

# kiron

## **Alternative Routes into Higher Education for Refugees** **Experiences of Kiron Open Higher Education**

**“Refugees' impact on Bologna reform – Recognition of Prior Learning and inclusion in the light of increased migration.”**

**Malmö – June 12th 2017**

**Florian Rampelt, Director of Education**



I want to  
become

an engineer. ٥

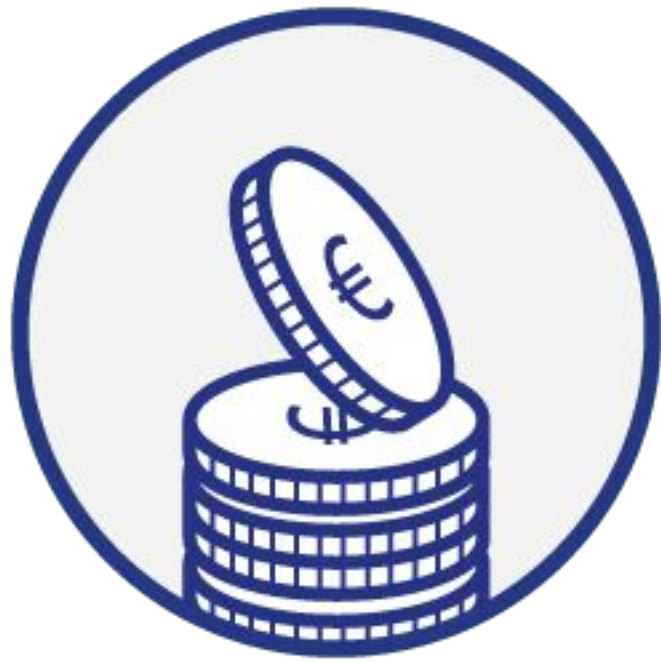
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and I will

#withRefugees



# Barriers



**Costs**



**Legal**



**College Capacity**



**Language**

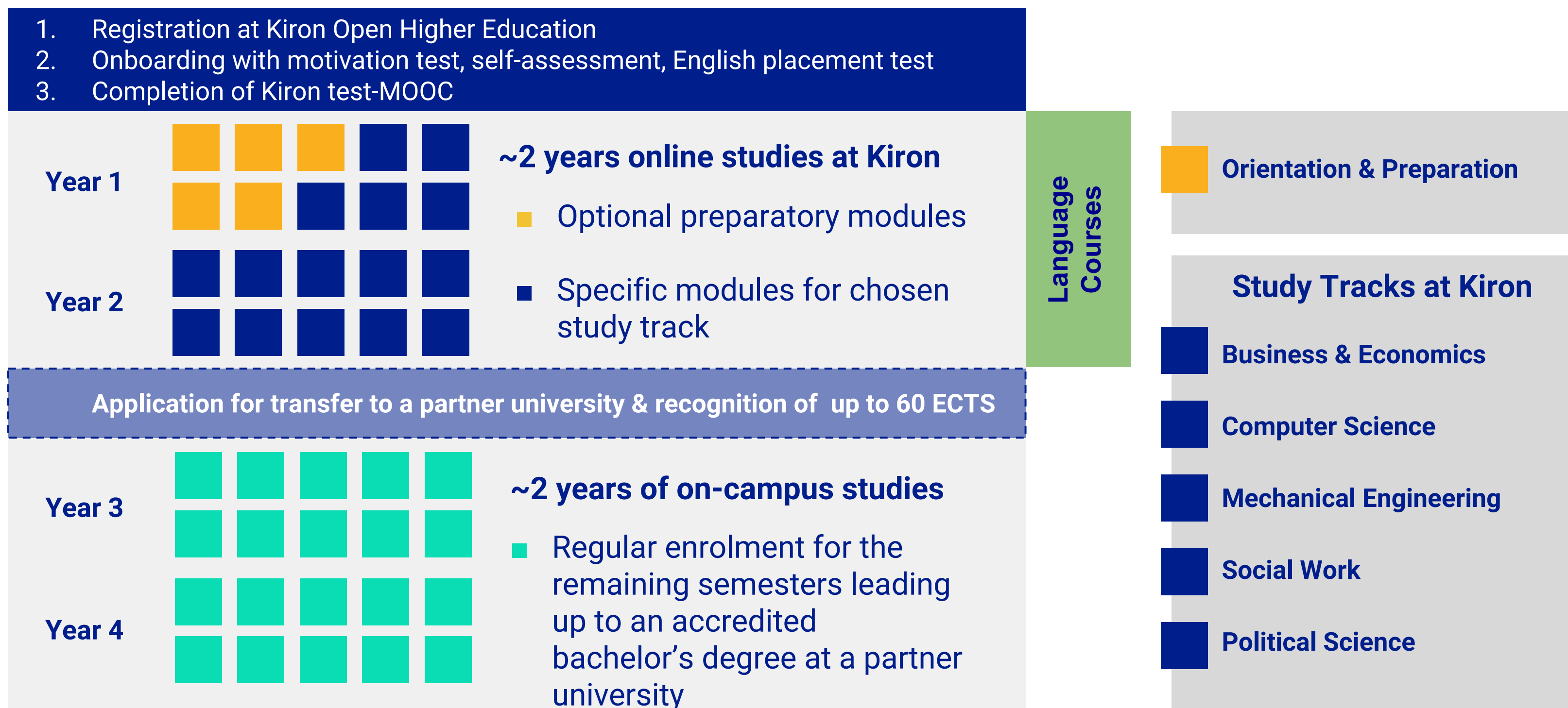
# Kiron Vision

A world in which everyone has the equal chance to access and succeed in higher education.

# Kiron Mission

Kiron enables access to higher education and successful learning for refugees through digital solutions.

