200										Micy .		
100	Erasmus+											
	"Characha Assahi" Tashuisal Huisaniin of Issi									Danner		
	"Gheorghe Asachi" Technical University of lasi Faculty of Industrial Design and Business Management									1913		
										Tass -		
	List of courses available for Erasmus incoming students											
Name of English- taught study programmes	Level of study (UG/MSc) UG		https://study.tuiasi, ro/industrial-design/									
Industrial Design												
No.	Name of the course and main chapters	Code from the	Field of study	Program of study	Professor (please mention the email	I evel of	Voor of	Semester (1/2)	No. of	Support materials for the course (please mention	Individual or	Assessment (Please
140.		Study Plan	i leid of study	1 rogram or study	address)	study	study	Demester (1/2)	ECTS	written materials / link address for online	group	mention the language for the
1	Computer Aided Design for Knitting. 1. Software specialised for designing automatically the knitting programs for electronic flat knitting machines. 2. Design of the knitted panels with basic structures.	406.DS.DI	Industrial Engineering	Knitting and Clothing Technology	Mirela BLAGA, mirela.blaga@academic. tuiasi.ro	UG	4th	1	6	Written materials and https://learning.tuiasi. ro/course/view.php?id=1237	Individual: EN	EN
2	Design and Technologies for Functional Knitted Fabrics. 1. Exploring the the potential of the weft and warp knitting technologies to produce knitted fabrics with technical end uses. 2. Software for producing weft knitted fabrics with 3D shapes for technical applications.	414.1.DS.DO	Industrial Engineering	Knitting and Clothing Technology	Mirela BLAGA, mirela.blaga@academic. tuiasi.ro	UG	4th	2	4	Written materials and https://learning.tuiasi. ro/enrol/index.php?id=1619	Individual: EN	EN
3	Flat knitting technology I. 1. Principles of knitting. 2. Operation and basic structures on hmanual flat knitting machines.	306.DS.DI	Industrial Engineering	Knitting and Clothing Technology	Mirela BLAGA, mirela.blaga@academic. tuiasi.ro	UG	3rd	2	4	Written materials	Individual: EN	EN
	Flat knitting technology II. 1. Automatic weft flat knitting machines 2.Warp knitting machines	000.50.51	middonal Engineering	running and crouning recurrency	Mirela BLAGA, mirela.blaga@academic.	1	O.G		<u> </u>	THILLIAN THE CONTROL OF THE CONTROL	morridan. Erv	
4	Elements of Textile Design. 1. Introduction in design/textile design. 2.	403.DS.DI	Industrial Engineering	Knitting and Clothing Technology	tuiasi.ro	UG	4th	1	6	Written materials	Individual: EN	EN
5	Structural design of textiles. 3. Aesthetic textile design. 4. Theory of colour. 5. Textile design - Aplications.	113.1.DID.DO	Industrial Engineering	Industrial Design	Irina CRISTIAN, irina-niculina. cristian@academic.tuiasi.ro	UG	1st	2	5	http://learning.tuiasi.ro/course/index.php? categoryid=24	EN/FR	EN/FR
6	Industrial Design - Woven Fabrics. 1. Woven fabrics structural characteristics. 2. Geometrical modelling of woven fabrics. 3. The mass and thickness of woven fabrics - calculus methods. 4. Structural factors for woven fabrics. 5. Technical calculations on reed and shafts.	315.DS.DI	Industrial Engineering	Industrial Design	Irina CRISTIAN. irina-niculina. cristian@academic.tuiasi.ro	UG	3rd	2	4	http://learning.tuiasi.ro/course/index.php? categoryid=24	EN/FR	EN/FR
7	Textile structures - Woven fabrics. 1. Introduction to the field of woven fabrics structures (definition, classifications, specific properties, destinations). 2. Functional design of woven fabrics (properties, construction parameters, structure/properties correlation). 3. Drawing the draft for dobby weaving machines (the threading, the lifting plan, the denting plan). 4. Weave structures for simple woven fabrics (fundamental/derivative/combined). 5. Compound woven fabrics (structural variants, construction method for double-face and double-layer weave structures). 6. Aesthetic design of the woven fabrics (colour-and-weave effect, colour-combinations).	207.DID.DI	Industrial Engineering	Industrial Design	Irina CRISTIAN, irina-niculina, cristan@academic.tuiasi.ro	UG	2nd	2	4	written materials/en	EN/FR	ENFR
