MASTERS OF RESEARCH

: The first research program is focused on the connection of Fashion and Technology.

Content developed by the IED REC's Advanced Fashion Research Division

IED REC OS V.1
Research and Educacion Center for Fashion and Design

: We connect, share and make inspiring ideas becoming small but real and exciting projects with impact.

Command: <u>A</u>bout <u>M</u>aster <u>P</u>rojects <u>A</u>pplication <u>S</u>chollarchips

A> █

A> IED REC Masters of Research

Is a **non-profit, tuition-free Masters** program empowering some of the most promising profiles from a variety of research areas to ideate utilizing knowledge and viewpoints across disciplines and applying new ways of thinking in the creation of our future selves.

   < The program integrates 21st century resources and ways of thinking, offering our participants the space to research and create. >

A>EDUCATIONAL MISSION

Redefining the process of educating into an organic and flowing horizontal dialogue between different actors, where knowledge is shared and built upon, constructing new and more efficient knowledge, yielding mindful and creative solutions for our world.

Transforming academic structures into open spaces without teachers and students, bringing together actors from different areas to connect, experiment and create together.

Students become researchers, open-minded inventors. Teachers act as tutors who provide guidance and expertise. Together the barriers of traditional teaching and learning are blurred.

Learning by discovering, collaborating, experimenting through a constant and fearless search for the unknown, the not yet discovered, the impossible.

There are no academic programs, specific directions, goals or achievements to reach, reflecting the plurality and complexity of our modern and democratic society.

A laboratory where a pool of academic institutions, companies, and individuals can participate transforming exciting ideas into a reality.

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A> Fashion & Technology

> : The first research program is focused on the connection
>   of Fashion and Technology.
> : Content developed by the IED REC's F-Advanced Fashion
>   Research Lab

Fashion is constantly moving forward, amplifying its radar to all levels and other industries as home, lifestyle, sports … .

Technology has completely changed completely our way of interacting, communicating, working and producing.

But there is still a big lack and misunderstanding in between both discipline.

Fashion designers, brands and today's Fashion Education do not include technology as a creative tool in their processes.

Scientists, engineers and coders don't have access to the dynamic and magical world of fashion.

This program intends to connect these two passionate areas, two of the world's most important industries, and make inspiring and intelligent things happen.

Finding the right balance between the functional, emotional, esthetical and ethical.

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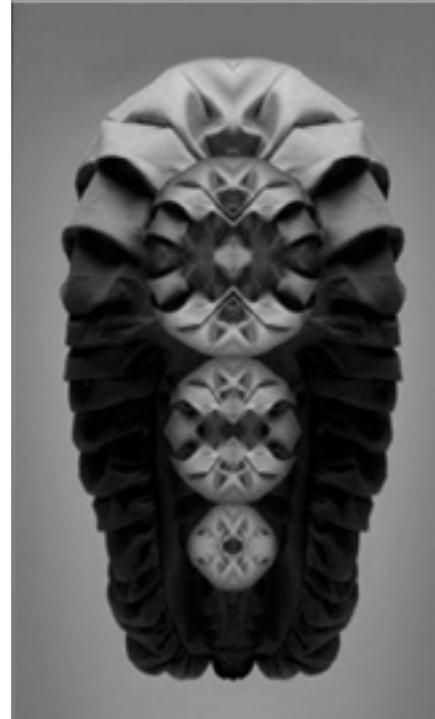
Collection:
Chimaera from Leyre Valiente,
student IED Moda Lab Madrid

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Photography:
Michael Ostermann

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A>COURSE STRUCTURE

    : Intensive course

    : September – December 2016

    : English Language Program

    : M–F 9–18h

 I – September/October 2016

Ideas. Research and conceptualization

II – October/November 2016

Projects. Investigative development

III – November/ December 2016

Products. Realization and prototyping

At the end of each phase each project will present their findings:

Visual/Sensory/Emotional exhibition (immersive, physical and digital)

Digital and physical documentation of research overview and findings.

A>COURSE STRUCTURE

EMOTIONAL	MENTAL	PHYSICAL
I: IDEAS ————————>	II: PROJECTS ——————>	III: PRODUCTS

I>IDEAS	II>PROJECTS	III>PRODUCTS
Meeting	Teaming Up & Delibe-	Defining (Materials,
Connecting	rating	production process)
Sharing	Designing Methodology	Developing
Analyzing	Developing	Testing
Thinking	Connecting with ex-	Rectifying
Mapping	ternal support	Completing
Identifying	Testing & Reviewing	Identifying Further
Communicating	Advancing	Applications
	Concluding	Communicating
	Communicating	Sharing

A>PROGRAM

Each iteration of the program develops new contents, projects and op-portunities.

The areas of research and contents morph guided by the curiosities, interests and ideas of each individual research group.

Therefore flexibility, adaptability, and responsiveness are demanded of the group, as the project develops and further support may be needed during the course.