# The Modularized Kiron Academic Model



# Our Students

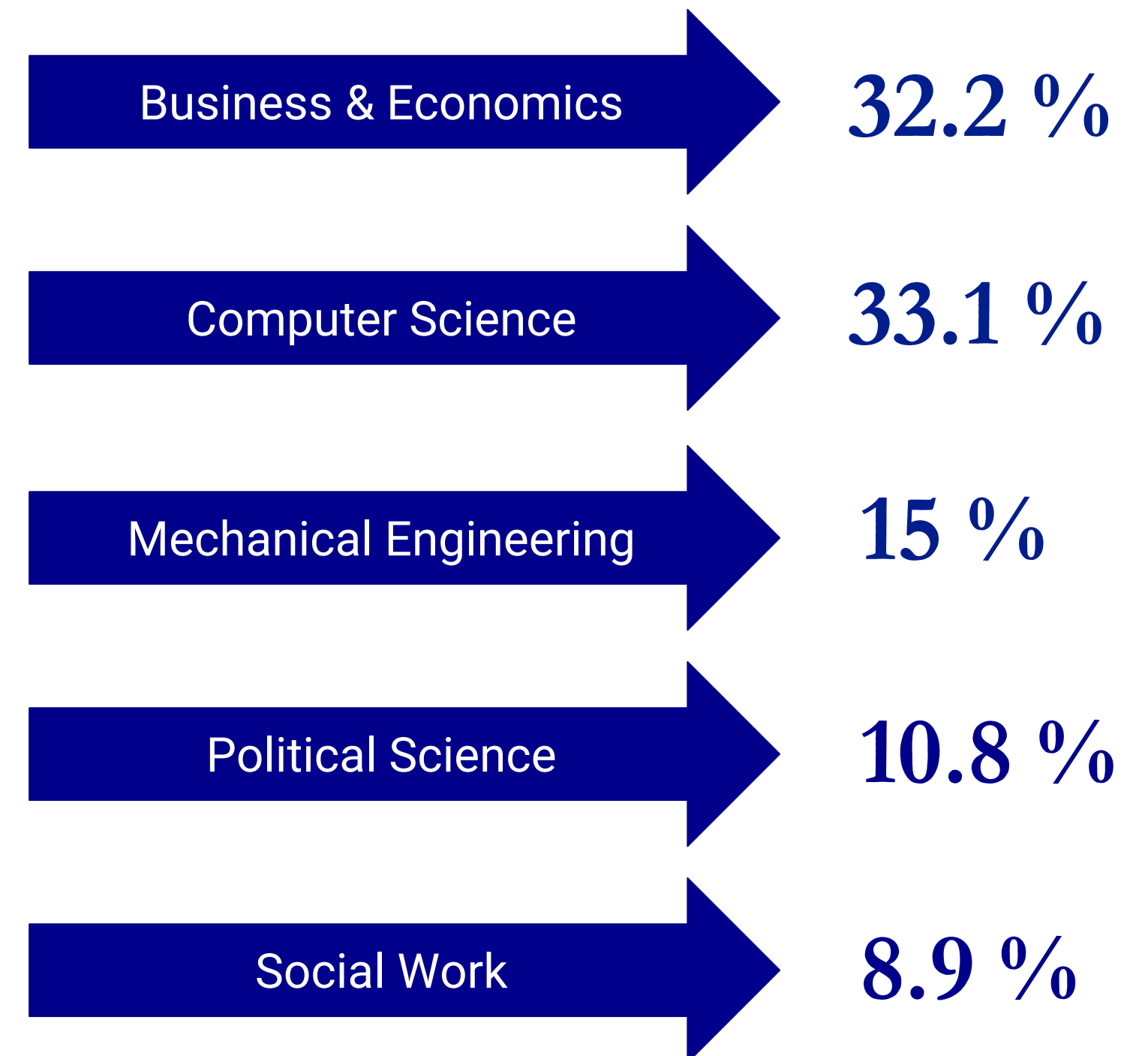
# Our Students

~**2,300** students on Kiron Campus\*

About **50%** are located in **Germany**.



## % of Student Enrollment by Study Tracks



\*<https://campus.kiron.ngo>; as of 05/2017

# Kiron Campus – Our Learning Platform



# Scalable digital solutions are key to serving refugees' needs through technology accessible from anywhere at any time.

## Forum

With Kiron Forum students can discuss study content and collaborate with peers

## Kiron Student Services

Studying online is challenging. The Kiron Student Services provide students with additional online and on-site services like Mentoring, Counseling and the Buddy Program

## Unique Curriculum Algorithm

Our unique and innovative Kiron Algorithm clusters MOOCs from various Education Platforms based on their learning outcomes in modularized curricula

