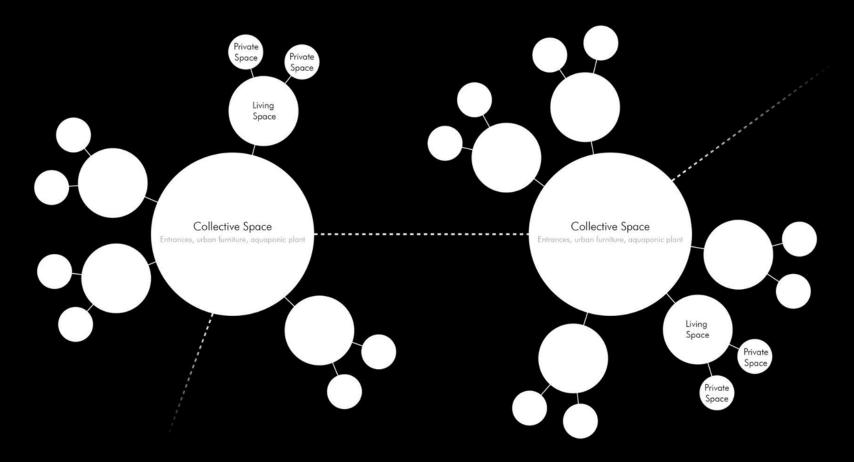
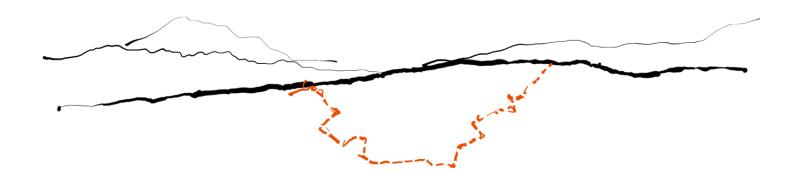
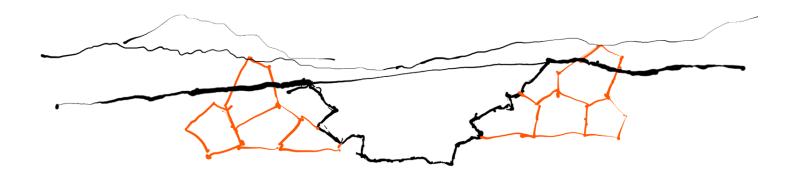


