and schedule can be found here:

[https://www.dropbox.com/home/Background%20to%20Shape%20Grammars%20\(Spring%202026\)](https://www.dropbox.com/home/Background%20to%20Shape%20Grammars%20(Spring%202026)). You must register for the course to receive permission to access the DropBox from the T.A.

### **Presentations:**

Student presentations will be organized in collaboration with the instructor and the T.A.