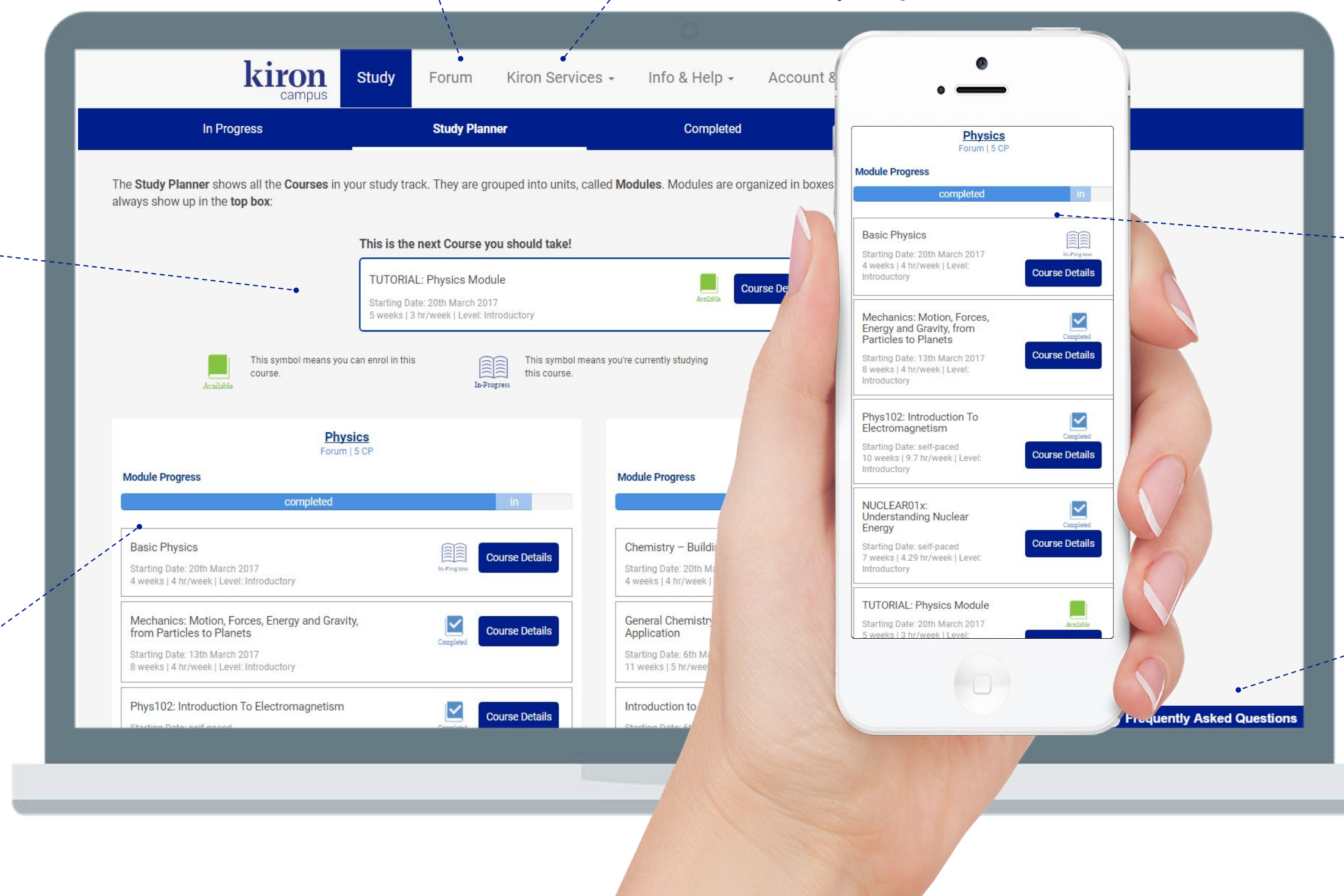
## Progress Tracking

Thanks to modularized curricula students can always track their progress in smaller meaningful units and see which MOOCs they can study next

## Study world-class MOOCs from anywhere at any time

Students choose amongst countless state-of-the-art online courses provided by the world's best universities, like Harvard, Stanford and MIT

**Kiron Help Desk** is always available to answer any student questions



# Kiron Student Services



**Online Courses are not the full story. Kiron provides supportive services to create the best learning environment and build a strong community.**

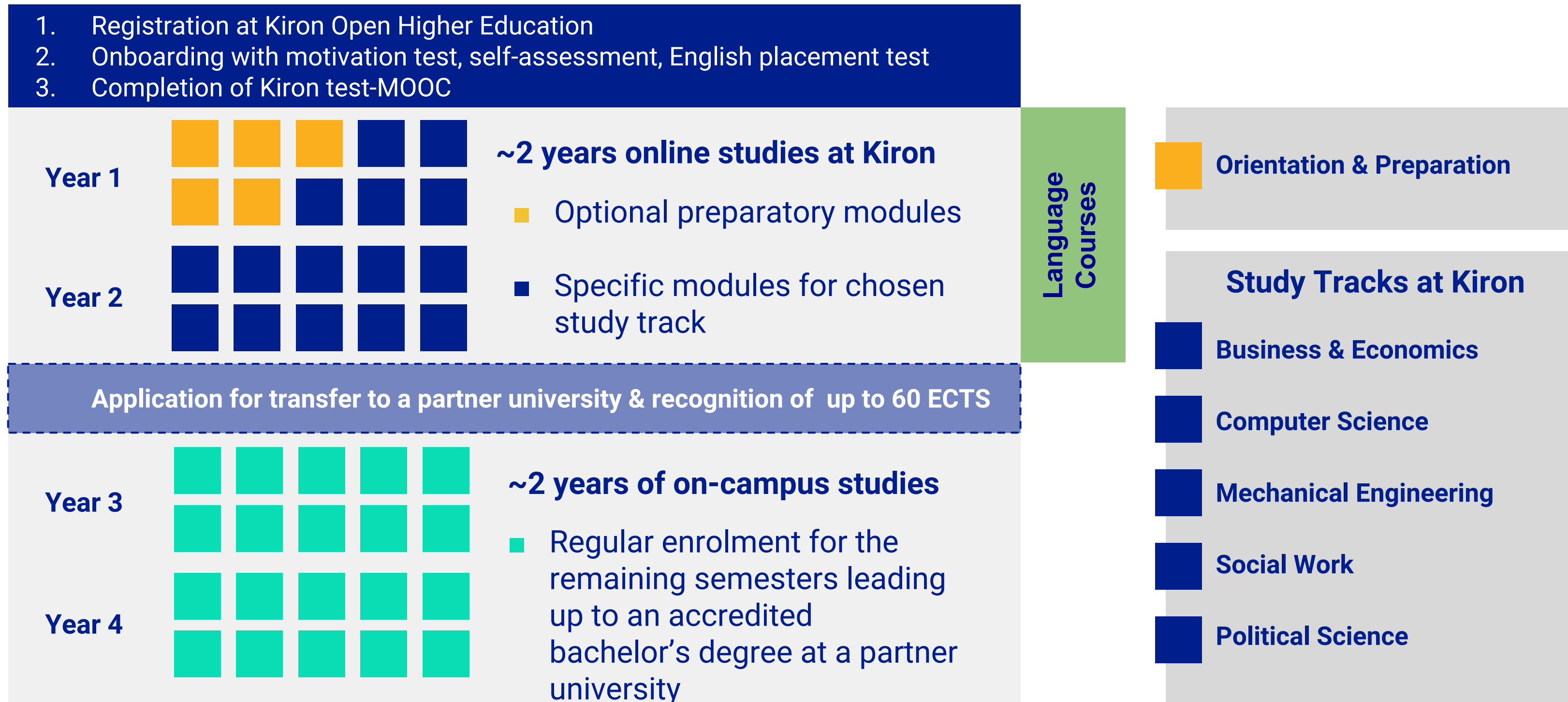
Kiron's curriculum is embedded with a variety of Student Services in order to enhance studying success.