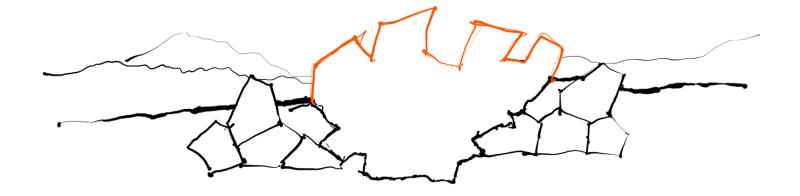
Courtyard organization concept



components: courtyard + housings + canopy

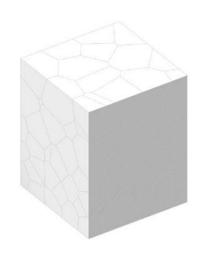








Overall voronoi design







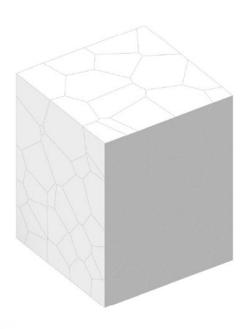


Bounding box

Extraction of courtyard volume

Formation of courtyard and canopy

Integration of courtyard and houses











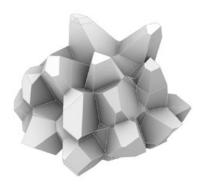








Voronoi selection



















Creating courtyard