	CAD - Woven fabrics. 1. Major software manufacturers for CAD – Woven fabrics. 2. Software classification. General/specific features. 3. The operating mode for generating the weave pattern/draft/colour-and-weave effect/woven				Irina CRISTIAN, irina-niculina.		4th	1	5		EN/FR	EN/FR
*	fabric simulation. 4. 3D-modelling of simple and compound woven fabrics. Metrology in Textile and Leather .	402.DS.DI	Industrial Engineering	Industrial Design	cristian@academic.tuiasi.ro	UG	401	1	1 5	written materials/en https://skills4smart.iversity.	EN/FR	EIWEIN
9	documents to protocols and protocols. lextule testing: from normative documents to protocols and practice. Customising the testing plan with measurements for the quality control of a	204 DID DI		Industrial Design	Rodica HARPA rodica.harpa@academic.tuiasi.ro	UG	2nd	1	4	org/en/my/courses/tehnolog-in-textile https://learning.tuisia.ri/course/view.php? id=1147#section-5	Individual: EN	EN
	textile material / product with specified end-use.		Industrial Engineering									
10	Computer Aided Graphics II/ Corel Draw - basic principles; sketches drawing; interactive effects; advertising models / Google SketchUp - basic principles; basic 3D models; advanced 3D models	202.DF.DI	Industrial Engineering	Knitting and Clothing Technology / Industrial Design / Footwear Design and Technology	Dorin IONESI, savin-dorin. ionesi@academic.tuiasi.ro	UG	2nd	1	6	written materials/ en	group meetings/ en	EN
11	Basics of computer aided technological design / Module 1 – Autocad 2D; Module 2 – Autocad3D; Module 3 – Inventor	203.DID.DI	Industrial Engineering	Knitting and Clothing Technology / Industrial Design / Footwear Design and Technology	Dorin IONESI, savin-dorin. ionesi@academic.tuiasi.ro	UG	2nd	2	4	link address/ en	group meetings/	EN
	Industrial Technologies–YARNS. Raw materials in spinning mills; Processing lines in spinning mills; Fiber preparation for carding; Carding; Doubling and drafting; Combing; Roving formation; Ring spinning; Rotor spinning.	302.DS.DI	Industrial Engineering		Mariana ICHIM, michim@tex.tuiasi.ro	UG	3rd	1	4	Written materials/EN	Yes/EN	EN
13	General engineering in textiles & leather I. 1st Part - Introduction to textiles : Textile products and materials - 2nd Part - Transforming fiber to yarn - Spinning mill - 3rd Part - Woven fabric manufacturing – Weaving	110.DID.DI	Industrial engineering	Textile technology and design	Elena CODAU, elena.codau@academic. tuiasi.ro	UG	1st	1	5	https://learning.tuiasi.ro/mod/folder/view.php? id=2556	Yes	EN

		ı	I							1	
Structure and design of woven fabrics 1st Part – Double cloth (backed weaves, double weaves double cloth, double cloth pocket cloth) - 2nd Part – Special compound woven fabrics (weft and warp pile fabrics, terry											
pile structures, surface figured weaves – pigué, lappet weaves)	303.DID.DI	Industrial engineering	Textile technology and design	Elena CODAU, elena.codau@academic. tuiasi.ro	UG	3rd	1	6	Written materials	Yes	EN
Industrial technologies - woven fabrics (Short history of weaving, Raw materials, Yam processing processes for fabrics manufacturing, Winding, Twisting, Warping (direct and sectional warping), Sizing, Drawing and knotting, Quilling, Weaving (dassification of weaving machines, principle of weaving, shuttle, projectile, rapiter and jer weaving machines, multiphase weaving,	303.DS.DI	Industrial engineering	Industrial Design	Adrian BUHU, adrian.buhu@academic.	UG	3rd	1	4	https://learning.tuiasi.ro/course/view.php?id=1195	Yes, EN/RO	EN
