

Master of Design Technology



START DATES

February

DURATION

1 year (3 trimesters), 6 courses

POINTS

180 points

NZQA

Level 9

TUITION FEES

NZ\$44,300 per 120 points (NZ\$66,450 for full programme)

NO WORK EXPERIENCE REQUIRED

ADMISSION REQUIREMENT

Academic requirements

- ▶ A Bachelor's degree or equivalent qualification in animation, a computer-related field, design, game design, science, or a similar area.
- ▶ An education or background in 3D computer graphics is essential.
- ▶ A visual portfolio is required as part of the application process.

English requirements

IELTS 6.5 with no sub-score below 6.

COURSES (COMPULSORY)

- ▶ MDDN 403 Design Ideation (15 points)
- ▶ MDDN 451 Creative Coding for Digital Content (30 points)
- ▶ MDDN 541 Visual Effects Capstone (60 points)
- ▶ SIDN 412 Mātauranga Design / Hoahoa ā-Mātauranga (15 points)

COURSES (ELECTIVES)

Trimester 1 (choose one 30-point elective):

- ▶ MDDN 421 Compositing and VFX Design (30 points)
- ▶ MDDN 432 Motion and Performance (30 points)

Trimester 2 (choose one 30-point elective):

- ▶ MDDN 422 Effects and Simulation (30 points)
- ▶ MDDN 431 Lighting and Rendering (30 points)

RESEARCH

Tech-art research areas that are practice based, such as immersive and interactive design, narrative design, real-time rendering applications, and visual effects methodologies.

INTERSHIPS/PLACEMENTS/PROJECTS

Programme does not include internships or placements. Industry mentorship opportunities are part of the programme and scheduled throughout the year. Students focus on the completion of their capstone project, which begins with an industry feedback session in Trimester 2 and culminates in an industry screening at the end of the degree.

CAREER OPPORTUNITIES

Feature film visual effects artist across many disciplines, with specialties such as animation, compositing, effects, lighting, or motion-capture performance. These are the proven pathways for Master of Design Technology graduates. Film directing, game and extended-reality design, research, teaching, and virtual production are additional career paths.