

IND ADVISING MATRIX - 120 Total Credit Hours

This guide accounts for prerequisites and the current portfolio requirement. The guide is for the advisor and the student to work out the student's specific needs. Transfer credits, the opportunity for summer and winterim classes, and course availability affect final schedules.

	1	2	3	4	Portfolio Review	5	6	7	8
	IND major mandatory advising period								
IND Required Courses (73 credits)	ART 1141 - 3 Studio Foundations: Drawing	ART 1101 - 3 Studio Foundations: 2D	ART 1501 - 3 Studio Foundations: 3D	IND 2450 - 4 Beginning ID Studio Gray: This is the Studio Sequence		IND 3450 - 4 Intermediate ID Studio Registration requires passing the portfolio review (P)	IND 4450 - 4 Advanced ID Studio	IND 4540 - 4 Concept & Portfolio Development	IND 4460 - 4 Professional ID Studio
	* IND 1000 - 1 Introduction to Industrial Design	* IND 1450 - 3 Technical Drawing and CAD	IND 3660					IND 3800 - 4 Design for Marketability and Manufacturing	IND 4960 - 3 Professional Internship
	* IND 1470 - 3 Design Drawing Techniques	IND 3050 - 3 Advanced Sketching	IND 2100 - 3 Digital Composition				IND 3600 - 3 Digital Visualization in ID		Prerequisite: All General Studies course requirements completed, and IND 4450
	* IND 1100 - 3 Materials I: Materials & Fabrication	* IND 1300 - 3 Materials II: Materials & Fabrication					IND 3400 - 3 Product Usability and Ergonomics		
			* IND 2830 - 3 Manufacturing M&P	IND 3480 - 3 Model Making		* IND 3950 - 3 History of ID			
			IND 1450	IND 3660 - 3 Computer Aided Modeling					
Note: All 14 courses in the columns above must be completed prior to portfolio review									
IND Electives (14 Credits)		IND 2000 - 3 Design Aesthetics	IND 3200 - 3 Bicycle Design & Fabrication	IND 3550 - 3 Textiles: Materials & Fab.	IND 4550 - 3 Advanced Textiles	IND 3850 - 3 International Design Workshop	IND 4210 - 3 Utilization of Composites in Manufacturing		
	Consult with your advisor for additional IND elective courses. A minimum of 6 credits are required from the IND track.		Prereq: IND1300, IND1450, and IND1470	Prereq: IND1450, IND1470		*Repeatable course	Prereq.: IND 3100		
		* IND 3000 - 3 Design Thinking	IND 3100 - 3 Advanced Plastics & Composites	IND 3980 - (1-3) Elec. Internship Exp.	IND 3330 - 3 Furniture Design	IND 4410 - 3 Surface modeling for ID			
		† Social and Behavioral Science	Prereq: IND 1300	Prereq: IND 2450	Prereq: IND 1300	Prereq.: IND 3660			
*Recommended GS courses for IND majors (IND 2810, ARTH 1500, and ARTH 1700 are REQUIRED for IND majors).									
General Studies (33 Credits)	† Inquire with the University Catalog, or your advisor, for a list of approved General Studies courses. A separate Ethnic Studies & Social Justice (ESSJ) course is required. Check with your advisor for more information. *IND Minor (22 credits): IND 1000, IND 1100, IND 1300, IND 1450, IND 1470, IND 2830, IND 3000, and IND 3950	Oral Communication - 3	Quantitative Literacy - 3	Natural & Physical Science - 3	Social & Behavioral Science - 3	Natural & Physical Science - 3			
		* Recommended: COMM 1010 - 3 (Within 30 hours)	(Within 30 hours)	Recommended: PHY 1000 - 4 (Within 90 hours)	Recommended: PSY 1001 - 3 (Within 90 hours)	(Within 90 hours)			
		Written Communication1 - 3	ARTH 1500 - 3 Art and Visual Literacy Arts and Humanities	ARTH 1700 - 3 World Art II: Art1400-1900 Register Art Department	IND 2810 - 3 Design & Tech.: Global Perspectives	Historical - 3			
		* Recommended: ENG 1010 - 3 (Within 30 hours)	* Recommended: ENG 1020 - 3 (Within 45 hours)	Arts and Humanities with Global designation (Within 90 hours)	Prereq.ENG 1010, Pre or Co req. ENG 1020	(Within 90 hours)			
					† Social and Behavioral Science I and Global Diversity (Within 90 hours)				