

**INTERACTION TECHNOLOGY  
MASTER PROGRAMME**  
note: not all courses are mentioned  
(needs approval by programme mentor)

SIX PILLARS	TECHNOLOGY	UNDERSTANDING HUMANS & CONTEXT	STORYTELLING	RESEARCH	DESIGN	ENTREPRENEURSHIP	GRADUATION PROJECT AND RESEARCH TOPICS
	MINIMUM 4 COURSES 20EC	MINIMUM 3 COURSES 15EC	MINIMUM 2 COURSES 10EC	MINIMUM 1 COURSE 5EC	MINIMUM 1 COURSE 5EC	MINIMUM 1 COURSE 5EC	
	SUBTOTAL 60EC						30EC + 10 EC
COURSES	BASIC MACHINE LEARNING	CONCEPTS, MEASURES AND METHODS	DOCUMENTARY PRACTICE	QUALITATIVE & QUANTITATIVE RESEARCH	USER-CENTRED DESIGN	BASIC ENTREPRENEURSHIP	
	IMAGE PROCESSING AND COMPUTER VISION	QUALITATIVE ANALYSIS TECHNIQUES	STORYTELLING THROUGH WRITING (1*)	HUMAN ROBOT INTERACTION	DESIGN FOR BEHAVIOUR CHANGE	GLOBAL STRATEGY AND BUSINESS DEVELOPMENT	
	NATURAL LANGUAGE PROCESSING	QUANTITATIVE ANALYSIS TECHNIQUES	STORYTELLING THROUGH ORAL PRESENTATION (2*)	BRAIN COMPUTER INTERFACES	DESIGNING INTERACTIVE EXPERIENCES	BRAND MANAGEMENT	
	SPEECH PROCESSING	AFFECTIVE COMPUTING	ADVANCED STORYTELLING (3*)	RESEARCH "IN THE WILD"	MULTI-SENSORY DESIGN	ENTREPRENEURIAL FINANCE	
	ARTIFICIAL INTELLIGENCE	NATURAL LANGUAGE PROCESSING		RESEARCH EXPERIMENTS IN DATABASES & INF RETR	MASTERING TINKERING	INTERNATIONAL ENTREPRENEURSHIP	
	MULTI AGENT SYSTEMS	SPEECH PROCESSING		USER STUDIES	CREATE THE FUTURE	STRATEGIC TECHNOLOGY MANAGEMENT&INNOVATION	
	AFFECTIVE COMPUTING	HUMAN COMPUTER INTERACTION		HUMAN COMPUTER INTERACTION	DESIGN AND EMOTION		
	CONVERSATIONAL AGENTS	DESIGN AND EMOTION		ARP * AFFECTIVE COMPUTING	EMPIRICAL METHODS FOR DESIGNERS		
	ADVANCED MACHINE LEARNING	MULTI-SENSORY DESIGN		ARP * NATURAL LANGUAGE PROCESSING			
	VISION AND PATTERN RECOGNITION	COMPUTER ETHICS		ARP* SPEECH PROCESSING			
	UBIQUITOUS COMPUTING	PHILOSOPHY OF TECHNOLOGY		ARP* INFORMATION RETERIEVAL			
	BRAIN COMPUTER INTERFACES			ARP* CONVERSATIONAL AGENTS			
	VR/AR TECHNOLOGY			ARP* BRAIN COMPUTER INTERFACES			
	HAPTICS IN ROBOTS						
	SOCIAL ROBOT DESIGN						
	MODERN ROBOTICS						
	CONTROL ENGINEERING ENGINEERING SYSTEM DYNAMICS						
	DIGITAL CONTROL ENGINEERING						
	FOUNDATIONS OF INFORMATION RETRIEVAL						
	DATA SCIENCE						
	ARP * AFFECTIVE COMPUTING						
	ARP * NATURAL LANGUAGE PROCESSING						
	ARP* SPEECH PROCESSING						
	ARP* INFORMATION RETERIEVAL						
	ARP* CONVERSATIONAL AGENTS						
	ARP* BRAIN COMPUTER INTERFACES						
	FREE CHOICE OF 4 COURSES (Eg. you can choose from one or more of the six pillars, internship or another relevant course )						
	TOTAL COURSES 60+20=80EC						TOTAL: GRADUATION PROJECT 30EC + RESEARCH TOPCS 10EC =40EC
	TOTAL 80+40=120EC MASTER INTERACTION TECHNOLOGY						

ARP\* = ADVANCED RESEARCH PROJECT

- (1\*) DESCRIBE YOUR IDEA OR STORYLINE IN A DIFFERENT WAY
- (2\*) EG. DEBATING, PITCHTRAINING, THEATRICAL PRESENTATION
- (3\*) EG SOUND, MUSIC, PHOTOGRAPHY, DANCE

WHEN COURSES CAN BE FOUND IN MORE THAN ONE PILLAR, THE EC'S ARE DISTRIBUTED EQUALLY OVER THE PILLARS

**THIS DIAGRAM IS UNDER DEVELOPMENT AND THEREFORE SUBJECT TO CHANGE**