

BS Motion Picture Science

School of Film and Animation

Academic Program: **UIAS**
 Academic Plan: **DIGCIME-BS**
 Academic Subplan:
 Academic Catalog: 2015-2016
 Required Credits: 124*

Name: **Last name, First name**
 UID: XXXXX-XXXX

Freshman		Fall 1	Cr	Gr	S/P	Term	Spring 1	Cr	Gr	S/P	Term
		Production I SOFA 101	3				Production II SOFA 102	3			
		Film Viewings SOFA 111	1				Intro to Imaging and Video Sys. (GE 1) SOFA 103	3			
		GE Foundation 1: Innovative Freshmen Experience I IMGS 181	3				GE Perspective 6: University Physics I (Scientific Principles) PHYS 211	4			
		GE Perspectives 7a: Project-Based Calculus I (Mathematical) MATH 181	4				GE Perspectives 7b: Project-Based Calculus II (Mathematical) MATH 182	4			
		Introduction to Computing and Control IMGS 180	3				Inn. Freshmen Experience II (optional) IMGS 182 counts as a Free Elective if taken	3			
		GE Foundation 2: First Year Writing (FYW) ENGL 150, UWRT 150, OR ISTE 110	3								
Sophomore		Fall 2	Cr	Gr	S/P	Term	Spring 2	Cr	Gr	S/P	Term
		Animation Survey (GE 2) SOFA 121	3				Production Processes SOFA 202	4			
		Vision & Psychophysics (GE 3) IMGS 221	3				Basic Sound Recording SOFA 205	3			
		GE Perspective 5: University Physics II (Natural Science Inquiry) PHYS 212	4				Fundamentals of Color Science (GE 4) IMGS 351	3			
		GE Perspective 1 (Ethical) _____	3				Linear/Fourier Methods (GE 5) IMGS 261	4			
		Probability & Statistics for Imaging IMGS 211	3				GE Perspective 2 (Artistic) _____	3			
Junior		Fall 3	Cr	Gr	S/P	Term	Spring 3	Cr	Gr	S/P	Term
		Image Capture & Production Technology SOFA 311	3				Digital Post-Production Techn. (PR-WI) SOFA 312	3			
		Radiometry IMGS 251	3				Object & Character Creation OR Digital Effects and Compositing SOFA 209 or SOFA 531	3			
		Geometric Optics (GE 6) IMGS 321	3				Image Processing and Comp. Vision II IMGS 362	3			
		Image Processing and Comp. Vision I IMGS 361	3				GE Immersion 1 of 3 (GE-WI) _____	3			
		GE Perspective 3 (Global) _____	3				Free Elective 1 _____ (any RIT course Institute-wide)	3			
Senior		Fall 4	Cr	Gr	S/P	Term	Spring 4	Cr	Gr	S/P	Term
		Senior Project I SOFA 401	3				Senior Project II SOFA 402	3			
		Film Projection and Digital Cinema SOFA 313	3				Free Elective 3 _____ (any RIT course Institute-wide)	3			
		SOFA Elective 1 _____ (choose one from back)	3				SOFA Elective 2 _____ (choose one from back)	3			
		Free Elective 2 _____ (any RIT course Institute-wide)	3				GE Perspective 4 (Social) _____	3			
		GE Immersion 2 of 3 _____	3				GE Immersion 3 of 3 _____	3			
Legend		<i>GE = General Education Requirement</i>									
Additional Courses	ACSC 10	YearOne	0					0			
Wellness*	Activity 1		0				Activity 2	0			
Minor	Code						Courses				
Co-op	Co-op		0				Co-op	0			
Credits	Pending:	0					Earned:	0			

*All course requirements must be completed for degree certification, including two different wellness courses for credit.

Audit: _____
 Certified: _____

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This planning sheet is a good faith effort to determine the most efficient sequencing of courses toward graduation in your current academic program. The timing and/or scheduling of specific courses is always subject to change. In the event that a course is not available in a particular term, the academic program will work with you to identify reasonable and academically acceptable alternatives.

It is important to register for reasonable and appropriate course loads to maximize your chance for academic success and timely program completion.

Not all courses are offered every semester and no core courses are offered in the summer. Please consult SIS for up-to-date semester offerings. Most major courses are sequential. Please take major courses in the semester listed.

Certain actions, such as withdrawals, failures, change of major/minor and other delays in making progress in the current program may prevent you from degree completion as outlined in your plan.

Remaining in good academic standing is critical to strategically planning and completing your program.

University Writing Requirements (total three required Writing Intensive "WI" courses)

- 1 First Year Writing Course (FYW): ENGL 150, UWRT 150, OR ISTE 110
- 1 Programmatic Writing Intensive course (PR-WI): as required by degree program
- 1 Gen Ed Writing Intensive (GE-WI): Ideally this is a general education course, but it may also be a second PR-WI course.

SOFA Electives (Minimum 9 credits required)

Animation Emphasis:

- SOFA 509 Advanced Object & Character Creation
- SOFA 573 Fusion Production
- SOFA 576 After Effects for Animators
- SOFA 581 Particles and Dynamics
- SOFA 583 Building the 3D Character
- SOFA 586 Programming for 3D Animators
- SOFA 587 Digital Sculpting
- SOFA 588 DVD Authoring

OR SOFA-XXX: Any SOFA Production/Animation course listed as required on the SOFA BFA Animation/Production Emphasis Degree Worksheet. OR BS students may satisfy the SOFA elective requirements using any advisor-approved course from SOFA, natural science, computer science, engineering or business.

Production Emphasis :

- SOFA 165 Auto Intro for Media
- SOFA 521 Advanced Sound Recording
- SOFA 578 Advanced Cinematography
- SOFA 523 Advanced Editing
- SOFA 524 Advanced Directing the Actor
- SOFA 526 Writing the Short Film
- SOFA 525 Advanced Acting for Film
- SOFA 531 Digital Effects and Compositing
- SOFA 532 Underwater Cinematography
- SOFA 536 30-Second Commercial Production
- SOFA 563 Writing the Feature I
- SOFA 564 Writing the Feature II
- SOFA 571 Advanced Production Immersion-Topic
- SOFA 572 Mixing and Sound Design
- SOFA 574 Documentary Field Production

Co-op and Internship (optional)

- SOFA 499 Undergraduate Co-op
- SOFA 498 Film and Animation Internship

Advising

For Academic Advising, please contact CIAS Student Services with any questions such as: degree requirements, credits, certification, academic plan, enrollment issues, leave of absence, application for graduation. *Your Academic Advisor's information can be found on your SIS account or email ciasadvising@rit.edu.*

For Career Advising, please consult your Faculty Advisor for items such as: course content questions, internship permission, elective course suggestions, and related career questions. *Your Faculty Advisor's name and contact information is listed on your main SIS page.*

Important

*All course requirements must be completed for degree certification.