- ❑ Mentoring Program
- ❑ Buddy Program
- ❑ Psycho-social Counselling
- ❑ University Transfer Guidance
- ❑ Student Services Centers
- ❑ Student Forum (Online Community)
- ❑ Help Desk
- ❑ Study Groups

# Recognition of MOOCs



# The Modularized Kiron Academic Model



# Modularization of MOOCs

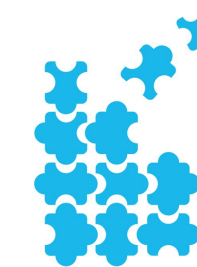
**Kiron's core curriculum follows a coherent module structure:**

- 1. For each study track, **modules** worth 3-10 Credit Points with clearly defined **learning outcomes** are developed**
- 2. The attribution of MOOCs to modules results from an adjustment of the **learning outcomes** and the **workload****
- 3. Partner universities usually recognize **successfully and fully completed** modules**

# Framework

## Framework conditions specified by:

- Bologna Process/European Higher Education Area  
→ EHEA-Tools (ECTS User's Guide, ESG 2015, European Recognition Manual)
- Lisbon Recognition Convention
- European Qualifications Framework
- KMK (e.g. "Ländergemeinsame Strukturvorgaben")
- Recommendations of the German Accreditation Council



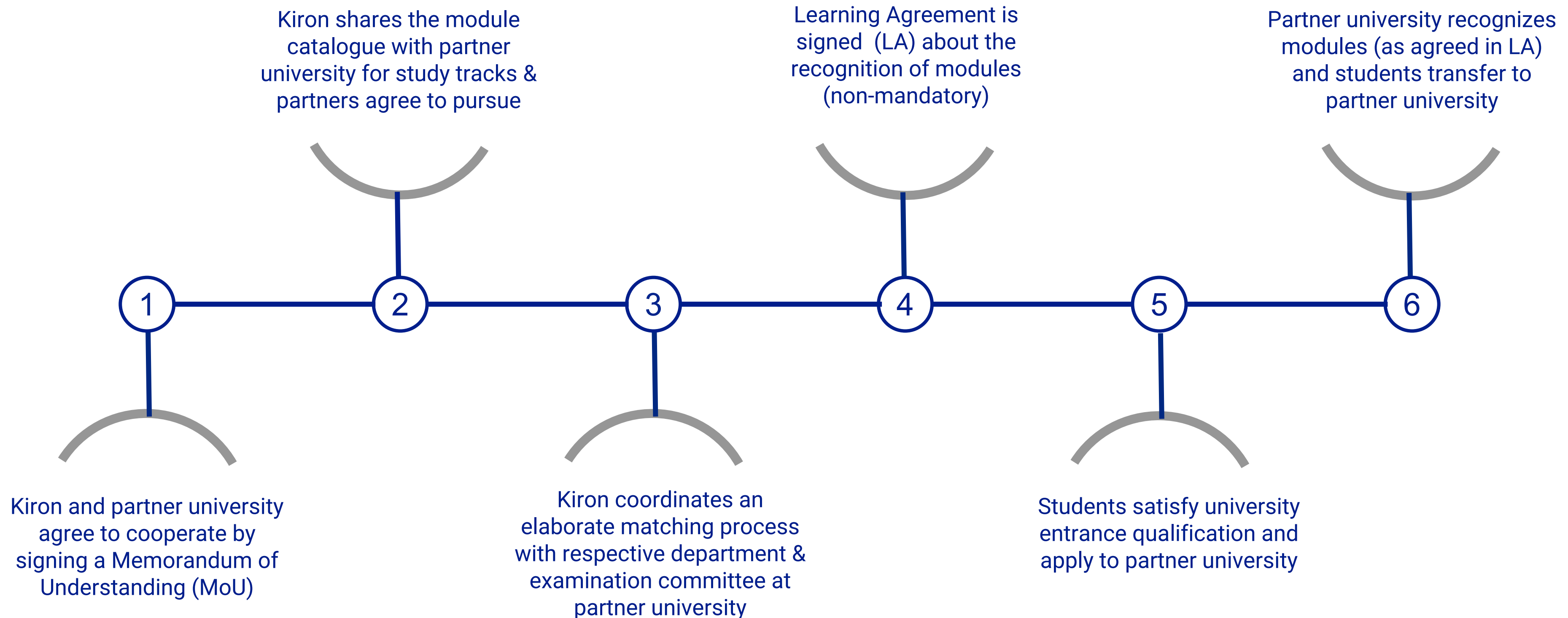
EUROPEAN  
Higher Education Area



KULTUSMINISTER  
KONFERENZ

Stiftung zur Akkreditierung von Studiengängen in Deutschland  
**Akkreditierungsrat** ■■

# Recognition of our study programs by partner universities follows a 6 step process





# Example: Feedback Form Equivalence Analysis

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## Feedback forms

1. Feedback form for *Universität Bayreuth* for the confirmation of equivalence of study and examination results

Universität Bayreuth - BSc Informatik			Kiron Open Higher Education - Computer Science		
Equivalence approved? Yes/No	Approved by:	Module	Code	Kiron Module	Module Workload (CP)
		INF 103	Prep_CS	Introduction to Computer Science with Python	2
		INF 107	CS_Pr2	Object-Oriented Programming	6
		INF 108	CS_Sy1	Computer Architecture	6
			CS_Sy2	Computer Networks	6
		VHB 101	Prep	Self-management Skills	2
		VHB 102	Prep	Academic Study Skills	3
		MAT 101	CS_Ma1	Linear Algebra	6
			CS_Ma3	Analysis	9
		INF 109	CS_Th1	Algorithms and Data Structures	9
		INF 114	CS_Sy4	Databases	6
		MAT 103	CS_Ma2	Discrete Structures	6
		INF 110	CS_Sy3	Operating Systems	6
		INF 115	CS_Pr3	Software Engineering	6
		INF 111	CS_Th2	Theoretical Computer Science	6
		INF 117	CS_AT2	Artificial Intelligence	4
		INF 202	CS_AT1	Computer Graphics	4
		INF 211	CS_Pr4	Programming Paradigms	6
		MAT 104	CS_Ma5	Numerics	6
		MAT 105	CS_Ma4	Stochastics and Statistics	9
		II 104	CS:Sy5	Electrical Engineering	9
		<b>104</b>			<b>117</b>