Textile Structures – Yarns. Main chapters: Yarns classification. The classification of yarns structure, the technological flow influence of the yarns structure, geometric structure implications. The characteristics of blend: blending objectives, types of proportions also connection relations among them, determination of the blend average characteristics. The characteristics of yarns: fineness, torsion, bulky, hairness, shrinkage, tensile strength (breaking force), donagtion at press, stress-elongation curve, frictional behavior, bending behavior. Structure and the characteristics of wisked yarn, unconventional, fancy and special purpose yarns. Structure and the characteristics of sewing thread.	205.DID.DI	Industrial Engineering	Industrial Design	Liliana BUHU, liliana.buhu@academic. tulasi.ro	UG	2nd	2	5	Written materials	Yes, EN	EN
Industrial Design – Yams. Main chapters: Introduction. Types of yam. Filability – theoretical aspects. Design of the fibre blend. Yarn design. The transfer of fibre characteristics in yarn characteristics. Fancy yarns design. Sewing thread 17 design.	314.DS.DI	Industrial Engineering	Industrial Design	Liliana BUHU, liliana.buhu@academic. tuiasi.ro	UG	3rd	2	4	Written materials/https://learning.tuiasi. ro/course/view.php?id=1211#section-1	Yes, EN	EN
doogn.	711.50.51	maderial Engineering	maddinar Beorgii	tationio		1		<u> </u>	To receive them.php.id	100, 211	
Industrial Design-clothing. 1. Industrial design pattern making and grading of different category of textile garments 2.Design the garment tech pack 3	305.DS.DI	Industrial Engineering	Industrial Design	Manuela AVADANEI, manuela-lacramioara. avadanei@academic.tuiasi.ro	UG	3rd	2	5	Written materials (course, practical activities /project)	Yes/ EN	EN
Structure and clothing design. 1. Human body analyses: measurements, proportions, conformations. 2. Basics of patternmaking for garments 2	209.DID.DI	Industrial Engineering	Knitting and Clothing Technology	Manuela AVADANEI, manuela-lacramioara. avadanei@academic.tuiasi.ro	UG	2nd	2	4	Written materials (course, practical activities /project)	Yes/ EN	EN
CAD-clothing. 1. CAD functions for designing patterns 2. CAD functions to realize markers.	311.DS.DI	Industrial Engineering	Knitting and Clothing Technology	Manuela AVADANEI, manuela-lacramioara. avadanei@academic.tuiasi.ro	UG	3rd	2	5	Written materials (course, practical activities /project)	Yes/ EN	EN
Textile Structures - Knitted Fabrics (1. Weft knitted fabrics - basic evolutions, 21 colour patterns, miss stitches, tuck stitches, transferred stitches, jacquard 2	208.DID.DI	Ladia Mal Facilita de la	Keitria and Oleffician Facility and	Luminita CIOBANU, luminita.	UG	2nd		5	Written materials EN		EN
22 Aromatherapeutic Textiles. Main chapters: aromatherapy - general aspects; E	FT.IA.101	Industrial Engineering Chemical engineering	Knitting and Clothing Engineering Ecodesign in textile finishing	ciobanu@academic.tuiasi.ro Angela DANILA, angela.danila@academic.	MSc	1st	1	4	1. https://www.intechopen.com/books/active-	yes Yes/EN	EN
essential oils; extraction methods of essential oils; methods of embedding essential oils; prolonged/controlled release of essential oils; Testing methods for aromatherapeutic textiles				tuiasi.ro					ingredients-from-aromatic-and-medicinal- plants/aromatherapeutic-textiles 2, https://www. intechopen.com/books/active-ingredients-from- aromatic-and-medicinal-plants 3, https://www. intechopen.com/books/essential-plis-bioactive-		
