[Design Futures Course] List of Specialized Subjects

			ė				Ť					_		_									
			_	Clas	Minii	Minimum					Н	lou	rs p	per	er week *3								
Cate	Subject	Style		sifica tion *1	no. of credits *2		Year 1				Year 2				Υe	١	′ea	r 4	Remark *4				
gory			dit												0 0	0	c	гν	Remark 4				
							SSF			VV	5 5 F W		٧V	SSFW			SSFW						
	Design literacy basics	Lecture	1	0		1	2			- 1				1		- 1	-		- 7				
	Basic of Arts I	Seminar	1	0				П	T	T	4	4	╗	\exists						Ţ			
	Basic of Arts II	Seminar	1	0				H	-		4		\dashv	\dashv	÷	÷	1		+	÷	The term of study		
D	Basic of Arts III	Seminar	1	•		2		\vdash	+	+			1	1	÷	+	1		-	÷	depends on the		
esi	Basic of Arts IV	Seminar	1			<u></u>	\vdash	+	\dashv	-		4 4 4 4		÷	+	1		-	+	_class assigned			
gn							<u> </u>		_}	4	2	1	4	4	<u></u>	+	-		-	_			
Ë	Design and Humanities	Lecture	oturo 1						_	4	2		_	\dashv	<u></u>	+	1		_				
Design Literacy	Design and Social Sciences	Lecture		0	8	4		Ш			_	2		\dashv					-				
ડ્	Human Science in Design	Lecture	1	0		1					2												
Subjects	Science and Technology in Design	Lecture	1	0								2							į				
ects	Design Language I	Lecture	1	0				П			П			T		2							
0)	Design Language II	Lecture	1	0	t		H		Ť	7	一	╗	=		-	÷	2		7	Ť			
	Design Case Studies I	Lecture	1	0		1		2	÷	+	╡	+	=	\dashv	+	+			+	÷			
	Design Case Studies II	Lecture	1	0			-	H	+	\dashv	÷	\dashv	+	\dashv	+	2	1		+	÷			
	Introduction to Design Futures	Lecture	1	0			۳	Н	2	\dashv	+	+	\dashv	-	-		+		-	÷			
				-			<u> </u>	H	2	4	- i	-	2		<u> </u>	+	-		-	÷			
	Visual Arts Fundamentals	Seminar	1	0				H	-	4	-	_	2	\dashv	<u> </u>	<u></u>	<u> </u>	Ļ	_	<u> </u>			
	Design Concept	Lecture	1	0	1	10		Щ	_		_¦	_	2	_		_	_		_	_			
	Design Sketching	Lecture/	1	0	At least				į			2											
		Seminar						Ш	_	\dashv	_	_	_	4	_	+	-		-	_	-		
	Society and Diversity	Lecture/	1	0		one credit			i	2													
င္ပ	For the country of th	Seminar	4		must be earned				_ <u>i</u>	4	4	_	-	\dashv	<u></u>	_		i	_	_			
Course	Environment and Sustainability	Lecture	1	0	J	om each		H	-	4		2	_	\dashv	<u></u>	+	1			-			
	Critical Thinking	Lecture	1	0	of the			Ш	_;	_	2	;	_		_								
3as	Fundamentals of Programming	Seminar	1	0	subje		'				4												
Ċ	Computer Science I	Lecture	1	0	offere								2						i				
Basic Subjects	Introduction to Biology I	Lecture/	1	0					į				2										
oje		Seminar	•	•	the fall term of				Ì				_		Ì	İ			Ì	İ			
cts	Environmental Design Basics I	Lecture	1	0					2												Subjects for		
	Environmental Design Basics II	Lecture	1	0	Year 1 and the winter			\Box		2											students enrolled		
	Industrial Design Foundation I	Lecture	1	0	term o				2				Ţ	T					1		by the Departmental Entrance Examination		
	Industrial Design Foundation II	Lecture	1	0	Year			П		2		T		\exists									
	-	Lecture/	1		, ou				2	7	寸	寸	=	\dashv	Ť	1	1		7				
	Introduction to Media Design I	Seminar	1	0				1	2														
	Introduction to Media Design II	Lecture	1	0				П		2		T		\exists		7					Lxammation		
	Fine Art Practice and Theory	Seminar	1				m		Ť	7	一	7	2	\dashv	÷		1		7				
	History of Western Art	Lecture	1					\vdash	÷	\dashv	2	_		\dashv	÷	+			-				
		Lecture/			•		-	\vdash	+	\dashv	-	\dashv	\dashv	-	÷	+	+		-	÷			
	Art and Culture	Seminar	1											2									
			Lecture/ 1	-	†			\vdash	÷	\dashv	÷	+	-	\dashv	_	+			-				
	Art and Environment	Seminar		1					1			- 1				2							
	Performing Arts Practice 1	Seminar	1		İ				_		2	7		\dashv	=				7	+			
0	Performing Arts Practice 2	Seminar			ļ			\vdash	\dashv	+	_	2	_	-1	÷		1		-	÷	Intensive subject		
2	Advanced Music Expression I	Seminar	1		1		<u> </u>			H	+	\dashv	\dashv	_	4	\dashv	÷	+	+		-	÷	◆DF/AD
rse	Advanced Music Expression II	Seminar	ł	ł				\vdash	+	\dashv	\dashv	+	_	1	+	+	+		-	+			
S					ļ			H	-	\dashv	-	_		+	1		-		-}		◆DF/AD		
Эес	Introduction to Intermedia	Lecture	1		1	_		Ш	;	4	_;		_	4	2		1		_				
<u>a</u> :	Philosophy of Design	Lecture	1		3	0			:	Ц		2		╝									
Zec	Design Aesthetics	Lecture	1		1				- !					2		1							
Course Specialized Subjects	Editing Design	Lecture/	1										2										
<u>p</u>		Seminar							_;	_	_		_										
ect	Design Materiality	Lecture/ 1					1	:					2										
S	-	Seminar			1			ш		4			_	_									
	Bio Art and Design	Lecture/	1								- }						2						
	Design Future Mark	Seminar						إسا	;	4	_	_;	_	_	_	4_	1		_				
	Design Futures Methodology	Lecture	1		1			نـــا		\dashv	2			_			<u> </u>						
	Design Elements	Lecture/	1										2										
	Design Constants (Seminar			1			Щ	-	4	4	_	_	_	_	-	-		_				
1	Design Conceptualization	Lecture/	1	ı	İ			, 1	- 1			- 1		- 1	2	i		ı i	i		i		
	Theory and Practice	Seminar	'									•	į	J	2	!	1		1				

