

# CGI BS



Bachelor of Science  
in Computer Graphics and Imaging  
61 Credit Major (58 Credit Major prior to Fall 2023)

Courses marked with \* are required. All courses are 3 credits unless otherwise noted.

## FOUNDATION REQUIREMENTS 18 Credits

COMPLETED

\*ART 100 Basic Drawing

\*ART 101 Introduction to 2-Dimensional Design

\*One 3-D Studio Class:

ART 102 Introduction to 3-Dimensional Design

ART 106 Introduction to Sculpture

\*ART 108 Introduction to Photography

\*ART 112 Introduction to Digital Imaging

\*One Art History Class:

ARH 141 Introduction to the History of Modern Art

ART 167 Tradition & Innovation in the Art of the West

## COMPUTER SCIENCE REQUIREMENTS 14 Credits

COMPLETED

\*CMP 167 Programming Methods I (4 Credits. PREREQ: MAT 104 or department placement)

\*CMP 157 Programming Methods I Lab (1 Credit. Co-req of CMP 167)

\*CMP 168 Programming Methods II (4 Credits. PREREQ: CMP 167)

\*CMP 158 Programming Methods II Lab (1 Credit. Co-req of CMP 168)

\*CMP 343 Full Stack Web Development (4 Credits. PREREQ: CMP 168 & 158)

Note: If a student has completed CMP 167 and/or CMP 168 before Fall 2023, then the related labs (CMP 157 and/or CMP 158 are not required).

## MATH REQUIREMENTS 5 Credits

COMPLETED

\*MAT 175 Calculus I (4 Credits. PREREQ: MAT 172 or MAT 103 & 171)

\*MAT 155 Calculus I Lab (1 Credit. Co-req of MAT 175)

ART/CGI REQUIREMENTS 24 Credits		COMPLETED
* ART/CGI 221	Applied Imaging & Applications to the Web I (PREREQ: ART 112)	
* ART/CGI 222	Introduction to Animation (PREREQ: ART 112)	
* ART/CGI 321	Computer Modeling & Design I (PREREQ: ART 112)	
* ART/CGI 322	Computer Modeling & Design II (PREREQ: ART/CGI 321)	
* ART/CGI 325	Digital Multimedia (PREREQ: ART 112)	
* ART/CGI 421	Computer Animation I (PREREQ: ART/CGI 321)	
* ART/CGI 422	Computer Animation II (PREREQ: ART/CGI 421)	
* One advanced Digital Media class: ART/CGI 441 Broadcast Design (PREREQ: ART/CGI 325) ART/CGI 480 Senior Project (Project proposal & faculty permission required) ART/CGI 487 Professional Experience in the Fine Arts (Internship & permission req)		