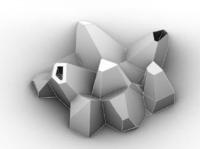








Creating canopy











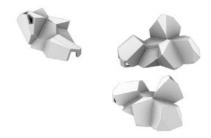








Creating housing units





















Attaching the housing units











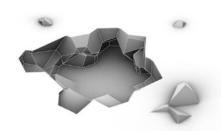








Overall design

























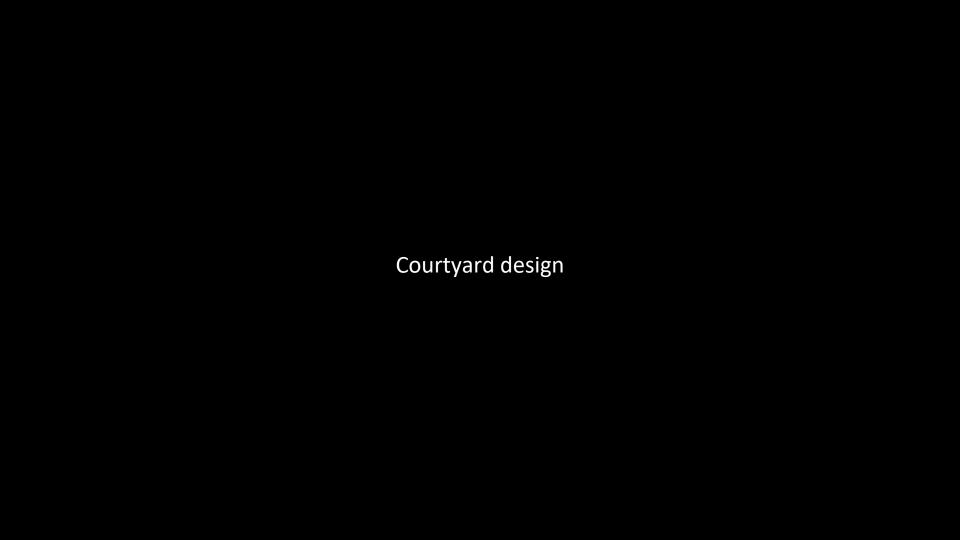




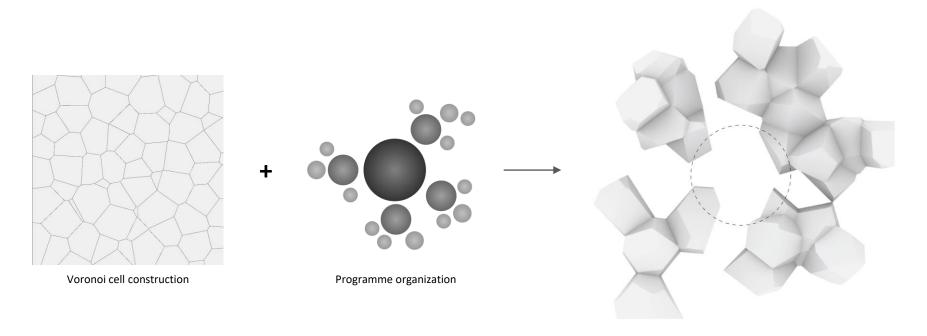






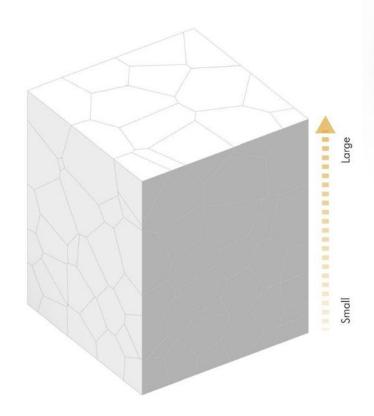


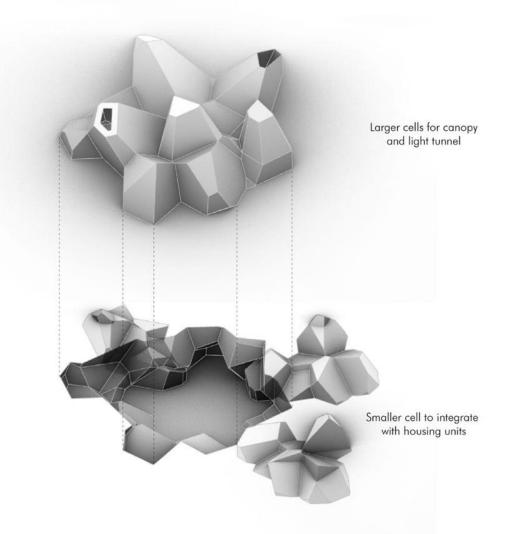
Voronoi housings to community