The basics of footwear and leather goods technology I (Cutting technologies, 23 Preparation technologies (splitting, skiving, punching, bending, etc) 3	303 DS.DI	Industrial engineering	Technology and design of footwear and leather goods	Alexandra BODOGA (alexandra. luca@academic.tuiasi.ro)	UG	3rd	1	6	Written materials (course, practical activities /project)	Yes/ EN	EN
The basics of footwear and leather goods technology II (Stitching technologies 24 for upper and sole, Bonding technologies, Lasting technologies) 3	303 DS.DI	Industrial engineering	Technology and design of footwear and leather goods	Alina IOVAN-DRAGOMIR(alina.iovan- dragomir@academic.tuiasi.ro)	UG	3rd	2	6	Written materials (course, practical activities /project)	Yes/ EN	EN
Design and technology of leather goods (Design and technology of small leather goods products, Design and technology of mediun leather goods	406 DS.DI	Industrial engineering	Technology and design of footwear and leather goods	Alexandra BODOGA (alexandra. luca@academic.tuiasi.ro)	UG	4th	1	6	Written materials (course, practical activities /project)	Yes/ EN	EN
Footwear comfort (Anatomy and biomechanics of the foot, Comfort components, Evaluation of foot comfort)	OPPIM.IA.103	Industrial engineering	Footwear and leather goods product development	Alina IOVAN-DRAGOMIR(alina.iovan-dragomir@academic.tuiasi.ro)	MSc	1st	1	5	Written materials (course, practical activities /project)	Yes/ EN	EN
Knitting fundamentals (I) Chapters: 1.Yarn preparation for knitting; 2.Principles of loop formation; 3. Basic knitting elelents; 4.Principles of weft knitting.	200 DID DI		Keilling and Olympia Tarbada	Mariana URSACHE, mariana.							EN.
Knitting fundamentals (II). Chapters: 1.General classification and technical	302.DID.DI	Industrial engineering	Knitting and Clothing Technology	ursache@academic.tuiasi.ro	UG	3rd	1	6	Written materials, English	Group, En	EN
data of knitting machines; 2.Basics on working mechanisms of weft and warp knitting machines. 3. Technological parameters in knitting. 4.Principles of	303.DID.DI	Industrial engineering	Knitting and Clothing Technology	Mariana URSACHE, mariana. ursache@academic.tuiasi.ro	UG	3rd	2	4	Written materials, English	Group, En	EN
Color measurement. (Basics of color physics and physiology. Color attributes. Systems for color ordering. Color models. CIELab color space. Color matching in textile dyeing. Color difference. Instruments for color matching in the textile				Ingrid BUCIŞCANU							
29 industry) 4	111.DIS.DO	Chemical engineering	Textile Finishing	ingrid-ioana.buciscanu@academic.tuiasi.ro	UG	4th	1	3	Written materials (course, practical activities)	Individual EN	EN
30 Functional Textiles - Medical Textiles 5	502. DID	Chemical engineering	Ecodesign of the Textile Finishing	Angela DANILA, angela.danila@academic. tuiasi.ro	MSc	1st	_ 2	4	Written materials (course, practical activities /project)	Yes/ EN	EN
30 Functional Textiles - Wedical Textiles									Written material: Costea M., Mihai A., Basics of		

Moulds for footwear	000 00 01	In description Francisco	E. d. and E. diam.	handar than day and a construction of the cons		_		F. 4	Online platform https://skills4smart.iversity.org/	La divida del Est	
2 (2D/3D CAD sole and heels modelling)	306.DS.DI	Industrial Engineering	Footwear Design and Engineering	bogdan-theodor.sarghie@academic.tuiasi.ro	UG	3	1 and 2	5+4	EN	Individual EN	EN
Footwear Computer Aided Design I 3 (3D CAD footwear design and modelling)	309.DS.DI	Industrial Engineering	Footwear Design and Engineering	mariana.costea@academic.tuiasi.ro	UG	3	2	7	Online platform https://skills4smart.iversity.org/ EN	Individual EN	EN
Footwear Manufacturing Processes	400 000 51	Industrial E. C.	Establish Bullion 115	handar than day and the			_	_	Online platform https://www.fit2comfort.eu/course Online platform https://skills4smart.iversity.org/	1-4-4-	EN.