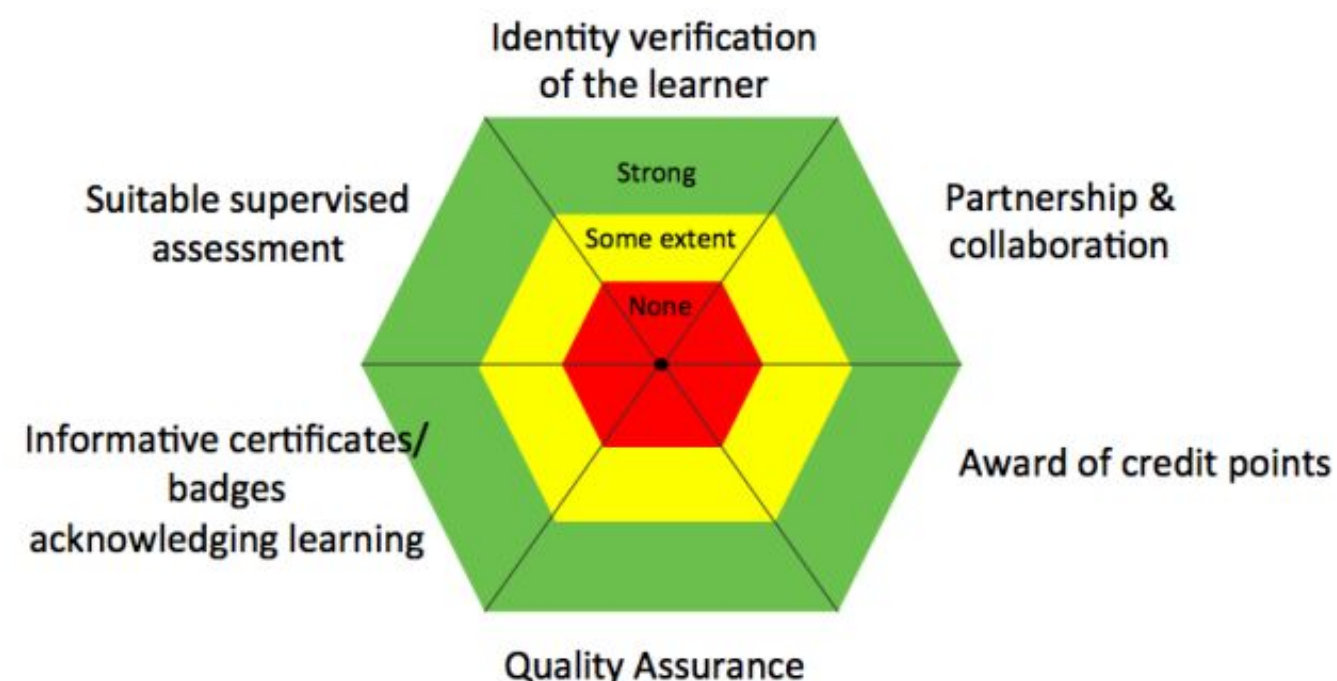
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# Quality Assurance & Transparency

- ✓ Online learning infrastructure and pedagogy made visible for partners and internally through **Kiron MOOklets** (MOOC Booklets)

**In the future:**

Making use of the *Open Learning Recognition Traffic Light Model*



Source:  
Witthaus, G., Inamorato dos Santos, A., Childs, M., Tannhäuser, A., Conole, G., Nkuyubwatsi, B., Punie, Y. (2016) Validation of Non-formal MOOC-based Learning: An Analysis of Assessment and Recognition Practices in Europe (OpenCred).  
(<http://publications.jrc.ec.europa.eu/repository/bitstream/JRC96968/Ifna27660enn.pdf>)

## kiron MOOklet

Introduction to Chemistry: Reactions and Ratios

<https://www.coursera.org/learn/general-chemistry>

General			
Platform	University	Department	Lecturer(s)
Coursera	Duke University	Department of Chemistry	Dorian Canelas, Assistant Professor of the Practice

Workload		
Length in weeks	Workload in hours	Session
7	70	Jan 9

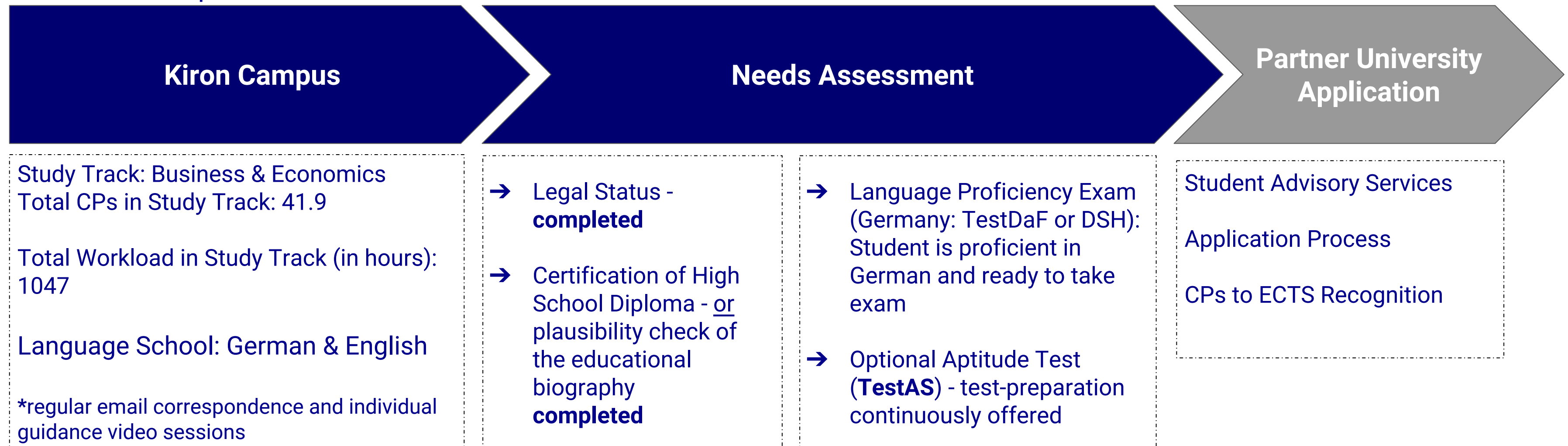
Material		
Number of lecture videos	Length of lecture videos (mins)	additional materials (readings, animations, videos, audios, etc.)
50	714	Additional sheets and interactive resources on different course subjects.