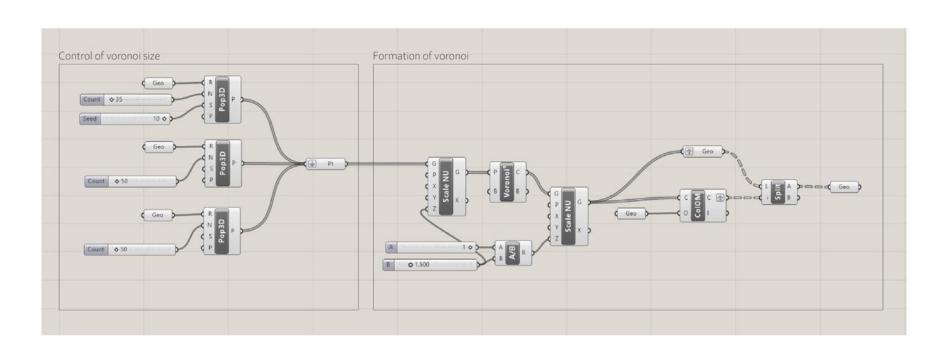


Voronoi cell organization

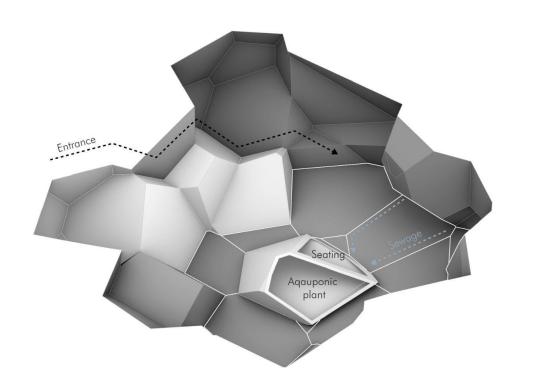
Courtyard voronoi design







Courtyard urban furniture design





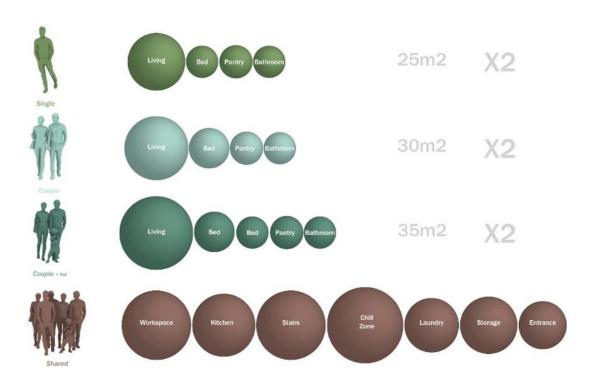
Cell stair design

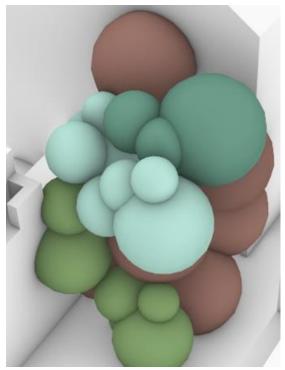


Aquaponic plant

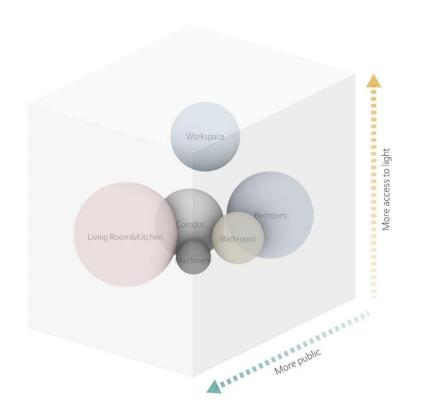


Case study - customization of spaces



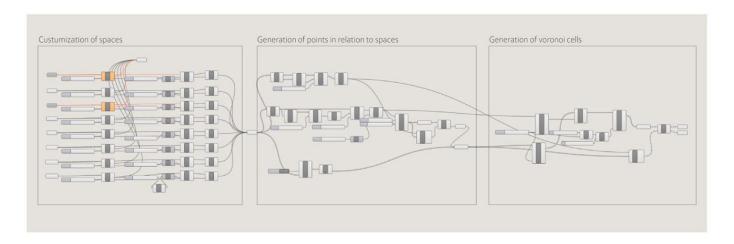


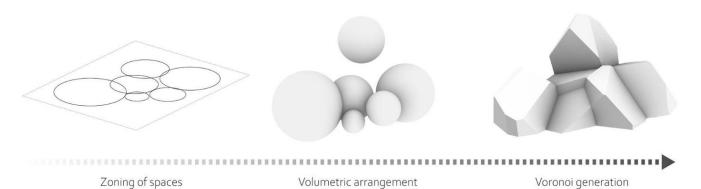
Design strategy - customization of volume



