

BIOTECHNOLOGY MEDIA DESIGN, CERTIFICATE OF ACHIEVEMENT

The Certificate of Achievement in BioTechnology Media Design prepares students to work in specialized design services, biotech fields, interdisciplinary STEAM fields (Science, Technology, Engineering, Art, and Math), and other media design occupations. Students completing this program will be well-versed in design principles and apply them in mixed digital design and media, including 3D modeling and animation, computer illustration, image manipulation, print-based page layout, and production.

Students will be engaged in contextualized and experiential learning while digitally applying the fundamental principles of design to concrete, real-world projects. To earn a Certificate of Achievement in BioTechnology Media Design, students must complete 21 specified units. Students are encouraged to participate in a 60-180 hour internship with a Moorpark College-affiliated industry.

To earn a Certificate of Achievement in Graphic Design, students must complete 21 specified units.

Course ID	Title	Units/ Hours
DES M121	Introduction to Digital Media	3
DES M125	Digital Illustration	3
DES M130	Design I	3
DES M135	Social Media Design	3
DES M137	Biotechnology Media Design	3
DES M143	3D Fundamentals	3
DES M190	Design Portfolio	3
Total Hours		21

Year 1		
Fall Semester		Units/Hours
DES M121	Introduction to Digital Media	3
DES M130	Design I	3
DES M135	Social Media Design	3
DES M100 or DES M100H is strongly recommended. A Certificate of Achievement in Design Fundamentals (9 units) can also be earned upon completion of DES M100/H, DES M120 or DES M130.		
	Units/Hours	9
	Total Units/Hours	9

Year 1		
Spring Semester		Units/Hours
DES M125	Digital Illustration	3
DES M137	Biotechnology Media Design	3
	Units/Hours	6
	Total Units/Hours	6

Year 2		
Fall Semester		Units/Hours
DES M143	3D Fundamentals	3
DES M190	Design Portfolio	3
Internship - Paid or Unpaid is strongly encouraged and recommended.		
	Units/Hours	6
	Total Units/Hours	6

Upon successful completion of this program, students will be able to:

- demonstrate the skills and the knowledge necessary to apply deductive and inductive reasoning to analyze problems and synthesize solutions to design problems.
- demonstrate the ability to work as a team member, to communicate effectively with others, and to show individual judgement in determining potential issues and problems.