Examination			
Course assignments		Informative Certificates / Badges	Final exam
<ul style="list-style-type: none"> <li>6 Weekly Quizzes with 66 multiple choice and written exercise problems, which account to 72% of the final grade.</li> <li>2 Final Exams with 25 multiple choice questions, which account to 28% of the final grade.</li> <li>3 Honors Quizzes with 95 multiple choice and written advanced problems.</li> </ul>		Verified Certificate, Verified Certificate with Honors	Yes
Proctored final exam (online / offline)	Other forms of Identity Verification	Examination Retakeability	Minimum conditions to pass / earn

# Transfer Process

Once a student has accomplished a certain workload on Kiron Campus or requests it individually, our **Transfer Guidance Team** reaches out to create a customized plan of action\*, guiding each student through their unique transfer process including admission and recognition

## Student Example







- ✓ Ahmad Mobayed, one of the highest performing students in 2015-2016 (23 MOOCs in 6 months)
- ✓ Received a full scholarship from Bard College Berlin
- ✓ Recommendation letter and academic record (e.g. published in "Oxford Journal of Interrupted Studies") key for successful application
- ✓ "Fast track transfer" already after 2 semesters
- ✓ Kiron modules recognized to the amount of 30 ECTS

*"Kiron really is a shortcut for integration. I could start studying with them right away without any documents required!"*



Strong networks for  
joint innovation &  
implementation

# Innovation in Higher Education needs strong networks

The partnership building process begins with the parties (Kiron and a partner university) expressing their intent to collaborate by signing an MoU, and often results in signing a Learning Agreement. Many partners also further extend the collaboration and start joint R&D projects.

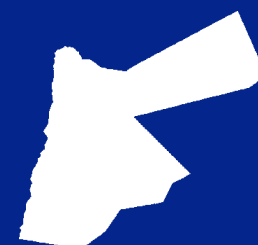


Alanus Hochschule  
 Alice Salomon Hochschule Berlin  
 Bard College Berlin  
 BAU Hochschule  
 BBW Hochschule  
 Fachhochschule Aachen  
 Fachhochschule Bielefeld  
 Fachhochschule Lübeck  
 Fachhochschule Münster  
 HNE Eberswalde  
 Hochschule Fresenius  
 Hochschule Heilbronn  
 Katholische Universität Eichstätt-Ingolstadt  
 Leuphana Universität Lüneburg  
 RWTH Aachen  
 Technische Hochschule Köln  
 Technische Hochschule Wildau

Technische Universität  
 Hamburg-Harburg  
 Universität Bayreuth  
 Universität Kassel  
 Universität Paderborn  
 Universität Rostock  
 Universität Witten/Herdecke  
 Technische Universität Clausthal



Conservatoire National des Arts et Métiers  
 Grenoble INP  
 SciencePo Paris  
 SciencePo Grenoble  
 Université Grenoble-Alpes  
 Université Savoie Mont-Blanc



Al al-Bayt University  
 Hashemite University  
 Jordan University of Science and Technology  
 Princess Sumaya University of Technology  
 Zarqa Private University