Design Implementation Theory	Lecture/	1	
and Practice	Seminar		
Environmental Ethics	Lecture	1	
Material Culture Studies	Lecture	1	
Traditional Societies in the	Lecture	1	
Globalized World	Loctaro	•	
Social Design for Environment	Lecture	1	
Value and Policy	Lecture/	1	
value and i oney	Seminar	'	
Culture and Representation	Lecture	1	
Communication in the Arts	Lecture/	1	
Communication in the Arts	Seminar	'	
Arts Management	Lecture	1	
Design for Inclusive Education	Lecture/	1	
Besign for inclusive Education	Seminar	•	
Qualitative Research Methods	Lecture/	1	
Quantative Hoodardii Motilogo	Seminar		
Facilitation Skills	Seminar	1	
Art and Design Writing Skills	Seminar	1	
Dayahamatriaa	Lecture/	2	
Psychometrics	Seminar	_	
Physical Computing and IoT	Lecture/	1	
I Trysical Computing and lot	Seminar	'	
Web Service Design	Lecture/	2	
Web Cervice Design	Seminar	_	
Data Analytics	Lecture	1	
Algorithms	Seminar	1	
Simulation (Theory)	Lecture	1	
Simulation (Practical)	Seminar	1	
Computer Science II	Lecture	1	
Computer Science III	Lecture	1	
		1	
Data Mining I	Lecture		
II lata Mining II		1	
Data Mining II	Lecture	-	
Advanced Biology and	Lecture	1	
Advanced Biology and Computation I		-	
Advanced Biology and Computation I Advanced Biology and		-	
Advanced Biology and Computation I	Lecture Lecture	1	
Advanced Biology and Computation I Advanced Biology and	Lecture Lecture/	1	
Advanced Biology and Computation I Advanced Biology and Computation II	Lecture Lecture/ Seminar	1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II	Lecture Lecture/ Seminar Experim	1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II	Lecture Lecture/ Seminar Experim ent/Exer	1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments	Lecture Lecture/ Seminar Experim	1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II	Lecture Lecture/ Seminar Experim ent/Exer	1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/	1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Lecture/ Seminar	1 1 1 2	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Lecture/ Seminar Lecture/	1 1 1 2	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar	1 1 1 2 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Seminar	1 1 1 2 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights:	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/	1 1 1 2 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 2 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/	1 1 1 1 2 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/	1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A II	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 2 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A II Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/	1 1 1 1 2 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A II Design Futures International Project A III	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A III Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/	1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A III Design Futures International Project A III Design Futures International Project A IV	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A III Design Futures International Project A IV Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/	1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A IV Design Futures International Project A IV Design Futures International Project B I	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A III Design Futures International Project A IV Design Futures International Project B I Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A IV Design Futures International Project B I Design Futures International Project B I Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 1 1 1 1 1 1 2 2 2 2 2	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A IV Design Futures International Project B I Design Futures International Project B I Design Futures International Project B II Design Futures International	Lecture Lecture/Seminar Experim ent/Exer cise Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar Lecture/Seminar	1 1 1 1 1 1 1 1 1 1 1 1	
Advanced Biology and Computation I Advanced Biology and Computation II Introduction to Biology II Biology Experiments Perceptual Psychology Start-ups and Global Disruptors Global Design Innovations Design Pitching Skills Intellectual Property Rights: Global Perspective Design Futures International Project A I Design Futures International Project A III Design Futures International Project A IV Design Futures International Project B I Design Futures International Project B I Design Futures International	Lecture Lecture/ Seminar Experim ent/Exer cise Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar Lecture/ Seminar	1 1 1 1 1 1 1 1 1 1 2 2 2 2 2	