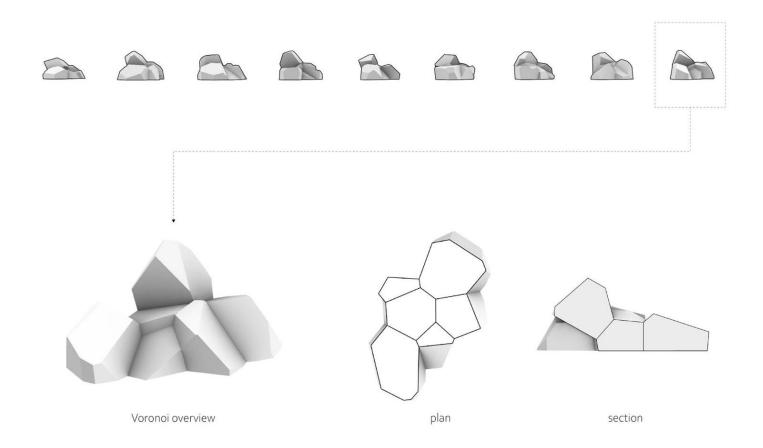


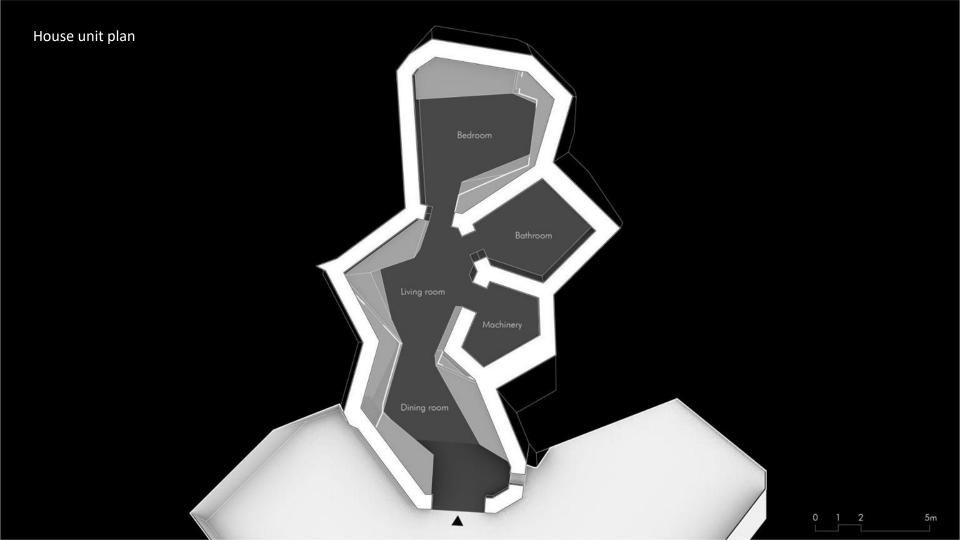
Translation of volume to voronoi

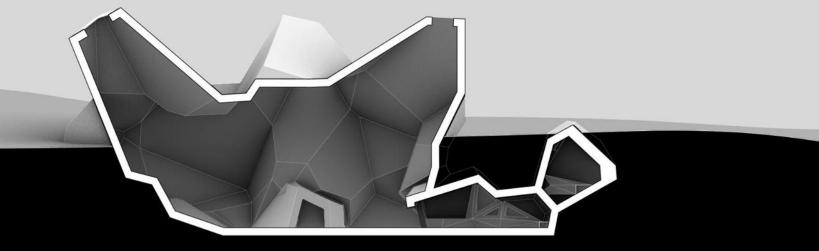


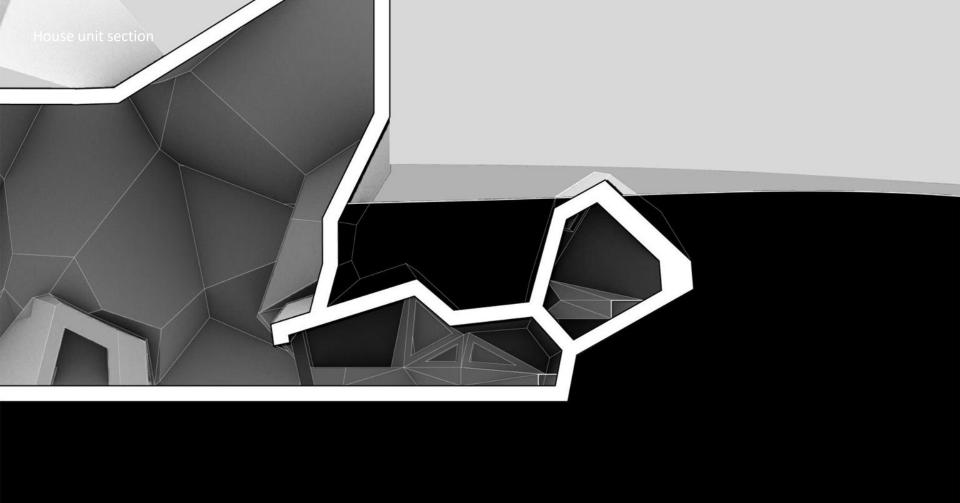


Selection of better options

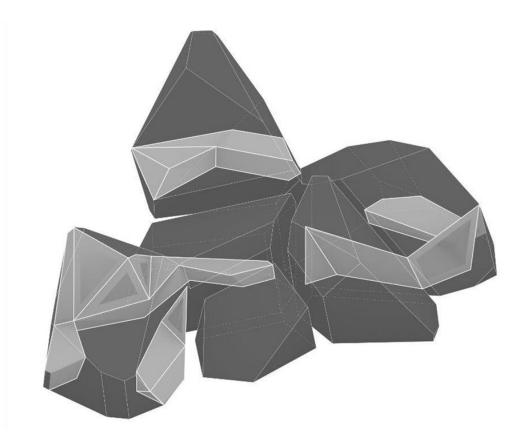






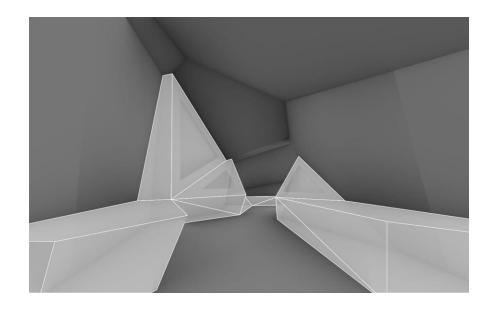


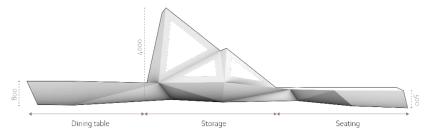
Furniture design



- -extended from the wall
- -continuous triangulated plane
- -variations in form for different usage