The Open University



Aydın University  
 Yaşar University

Lebanese International University

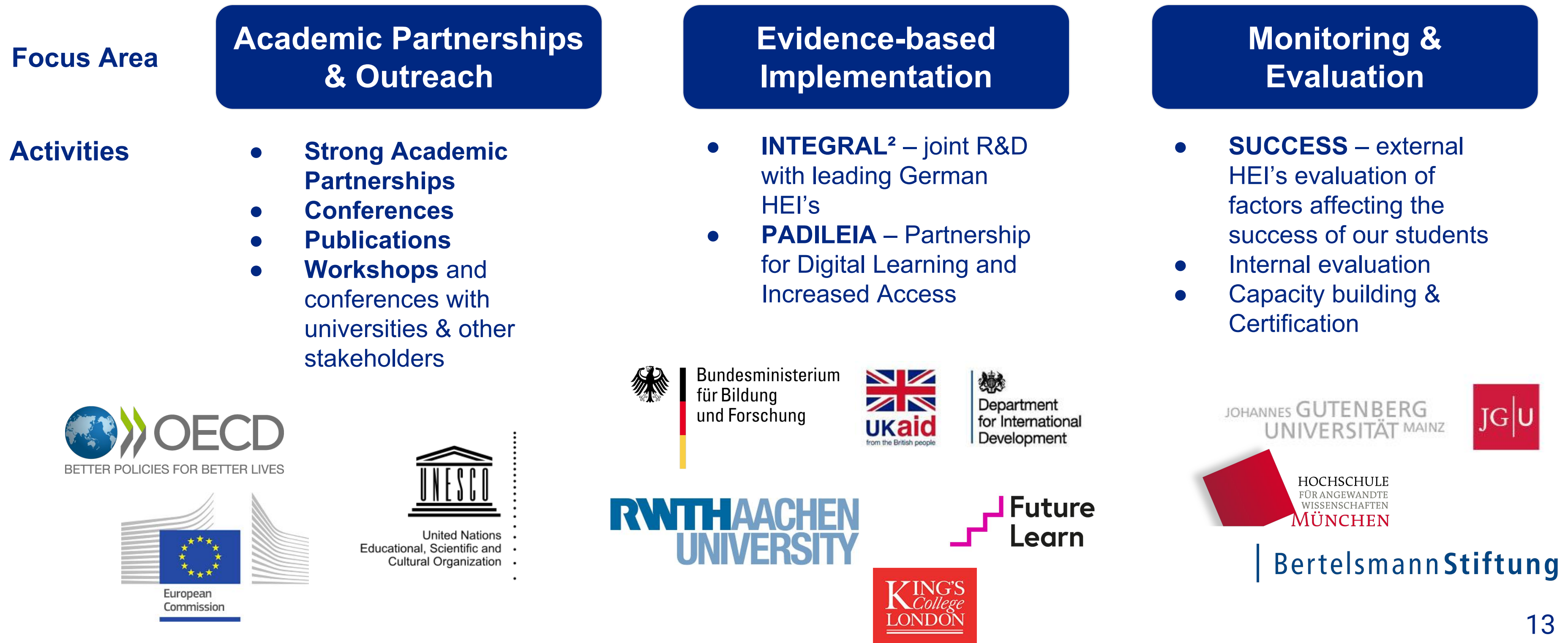


Uninettuno University



Wawasan Open University

# Innovation in Higher Education needs strong networks



# Examination & Transfer Guidance as Key Challenges



# Kiron's Examination Approaches

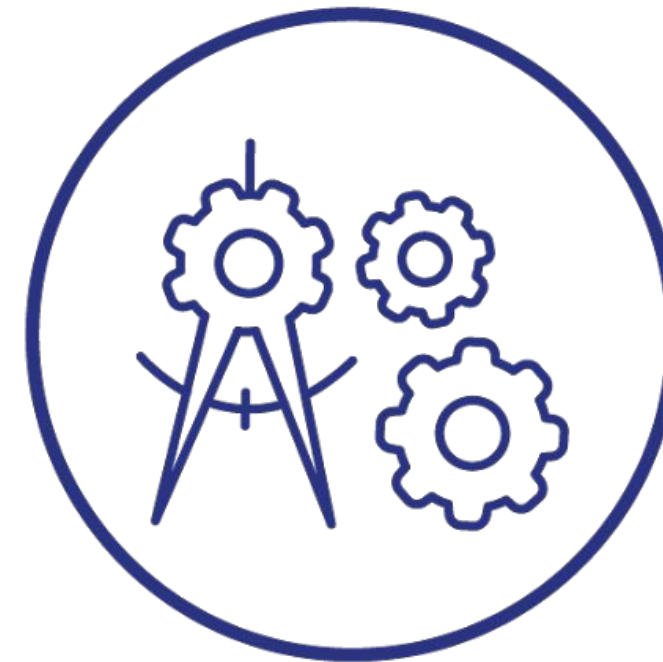
**Modules with at least one externally proctored examination per module**



***Business & Economics***  
11/14 modules



***Computer Science***  
9/19 modules





***Mechanical Engineering***  
2/13 modules



***Political Science***  
2/5 modules

# Own courses & exams allow immediate credentialisation

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## Einführung in die Betriebswirtschaftslehre

Mit dem EBWL MOOC erhältst Du einen Überblick über die grundlegenden Modelle, Theorien und Prinzipien der Betriebswirtschaftslehre.



**In Session**  
**Started on October 21, 2016**

**Enroll Now**

☒ I would like to receive email from The RWTH Aachen University and learn about other offerings related to Einführung in die Betriebswirtschaftslehre.

### About this course

Dieser Kurs gibt einen Überblick über grundlegende Modelle, Theorien und Prinzipien der Betriebswirtschaftslehre. Er basiert auf einer mehrfach ausgezeichneten äquivalenten Lehrveranstaltung an der RWTH Aachen und wurde bislang von über 10.000 Studierenden erfolgreich in Aachen absolviert.

	Length:	16 Wochen
	Effort:	3-4 Stunden pro Woche
	Price:	FREE Verified Certificate option closed

# Assessments validate the recognition of MOOCs-based modules based on learning outcomes

## MOOCS STATT HÖRSAAL? FH LÜBECK ERPROBT VERFAHREN ZUR KOMPETENZFESTSTELLUNG

9. März 2017 Daniel Korth Aktuelles



Source:

<https://www.fh-luebeck.de/hochschule/aktuelles/neuigkeiten/beitrag/2017-3-14-moocs-statt-hoersaal-fh-luebeck-erprobt-verfahren-zur-kompetenzfeststellung/>

Module-based oral  
and written examination

73% passed

- ✓ Offline examination through lecturers from “virtual university of applied sciences”-network (VFH)
- ✓ Official certificates from Lübeck University of Applied Sciences