1	403.DS.DI	Industrial Engineering	Footwear Design and Engineering	bogdan-theodor.sarghie@academic.tuiasi.ro	UG	+ 4	2	5	EN	Individual EN	EN
Footwear and Leather Goods Fashion Design (Priciples of design, trends,concept, target group, moodboard)	405.DS.DI	Industrial Engineering	Footwear Design and Engineering	aura.mihai@academic.tuiasi.ro	UG	4	1	6	Online platform http://knowledge4foot.eu/ EN	Individual EN	EN
, , , , , , , , , , , , , , , , , , ,		3 3	, , , , , , , , , , , , , , , , , , ,	3					Online platform http://knowledge4foot.eu/ Online platform https://skills4smart.iversity.org/		
Development of footwear collections (Product diversification, innovative concepts for footwear collections)	406.DS.DI	Industrial Engineering	Footwear Design and Engineering	aura.mihai@academic.tuiasi.ro	UG	4	2	4	Online platform http://skins4smart.iversity.org/ Online platform http://academy.sciled.eu/	Individual EN	EN
Footwear Computer Aided Design II 7 (2D CAD footwear pattern making)	412.DS.DI	Industrial Engineering		mariana.costea@academic.tuiasi.ro	UG		_	6	Online platform https://skills4smart.iversity.org/ FN	Individual EN	FN
			Footwear Design and Engineering			+	'		Online platform http://knowledge4foot.eu/		
Product innovation in footwear industry	DPPIM.IA.101	Industrial Engineering	Footwear Design and Engineering	aura.mihai@academic.tuiasi.ro	MSc	1	1	4	Online platform http://academy.sciled.eu/ Online platform https://skills4smart.iversity.org/	Individual EN	EN
Footwear soles design and modelling	DPPIM.IA.104	Industrial Engineering	Footwear Design and Engineering	bogdan-theodor.sarghie@academic.tuiasi.ro	MSc	1	1	4	EN Online platform Inga3D project inga.3d.eu	Individual EN	EN
D Special footwear design and technology 2 (Orthopedic footwear)	DPPIM.IA.106	Industrial Engineering	Footwear Design and Engineering	mariana.costea@academic.tuiasi.ro	MSc	1	2	5	EN	Individual EN	EN
CAD for footwear and leather goods (3D CAD modelling and 2D CAD pattern making)	DPPIM.IA.201	Industrial Engineering	Footwear Design and Engineering	mariana.costea@academic.tuiasi.ro	MSc	2	1	5	Online platform https://skills4smart.iversity.org/ Online platform Inga3D project inga.3d.eu EN	Individual EN	EN
2 Sustainable manufacturing processes for footwear	DPPIM.IA.203	Industrial Engineering	Footwear Design and Engineering	bogdan-theodor.sarghie@academic.tuiasi.ro	MSc	2	1	4	Online platform http://academy.sciled.eu/ EN	Individual EN	FN
g Postale In Indiana	IMA 405 DS DL/					4 (UG)	Composter 1110 /	4 ECTS /			ļ
Logistics Management	IMPBS.109.DA. DI	Engineering and Management	Business Engineering and Management / Production & Operations Management	elena.avram@academic.tuiasi.ro	UG / MSc	/ 1 (MSc)	Semester 1 UG / Semester 2 MSc	4 ECTS / 4 ECTS	Written materials (EN)	Yes and Yes (EN)	EN
Quality Management	IMA.302.DID.DI / MAA.110.DA.DI	Engineering and Management	Business Engineering and Management / Management and Business	bogdan.rusu@academic.tuiasi.ro	UG / MSc	3 (UG) / 1	Semester 1 (UG) / 2 (MSc)	5 ECTS / 5 ECTS	Written materials (EN)	Yes and Yes (EN)	EN
Maintenance Management (The management of the "Production - Quality -			Administration		1	(MSc)				, ,	ļ .
