

# M ARCH DESIGN COMPUTING CERTIFICATE

Student Name: \_\_\_\_\_

UW Email: \_\_\_\_\_

Expected Graduation Quarter/Year: \_\_\_\_\_

## RESEARCH STUDIO OR THESIS OPTION?

- RESEARCH STUDIO
- THESIS

### Certificate Requirements:

- Completion of 15 credits across 3 focus areas
- Minimum 2.7 grade required for course to count towards degree & certificate requirements
- Thesis or Research Studio should reflect one of the focus areas.

Please describe your thesis or research studio project here:

### Name & Signature of Research Studio Instructor or Thesis Chair attesting that related research was integrated:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name

Signature

Date

## VISUALIZATION

Course name	Credits	Quarter/Year	Grade
ARCH 481 - 3D Modeling and Rendering	3		
ARCH 581 - Advanced Rendering	3		

## SIMULATION

Course name	Credits	Quarter/Year	Grade
ARCH 524 - Design Technology V - Adv Environmental Systems	3		
ARCH 582 - Computational Lighting Design	3		
ARCH 598 - Performance Driven Design	3		

## FABRICATION

Course name	Credits	Quarter/Year	Grade
ARCH 527 - Intro to Digital Design & Fabrication	3		
ARCH 528 - Digital Design for Fabrication & Construction	3		
ARCH 529 - Advanced Digital Projects	3		

REPRESENTATION

Course name	Credits	Quarter/Year	Grade
ARCH 478 - CAD and Working Drawings	4		
ARCH 486 - Algorithmic Geometry in Arch Design	3		
ARCH 487 - Fundamentals of BIM	3		
ARCH 598 - Computational Design	3		

THEORY

Course name	Credits	Quarter/Year	Grade
ARCH 484 - Design Computing Seminar	3		
ARCH 586 - Computation and Design Technology Seminar	3		
ARCH 587 - Theory of Design Computing (discontinued after Winter 2021) replaced by ARCH 586	3		
ARCH 588 Research Practice or ARCH 592 Research Methods	3		

Certificate will be mailed 2-3 weeks after graduation quarter to local address. If your address will change, update contact information via MyUW.