

# Master of Science in Advanced Design and Construction

## SUMMER 9 Credits

**ARCH 700**  
Practice Models in ADC  
2 credits

**ARCH 701**  
Foundations:  
Design Computation  
2 credits

**ARCH 702**  
Foundations: Intro to  
Making with Robotics  
2 credits

**ARCH 703**  
Foundations: Data  
Systems, Construction, & AI  
2 credits

**ARCH 704**  
Foundations: Synthesis and  
Collaboration  
1 credit

## FALL 15 Credits

**ARCH 772**  
Integrative Computational  
Design + Manufacturing I:  
Group Build  
6 credits

**ARCH 760**  
Integrative Computational  
Design + Manufacturing II:  
Experimental Practice  
3 credits

**ARCH 779**  
Integrative Computational  
Design + Manufacturing III:  
Special Topic  
3 credits

**ARCH 713**  
Theory, History, and Methods  
in Computational Design  
3 credits

## WINTER 12 Credits

**ARCH 762**  
M.S. Capstone Studio:  
Applied Research in  
Materials, Construction +  
Environment  
6 credits

**ARCH 719**  
Advanced Computational  
Geometry and Algorithmic  
Design  
3 credits

**Elective**  
3 credits

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