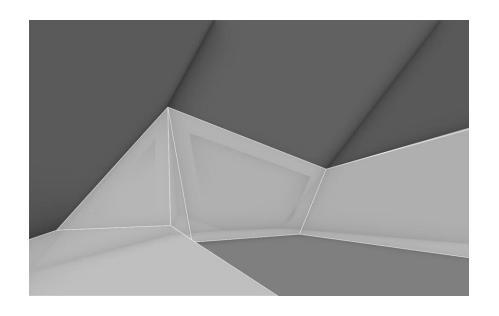
Furniture design - dining room

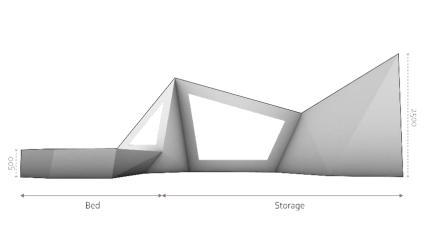




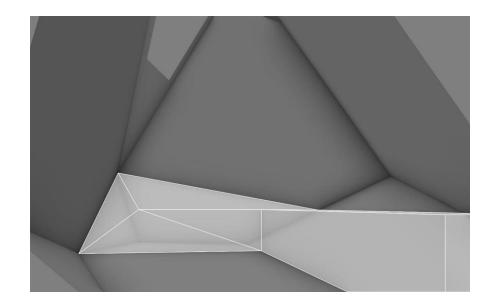


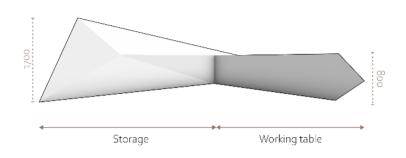
Furniture design - bedroom

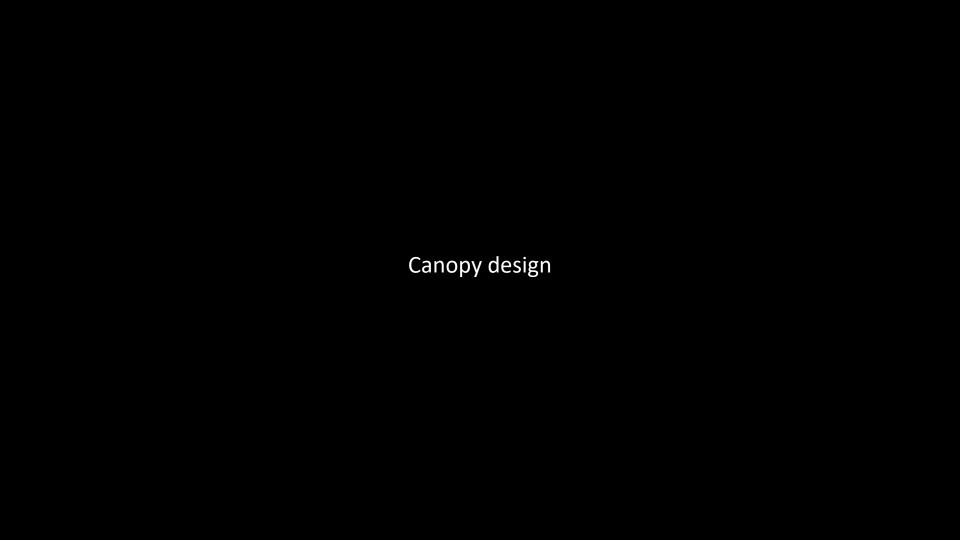




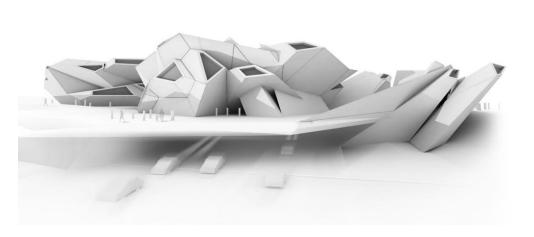
Furniture design - studio

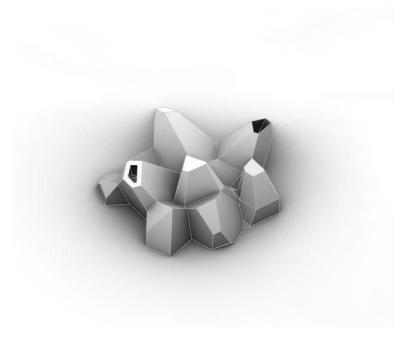






Inspiration





Student example

Voronoi dome generation