A: SUSTAINABLE DESIGN
A: ACCESSORIES DESIGN
A: TEXTIL DESIGN
A: WEARABLES
A: SMART TEXTILES
A: ECOMMERCE

A:VIRTUAL REALITY
A: USER EXPERIENCE
A: OPEN SOURCE
A: BIG DATA
A: CRADLE TO CRADLE
A: CIRCULA ECONOMY

A: BIOMIMICRY
A: INTERNET OF THE BODY
A: INTERNET OF THINGS
A: 3D PRINT
A: LASER CUTTING

A>SAMSUNG INNOVATION PROJECT

   : Madrid Mercedes Benz Fashion Week Fashion Contest Winners

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2014 · HYPERDRY
by Pepa Salazar,
IED Moda Lab Madrid alumni

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2015 · MASDAR COATS
by Ruben Gomez,
IED Moda Lab Madrid alumni

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2016 · LIGHTS & SHINES
by Virginia Vallejo,
IED Moda Lab Madrid alumni in collaboration
with Bermuda Land.

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A>RESEARCH TEAM

Researchers: A finely curated group of 15 selected profiles coming from different professional and personal backgrounds, with a common sense of creativity, commitment and open-minded.

Experts: Experts of different areas of knowledge join the program to give researchers specific support to their investigation in each level of the process.

Tutors: Guidance of a team of tutors, teachers of IED Madrid, acting as facilitators during the whole program

A>WHERE

: IED Master, Calle Larra 14, 28004 Madrid

Associated Labs:

< IED Moda Lab >
Workshop space equipped with the necessary equipment to develop fashion projects.

< IED Media Lab >
Workshop space equipped with the necessary equipment to develop visual design projects.

< IED Fab Lab >
Workshop space equipped with the necessary equipment to develop product design projects.

< IED LIT >
Future workshop space to research and create textile innovation projects.

A>RESEARCH BACKGROUNDS

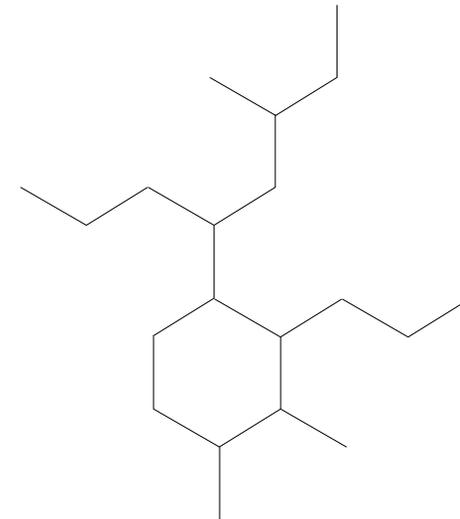: 15 researchers from a variety of backgrounds

Areas of interest:

< Arts and Design >
Fashion, Textile, Accessories, Product, Industrial, Visual
Arts, Fine Arts, Dance, Music

< Engineering >
Mechanical, Industrial, Software, Chemical, Sound

< Sciences >
Biology, Anthropology, Medical, Culinary, Futurist, Communica-
tions, Psychology

```
to drawPattern :level
  if :level > 0 [
    make "level :level – 1
    fd 50
    lt 60
    if :level > random 10 [
      drawPattern :level
    ]
    rt 120
    if :level > random 10 [
      drawPattern :level
    ]
    lt 60
    bk 50
  ]
end
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drawPattern 10
window
setpensize 2
drawPattern 10
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A>APPLICATION ANNOUNCEMENT

Masters of Research

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Developed by the F-Advanced Fashion Research Division

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    : We connect, share and make inspiring ideas becoming small
    : but real and exciting projects with impact.

A> YOUR IDEAS WILL CHANGE THE FUTURE OF FASHION

    : Through the union between the Fashion, Technology and Education sectors,
we create the first space dedicated to fashion research and innovation.

    : Offering the first nonprofit and tuition free fashion research program that
unites fundamental concepts and contents for the XXI century fashion pro-
fessional.

A>CD B: ▐

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B>SCHOLARSHIPS REQUIREMENTS

The selected candidates will receive an acceptance notification by
July 1st. The candidates are then responsible to make the administra-
tive fee to secure their spot in the program by **July 3rd.**

The **scholarship covers the full cost of the Master of Research pro-
gram.** This does not include room and board nor food costs.

In case of needing further financial assistance to cover participation
in the program, the candidates can request an additional scholars-
hip to cover room and board as well as food costs by demonstrating a
financial need. Each request will be analyzed on a case-by-case basis
and further documentation may be needed to support your request.

The program provides all access and use of necessary materials and
equipment.

B>REQUIREMENTS TO APPLY FOR A SCHOLARSHIP

   A:

   < June 1st >

CV, Portfolio, Letter of Interest, 2 Recommendation Letters from academic advisors and/or tutors.

   B:

   < June 8th >

Personal interview via Skype. This will be held in English and will help us determine your language proficiency.

   C:

   < June 20th >

   Idea proposal – an ideation exercise to identify the disposition and potential for each candidate.

What we are looking for…

We are looking for talented, committed and accomplished candidates within their area of expertise. Candidates who excel and are open to experimentation and seeking opportunities to develop creative extensions and new applications of their domains.

B>CD C: █

C>IED REC

   < F - Advanced Fashion Research Division >

The fashion sector exists within a context that rapidly changes and adapts reflecting the Zeitgeist of contemporary culture.

Fashion is the design discipline which transmits messages and languages with precision within a diversified, complex, and morphing society.

The F– Advanced Fashion Research Division is conceived as an incubator and laboratory of ideas and projects oriented towards researching and identifying new processes, products, and services for the fashion sector. Surpassing the limits of the sector itself and connecting the magic of fashion with new areas of expertise: technology, sustainability and sciences.

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Cagliari, Madrid, Barcelona,
São Paulo