	_			_	_	_		_	_	_	_	_	_	
						ŀ			2					
							2							◆ED/DF
						2								◆ED/DF
									2					,_
									_					
			2											◆ED/DF
										2				
					2			-		-				
	_	_		-	_			-	-	_			-	
							2							◆ED/DF/AD
								_	2					◆ED/DF
										2				
	_				_			<u> </u>	_	_				
						2								◆DF/AD
	-	_						2		_				◆ED/DF
	-	_		-	<u> </u>	2		_	_	<u> </u>			-	▼ED/DF
		_			_	<u> </u>	,	2	<u> </u>	_				◆ DE/MD/AD
							4							◆DF/MD/AD
							2							◆DF/MD
-	<u> </u>	<u> </u>		<u> </u>	L	⊨		<u> </u>	⊨	<u> </u>	_	<u> </u>	<u> </u>	
				4										◆DF/MD
					2									◆ED/ID/DF/AD
				4										*
							2							
							2							
						2								
							2							
							2							◆ID/DF/AD
								2						◆ID/DF/AD
					2									
	<u> </u>	_		-	_	_		<u> </u>	_	_		_	-	
						2								
									2					
						<u> </u>		<u> </u>						
:	:	:		:	:	:		:		:	:		:	
:		:			:	:			4	:			:	
				1				_						A DE /A D / A D
				4		_		_						◆DF/MD/AD
				2										
				2										International
						<u> </u>		<u> </u>						Program subjects
					2			_		_				J
						2								
	-	_			-	<u> </u>	_	-		-				
							2							
								2						
		_		_		<u> </u>		Ι_		_			_	
									2					
				-		-		-		_			-	
						ŀ		ŀ		2				Subjects related to the study abroad
							4							ule study abioad
						_		_		_				
								4						
		_				_		_	4	_				
								_						
										4				

	Internship I	Experim ent/Exer cise	1								2		2	2		Intensive subject
	Internship II	Experim ent/Exer cise	1								2		:	2		Intensive subject
S C C	Common Thematic Projects A	Seminar	4	0			1 1 1	8								
Course Subjec	Common Thematic Projects B	Seminar	4	0	Ī		1 1 1		; ;	8	3					
se E ject	Design Platforms A	Seminar	4	0		2			8							
ourse Exercises Subjects (PBL)	Design Platforms B	Seminar	4	0	Ì '	,					8					
rcis PBI	Design Platforms C	Seminar	4	0	Ĭ				8							
es -)	Design Platforms D	Seminar	4	0	Ĭ						8	3				
Transdisciplinary Projects/Platforms	Transdisciplinary Projects A	Seminar	4	0	4			8	8	8	8 8		8	8		Offered in summer and fall quarters
Transdisciplinary Projects/Platforms	Transdisciplinary Projects B	Seminar	4	0		r		8	8	8	8 8		8	8		Offered in summer and fall quarters
Graduation Research/Design	Senior Project I Senior Project II	Seminar	4	0		3							8		8	
uation h/Design	Senior Project II	Seminar	4	0									8		8	
D	Course Specialized Subjects in															
le ept	own course				1	_				L	1 1				_	At least 8 credits
th and Bi Electives	Course Exercises Subjects in own course (PBL)															must be earned
nd I	Course Specialized Subjects in				12						+ +		H	٢		from other course
Brea 3s *5	other courses									1					subjects	
Depth and Breadth Electives *5	Course Exercises Subjects in other courses (PBL)					8										

^{*1} \odot indicates a required subject, \circ indicates a required elective, and a blank space indicates an elective.

^{*2} The table above shows the minimum number of credits to acquire for each subject category and designated subject group. Please follow the instructions in the course guidance.

^{*3} The semester / quarter in which the subject is offered is subject to change, including intensive subjects.

^{*4 (♠)} in the "Remarks" column indicates subjects that are common to some courses.

^{*5} The credits for "Course Specialized Subjects" and "Course Exercises Subjects (PBL)" in the "Depth and Breadth Electives" category are the sum of the credits for subjects taken more than the graduation requirements for each subject category of the course the student belongs.