

Digital Animation Curriculum
(Students admitted in AY2014 to AY2016)
Specific Requirements for the Digital Animation BFA Curriculum
(Revised on 03 Nov 2016)

Course Code and Title	Type	AU	Pre-requisite
YEAR 1 SEMESTER 1			
DN1001 Foundation Drawing I	Core	3	NIL
DN1002 Foundation 2D I	Core	3	NIL
DN1003 Foundation 3D I	Core	3	NIL
DN1004 Foundation 4D I	Core	3	NIL
DD1003 Introduction to the Histories of Art I	Core	3	NIL
GER Communication I (Table A)	GER Core	2 / 3	NIL
TOTAL		17 / 18	
YEAR 1 SEMESTER 2			
DN1005 Foundation Drawing II	Core	3	DN1001
Foundation Option (Table B)	Core	3	N/A
Foundation Option (Table B)	Core	3	N/A
DD1004 Introduction to the Histories of Art II	Core	3	DD1003
GER Communication II (Table A)	GER Core	2 / 3	N/A
GC0001 Introduction to Sustainability: Multidisciplinary Approaches and Solutions	GER Core	1	N/A
Choose one from Range on offer in university	GER Prescribed Elective (LA)	3	N/A
TOTAL		18 / 19	

Course Code and Title	Type	AU	Pre-requisite
YEAR 2 SEMESTER 1			
DT2001 3D Production	Core	3	NIL
DT2009 Storyboarding	Core	3	NIL
DD2000 Introduction to the Histories of Art III	Core	3	DD1004
ML0001 Absolute Basics for Career	GER Core	1	N/A
Choose one from Range on offer in university	Unrestricted Elective	3	N/A
DD0002 The Contemporary Creative and Cultural Industry of Singapore / Unrestricted Elective (Choose one from Range on offer in university)	GER Core – Singapore Studies / Unrestricted Elective	3	NIL
Choose one from Range on offer in university	GER Prescribed Elective (STS)	3	N/A
TOTAL		19	
YEAR 2 SEMESTER 2			
Here the curriculum divides into two streams: Visual Effects (VFX) and Character Animation (CA)			
Character Animation (CA) Stream:			
DT2000 Drawn Animation I	Core	3	NIL
DT2011 Stop Motion	Core	3	NIL
Visual Effects (VFX) Stream:			
DF2003 Cinematography I	Core	3	NIL
Choose ONE from the following: DT2011 Stop Motion DT2000 Drawn Animation I	Core	3	NIL

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HY0001 Ethics and Moral Reasoning	GER Core	1	N/A
Choose one from Range on offer in university	Unrestricted Elective	3	N/A
DD0002 The Contemporary Creative and Cultural Industry of Singapore / Unrestricted Elective (Choose one from Range on offer in university)	GER Core – Singapore Studies / Unrestricted Elective	3	NIL
Choose one from Range on offer in university	GER Prescribed Elective (BM)	3	N/A
TOTAL		16	

Course Code and Title	Type	AU	Pre-requisite
YEAR 3 SEMESTER 1			
Character Animation (CA) Stream: DT3001 3D Character Animation I	Core	4	DT2000, DT2001
Visual Effects (VFX) Stream: DT3002 Visual Effects I			DT2001
DT3006 Animation Seminar	Core	4	DT2001
Core Art History (Table C)	Core	4	N/A
Choose one from Range on offer in university	Unrestricted Elective	3	N/A
Choose one from Range on offer in university	GER Prescribed Elective (Any Category – BM, STS, LA)	3	N/A
TOTAL		18	
YEAR 3 SEMESTER 2			
Character Animation (CA) Stream: DT3005 3D Character Animation II	Core	4	DT3001
Visual Effects (VFX) Stream: DT3003 Visual Effects II			DT3002
DT3008 Animation Development and Preproduction	Core	3	DT3001 or DT3002
ET0001 Enterprise and Innovation	GER Core	1	N/A
ML0002 Career Power Up	GER Core	1	N/A
Prescribed Elective (Table D)	Major Prescribed Elective	3	N/A
Choose one from Range on offer in university	Unrestricted Elective	3	N/A
Choose one from Range on offer in university	GER Prescribed Elective (Any Category – BM, STS, LA)	3	N/A
TOTAL		18	

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Course Code and Title	Type	AU	Pre-requisite
YEAR 4 SEMESTER 1			
DD4000 ADM Final Year Project *	Core	4.5	**
Prescribed Elective (Table D)	Major Prescribed Elective	3	N/A
Choose one from Range on offer in university	Unrestricted Elective	3	N/A
Choose one from Range on offer in university	Unrestricted Elective	3	N/A
TOTAL		13.5	
YEAR 4 SEMESTER 2			
DD4000 ADM Final Year Project *	Core	4.5	**
Prescribed Elective (Table D)	Major Prescribed Elective	3	N/A
Choose one from Range on offer in university	Unrestricted Elective	3	N/A
TOTAL		10.5	

* AU total for FYP is 9 that is given upon successful completion of the project

** Must have passed all Digital Animation core courses

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TABLE A:

GER Core Communication (5 AUs):	
Compulsory (3 AUs):	
Course Code and Title	Pre-requisite
DD0000 Writing Narratives for Creative Media	NIL
Student chooses <u>ONE</u> (2 AUs) from the following:	
HW0103 Introduction to Critical Writing	NIL
HW0305 Mastering Communication	NIL

