



**Socioeconomic Institute for Advanced Studies**

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*Pioneering Socioeconomic Solutions  
& Development by Multidisciplinary Holistic Academic Programs*

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**(SIAS) MSc in  
Resilience Economy  
Program Specification  
Profile**

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**Updated - May 2023**

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<http://www.sias.rw/>

Building 16, KK19 Avenue, Niboyi Sector, Kicukiro District, Kigali City, Rwanda

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# PROGRAM SPECIFICATION FORM

## 1. PROGRAM DETAILS

1 Program Title	<b>Resilience Economy</b>			
2 Exit Awards	<b>Master of Science in Resilience Economy</b>			
3 Modes of Attendance Mode of Delivery	Part-time	✓	Full-time	✓
	Distance Learning	N/A	Work-based	N/A
	Other: Blended		Short module	N/A
4 Resource group:	1		5	
	2		6	
	3		Other: N/A	
	4			
5 First year of presentation	2023		Current Session	

2.1. Program Organiser/Leader:	SIAS Founder: Dr. MOHAMED Buhijji
<b>2.2. Program Development Team</b>	
<b>Name</b>	<b>Faculty</b>
Professor FAIZ Gallouj	<b>Social Innovation</b> Faculte de Economiques et Sociales Universite de Lile (FRANCE)
Professor NADA Trunk	<b>Innovation and Management</b> Int. School for Social and Business Studies, Celie (SLOVENIA) Higher Education Expert
Professor DUNYA Ahmed	<b>Women Development &amp; People with Disability</b> (BAHRAIN)
Dr. BUHEJI Mohamed	<b>Founding SIAS &amp; International Inspiration Economy Project</b> (BAHRAIN)
Dr. ALI Ibrahim Ali	Strategic Planning Omdurman University (SUDAN)
<b>2.3. Faculty/ School/Centre administratively responsible for the Program</b> Socioeconomic Institute for Advanced Studies (SIAS) Founder: Dr. MOHAMED Buhijji	

## 2. Program Funding and Need For Resources

The Resilience Economy MSc program would be funded by the SIAS owner funds (40%), the Tuition Fees (20%), the direct Beneficiaries including the international NGOs (20%) and return from the Social-for-Profit & Investment Projects (20%).

**Student numbers: Intake per year: 15 into Level 9 (Master) Year 1  
Eventual population, all years: 60**

### **3. Program Aims and Rationale**

This program was re-designed and updated based on the outcome of the needs assessment (NA) and skill gaps (SG) done by SIAS between the period from 12/2022 till 4/2023. As per the outcome of NA and SG (pages 41-56) this MSc in Resilience Economy program is highly needed even in countries that its story resemble resilience as Rwanda, beside definitely needed in the African Continent. This MSc program complements the MSc in Resilience Program as helps to bring different type of solutions based on the challenges faced by the communities during unprecedented times or crisis. Beside, it would participate in bring varieties of socio-economic problem solvers, and resilience economists, this MSc program would help in ensuring the sustainability development and community development as it would help to link the consequences of resilience tools in creating better economies.

The purpose of this postgraduate master's program is to create experts in the field of resilience economy, socioeconomic problem solving, and community tolerance development. Besides, this program targets to create multidisciplinary resilient thinkers, which can spot opportunities ahead of others and create more independent, resilient communities.

Resilience economy (RE), which was developed to solve socioeconomic problems by Dr Mohamed Buheji, is different from the classical resilience economy that is known to be used in banking and financial institutions. The resilience economy in SIAS is meant to solve the deep crisis, and sudden challenges and absorb risk to the communities. Hence, it is beyond just measuring the solvency of a banking sector or a government. Here in SIAS it is used to optimize the use of the currency of adaptation and resilience, to raise the capacity to “absorb shocks, repercussions, and sudden rebounds of any economic-social shocks.” Thus, it is “knowing what, how, and when to deal with societal-economic problems, absorbing their repercussions, and transforming their risks into opportunities. Therefore, RE offers another approach that helps the smooth evolution of the socio-economies in turbulent times with the least resources and with minimal loss (if any). Therefore, this program is unique, since it would produce graduates that competent to be: Resilience Engineers, Resilience Leaders, Socio-Economy Experts, Change Facilitators, Problem Solvers, Social Innovators and similar titles that are highly needed by all the communities in the world for the sake of mitigating the risk of issue or creating development.

