



## Design, B.S. *major*

### Model Design Emphasis

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The Model Design Emphasis prepares students with the knowledge, skills and expertise required to create and construct tangible three-dimensional scale models. Utilizing a process of creativity, innovation and design students will have the opportunity to familiarize themselves with a variety of model making disciplines. (e.g., Consumer Products, Medical, Toys, Prototypes, Industrial Design, Architectural, 3D Printing and Engineering).

**Screening:** All Design Majors are required to pass a screening process in order to register for Junior Culmination and Senior Culmination. The screening process will take place during the fall of the student's Junior and Senior year.

Required Credits: 68

Required GPA: 2.25

#### REQUIRED CORE COURSES

COMPLETE THE FOLLOWING COURSES:

- TADD 1430 Design Foundations (4 credits)
- TADD 1440 Drawing Foundations (4 credits)
- TADD 2440 2D Design Software (4 credits)
- TADD 3440 3D Design Software (4 credits)
- TADD 3450 History of Modern Design (4 credits)

#### MODEL DESIGN EMPHASIS

COMPLETE THE FOLLOWING COURSES:

- TADD 3430 Introduction to Graphic Design (4 credits)
- TADD 3548 Advanced 3D Design (4 credits)
- TADD 3568 Exhibit Design/Trade Show (4 credits)
- TADD 3579 Branding and Packaging (4 credits)
- TADD 4549 Advanced Media Design (4 credits)
- TADT 1111 Introduction to Project Management (3 credits)
- TADT 1220 Introduction to Manufacturing Processes II (3 credits)
- TADT 1450 Introduction to Product Development (3 credits)
- TADT 2450 Product Finishing & Aesthetics (3 credits)
- TADT 2461 Parametric 3D Modeling (3 credits)
- TADT 3462 Computer Controlled Machining (3 credits)
- TADT 3470 Concept to Prototype Model (3 credits)
- TADT 4589 Advanced Prototype Project (3 credits)

COMPLETE THE FOLLOWING COURSE:

- TADD 3900 Junior Culmination (2 credits)

COMPLETE THE FOLLOWING COURSE:

- TADD 4900 Senior Culmination (2 credits)