# Transfer Guidance

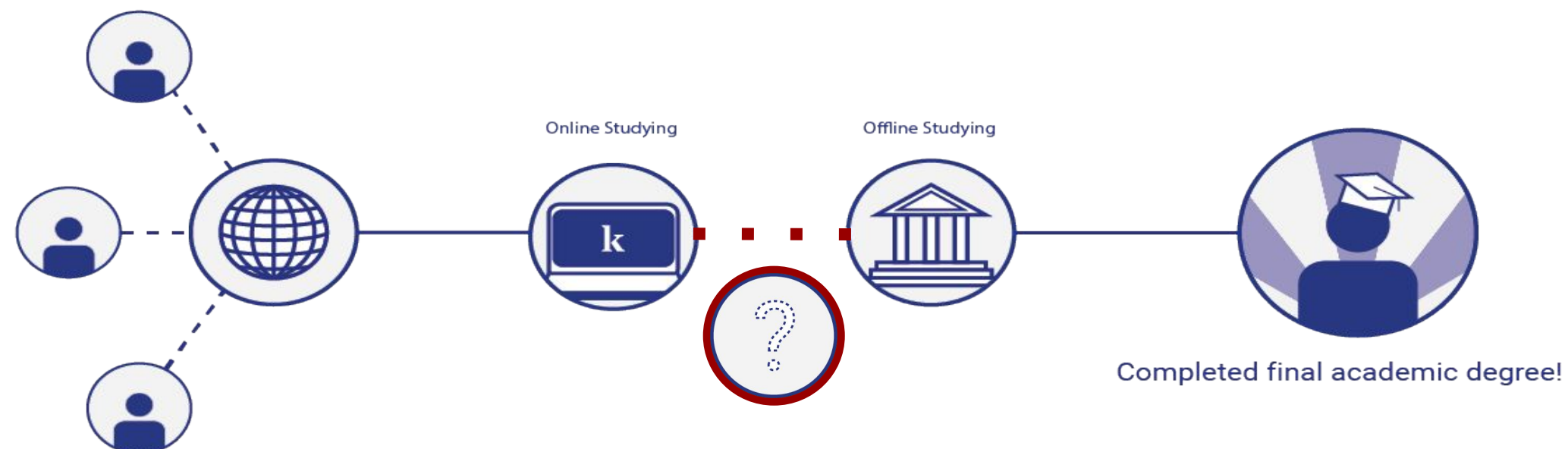
**Localization is not only a global challenge, but already starts in Germany:**

- **Sovereignty of the Länder**
- **University autonomy**
- **Legal requirements for our students have to be considered**
- **Local integration of our students should not be discontinued**

→ need for better expectation management and transfer guidance based on the precise localization of our students

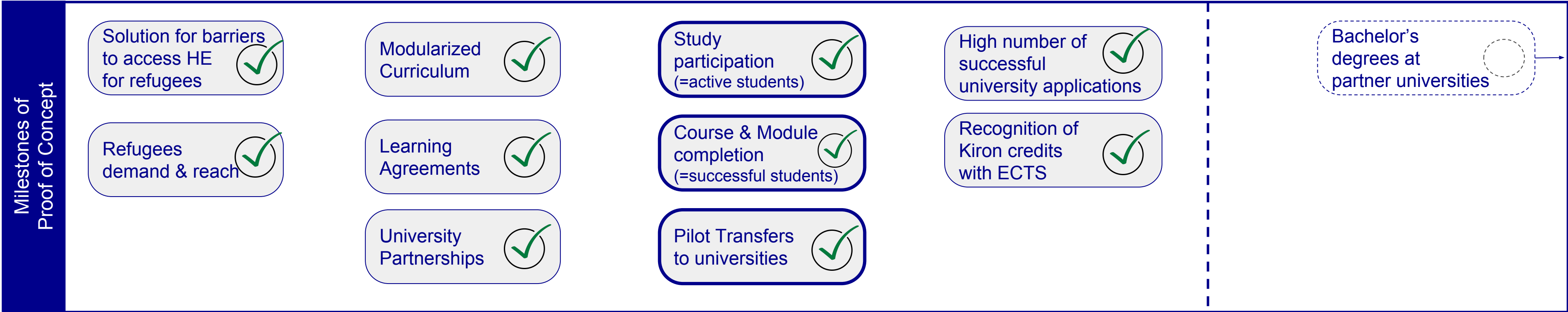
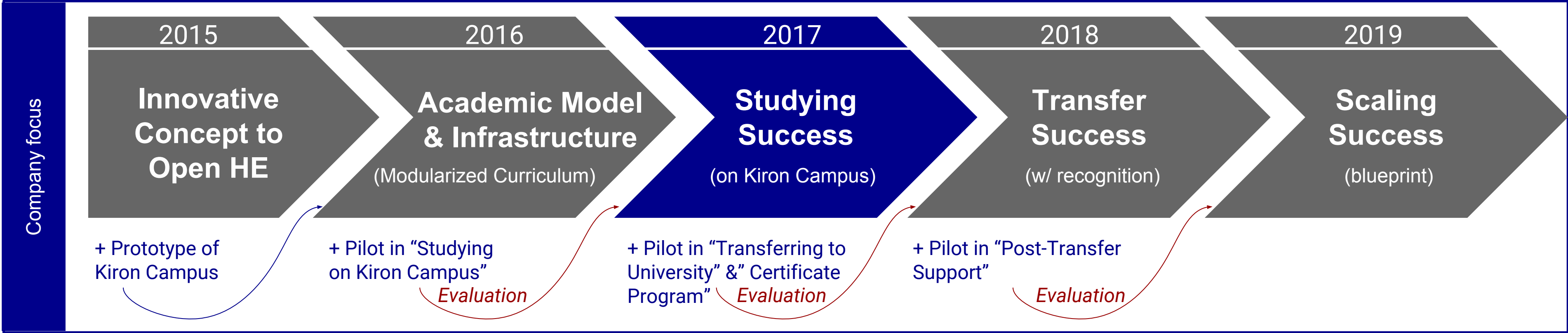
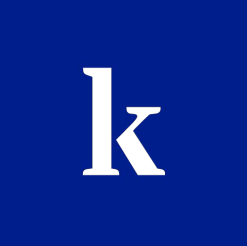
→ need for individualized “transfer checklists”

→ need for automatized and transparent application and recognition processes





# Breaking down the challenges in yearly milestones sharpens our focus on studying & transfer success. Let us achieve this together!



# kiron

Open Higher Education  
for Refugees

# Backup

*‘Kiron is hope. Kiron is hope for a lot of students. Right now, the whole world is facing the refugee issue, and a lot of division, so the refugees are facing a lot of challenges. To cope with all the challenges, we have to encourage education.’*





# Kiron's innovative approach as a good practice

- ✓ Changing the **“refugee” narrative** and stereotyping
- ✓ **Accelerating processes** through strong partnerships and synergy effects
- ✓ **Reshaping the discourse** on the **internationalization** and **digitization** of **higher education**, not only with a focus on our own target group
- ✓ MOOCs produced by our partners in projects with Kiron can also be used by other students to foster **better inclusion of non traditional learners in higher education**

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