TABLE B:

Elected Foundation. Student chooses <u>TWO</u> from the following:	
Course Code and Title	Pre-requisite
DN1006 Foundation 2D II	DN1002
DN1007 Foundation 3D II	DN1003
DN1008 Foundation 4D II	DN1004

TABLE C:

Core Art History (4 AUs). Student chooses <u>ONE</u> from the following: (These are also available as Major Prescribed Electives)	
Course Code and Title	Pre-requisite
DD2005 Survey of New Media	NIL
DD3005 Survey of Modern Art, 1900 - 1945	NIL
DD3006 Art in the Age of Colonialism	DD1004 / DD2000
DD3011 Contemporary South-East Asian Art	NIL
DD3014 From Modern to Post-Modern Art 1945-1985	Nil (DD3005 Preferred)

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TABLE D:

Prescribed Electives (9 AUs): Student chooses THREE from the following or any ADM course:

Animation	
Course Code and Title	Pre-requisite
DT2003 3D Modelling I	NIL
DT2004 Graphic Storytelling	NIL
DT2005 Lighting and Rendering Pipeline I	NIL
DT2006 Issues in Animation Practice	NIL
DT2008 3D Modelling II	DT2003
DT2010 Digital Compositing	NIL
DT2012 Digital Painting	NIL
DT2013 Fundamentals of Stereography	DF2000 or DT2001
DT2014 Projection as Art	DT2013
DT2015 Advanced 3D Production	DT2001
DT3000 Drawn Animation	DT2000
DT3001 3D Character Animation I (If VFX)	DT2000, DT2001
DT3002 Visual Effects I (If CA)	DT2001
DT3003 Visual Effects II (If CA)	DT3002
DT3004 Rigging for Animation	DT2001
DT3005 3D Character Animation II (If VFX)	DT3001
DT3009 Cinematic Concepts and Motion Capture	DT2001
Others (Art and Area History)	
DD2007 The Art and Architecture of the 'Long Century' 1789 - 1914	NIL
DD3004 Modern and Contemporary Chinese Art	NIL
DD3007 Nature in Art and Visual Culture	NIL
DD3008 Cities, Bodies, Memories, Art & Everyday Life in Cont. Sg.	NIL
DD3010 Issues in Global Contemporary Art	NIL
DD8002 Ways of Seeing: Exploring Visual Culture	NIL
DD8004 The Fantastic in Western Visual Arts	NIL
DF2009 History of Film	NIL
DF8000 Survey of Experimental Filmmaking	NIL
DM2004 History of Games	NIL
DP2002 History of Photography	NIL
DR2003 History of Product Design	NIL
DT2002 History of Visual Effects	NIL
DT2007 History of Animation	NIL
DV2003 History of Graphic Design	NIL
Others (Unaffiliated)	
DA2000 Applied Drawing	NIL
DA2001 Painting	NIL

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Unrestricted Electives (24 AUs): Choose one from Range on offer in university or any ADM course:	
Course Code and Title	Pre-requisite
DA2003 Watermedia Landscape Painting	DN1001 & DN1002
DA9004 Technology Art in Fashion	NIL
DA9009 Exhibition Design	NIL
DA9010 Composition Across Media	NIL
DA9011 Kinetic Anatomy: Dynamic Figure Drawing for Artists and Designers	DN1001 & DN1005
DA9012 Media Art Nexus	NIL
DD3002 Internship (10 weeks)	At least 72 AUs
DD3012 Research Methods in Art and Design	NIL
DD8006 The Modern and Modernism in Southeast Asian Art	NIL
DD8007 From Colonialism to Tourism: Early Photography in Asia	NIL
DD8008 Faith and Art	NIL
DD8009 Japanese Art: Edo to Contemporary	NIL
DD8010 Visualization of Cultural Heritage	NIL
DD8011 Aesthetic Manifestations of Buddhist Devotion & Practice	NIL
DD8012 Contemporary Curating	DD1003 or DD1004
DD9006 Seminar in Theories and Practices of Heritage Activism	NIL
DD9007 Independent Study	NIL
DD9008 Research Perspectives in Cultural Cinema	NIL
DD9009 Design Thinking	NIL
DD9010 Imag(in)ing the Silk Road: Heritage and Media	NIL
DD9011 British Art: 1839 - 1939	NIL
DD9012 West Asian Cultures and the Art and Architecture of the Ottoman Empire	NIL
DD9013 Heritage Studies: An Introduction	NIL
DD9014 Introduction to Museum Studies	DD1003
DG9000 Creative Design in Communication and Marketing	NIL
DG9001 Singapore Architecture: The Historical, Cultural and Socio-Economic Perspectives	NIL
DG9002 Eco-Architecture in the Urban Living Environment	NIL
DG9003 Aesthetic and Creative Use of 2D Media	NIL
DG9004 Aesthetic and Creative Techniques of the Moving Image	NIL
DG9005 The Magic of Voice in the World of a Singer	NIL
DG9006 Creative Thinking in Design Solutions	NIL
DM3008 Generative Forms	NIL
DV9001 Art, Design and Science	NIL

***For a comprehensive list of ADM courses, please refer to the link below:**

<http://www.adm.ntu.edu.sg/Programmes/Undergraduate/UndergraduateProgrammes/Undergraduate-Degree/Pages/Course-Content.aspx>