Maintenance" triplet; The information system of the maintenance management; Dependability strategic management; Maintenance systems;		Engineering and									
FMECA)	IM.404.DID.DI	Management Engineering and	Industrial Business Engineering	ion.verzea@academic.tuiasi.ro	UG	4 (UG)	Semester 1	5 ECTS	Written materials (EN)	Yes (EN)	EN
The Basics of Systems Engineering	IM.201.DS.DI	Management	Business Engineering and Management	elena.avram@academic.tuiasi.ro	UG	2 UG	Semester 1	4 ECTS	Written materials (EN)	Yes (EN)	EN
Fundamentals of management	IM.101.DID.DI	Engineering and Management	Business Engineering and Management	silvia.avasilcai@academic.tuiasi.ro	UG	1 UG	Semester 1	5 ECTS	Written materials (EN)	Yes (EN)	EN
3 Strategic Management	MAA.202.DA.DI	Engineering and Management	Management and Business Administration	silvia.avasilcai@academic.tuiasi.ro	MSc	2 MSc	Semester 1	6 ECTS	Written materials (EN)	Yes (EN)	EN
Product Lifecycle Management	MAA.1 03.DA.DI	Engineering and	Management and Business Administration	elena-lidia.alexa@academic.tuiasi.ro	MSc	1 MSc	Semester 2	4 ECTS	Written materials (EN)	Yes (EN)	EN
	IMA.318.DS.DO /	Engineering and	Business Engineering and Management / Management and Business		UG/	3 UG /	Semester 2 /	4 ECTS /			
Marketing research	MAA.115.DS.DO	Management	Administration	elena-lidia.alexa@academic.tuiasi.ro	MSc	1 MSc	Semester 1	4 ECTS	Written materials (EN)	Yes (EN)	EN
(Endowski of source)	IM.103.DF.DI /	Engineering and	Business Engineering and Management &	mihaela-brindusa.tudose@academic.tuiasi.		4.110	Semester 1 /	5 ECTS /	Meister metarials (FN)	War (FAD	
Fundamentals of economics	IM.108.DF.DI IMA.310.DS.DI /	Management	Industrial economic engineering	ro	UG	1 UG	Semester 2	5 ECTS	Written materials (EN)	Yes (EN)	EN
Product Lifecycle Management	IA. 103.DA.DI / IMPBS.103.DA.	Engineering and	Business Engineering and Management / Innovation and Entrepreneruship /		UG / MSc /	3 UG / 1 MSc /	Semester 2 / Semester 1 /	3 ECTS / 4 ECTS /			
(Innovation Management, Product Innovation, Product Lifecyle)	DI	Management	Production Management	adriana.bujor@academic.tuiasi.ro	MSc	1 MSc	Semester 1	5 ECTS	Written materials (EN)	Yes (EN)	EN
			Business Engineering and Management /								
B Human Resources Management		Engineering and Management	Innovation and Entrepreneruship / Production Management	adriana.bujor@academic.tuiasi.ro					Written materials (EN)	Yes (EN)	FN
- Transmit Coolaites management	IMPBS.201.DA.	Engineering and	. ressection management	adi ali ali bujoi (gacadel IIIC. tulasi. 10					Times materials (LTV)	.03 (LIV)	-14
Advanced Production Systems	DI DI	Management	Production & Operations Management	marius.pislaru@academic.tuiasi.ro	MSc	2 MSc	Semester 2	5 ECTS	Written materials (EN)	Yes (EN)	EN
		Engineering and	Industrial economic engineering/Business Engineering and								
Operational Research	IM.204.DID.DI	Engineering and Management	Management Engineering and	marius.pislaru@academic.tuiasi.ro	UG	2 UG	Semester 1	5 ECTS	Written materials (EN)	Yes (EN)	EN
Business Simulation	IA.204.DS.DI	Engineering and Management	Innovation and Entrepreneurship	cristiana.istrate@academic.tuiasi.ro	MSc	2 Msc	Semester 1	5 ECTS	Written materials (EN)	Yes (EN)	EN
		Engineering and	Management and Business Administration / Industrial economic								
7 Probability and mathematical statistics	IM.202.DF.DI	Management	engineering	adrian.vilcu@academic.tuiasi.ro	UG	2 UG	Semester 2	5 ECTS	Written materials (EN)	Yes (EN)	EN
Dean of the Faculty											
·							Erasmus+ Faculty				
Assoc. prof. Dorin IONESI							Coordinator Prof. Mirela BLAGA				