This extensive program shows a good connection with the reality of the business world and ensures the best interaction between students, lecturers, and professionals in a spirit of participative learning and teamwork. The case studies and deep dialogue techniques would be up-to-date, which shall help to develop new

insights for business owners and future economy leaders. The program graduates would not only be expected to have high employability possibilities, but even be a source for creating socio-economy influencers.

The program would address the great shortage in experts relevant to the United Nations Sustain Development Goals (UN-SDGs) Experts, especially in issues such as poverty, youth, unemployment, migration, women, child labour, families' instabilities, etc.

The case studies and the deep dialogue embedded in the program modules will be up-to-date and will help the students to develop new insights for social business and to be future socioeconomic leaders. Not only are program graduates expected to have high employment potential, but to be in any or all the new fields of the economy such as sharing-economy, collaborative-economy, behavioural-economy and Resilience-economy. All these economies have great influences on the socio-economic development, especially in developing countries.

As the world is going through a devastating pandemic that influenced both life and livelihood, more spillovers are expected in every sector, industry and discipline. The COVID-19 and the lockdowns for more than 12 months brought challenges, but also opportunities. However, unfortunately, most of the opportunities gone towards technology relation solutions rather than human-related solutions. The international emergency situation, the Trumpism, the nationalism movement, the stretch between the leftist and rightist movements have created a shakeup for what we used to know before the outbreak of the virus. Now, globalisation is reviewed and a transformation of new economic powers in many communities, including their socio-economic situations; are all going through periods of instability and deterioration of quality of life; despite the availability of many resources and sources for development.

Observing, absorbing, and then realising the new global reality, in both the developed and under-developed countries bring new perspectives to any new initiative, especially if this initiative comes to create a realised socio-economic differentiation to the communities throughout the world. The increase of the gap between the poor and the rich, and the failure to achieve the top Sustainable Development Goals (SDGs) as the elimination of poverty in 2025, means the world needs a new mindset and new approaches to the dominating capital-based economy. Therefore, the MRE programs focus on the type of formulas used to deal with today's and future problem.

Issues as non-communicable diseases, migration, the gap between the poor and the rich, middle-class rigidity, unemployment, family instability, scarce jobs opportunities, vulnerable people's needs, growing population, etc., are increasing especially with repeated world crisis that is both man-made and natural. Unless, such problems are solved, we will have mental health problems, more communities' frictions, more displacement and most of all, the more scarce-driven mindset that

creates more conflicts and bring in more complicated solutions. Therefore, and based on the intention of preserving or enhancing the capacity of the SIAS projects through structured approaches, the MRE programs, be it PhD, or MSc have been released starting in 2021, where we started looking and being open to partnerships from all over the world with a focus on higher education institutions. The MRE program promises to bring resilience economy experts and to ignite positive change that overcomes of world conflicts, disasters and crisis towards more inspiring experiences, models and stories.

The world is changing, and one of the main changes is relevant to the disturbance of the socioeconomic development efforts that were built in the last century. This instability became very clear as we entered a new era called the new normal with the evolution of the COVID-19 pandemic. In this time of great transition, we believe we have a role in speeding up economic concepts that are focused on socioeconomic development regardless of the world condition.

This brought the necessity of a postgraduate Program that advocates raising the capacity of the coming generations in relevance to socioeconomic development. The Program shall target to leverage and facilitate graduates to spread the approaches for the new economies that create more flourishing communities and organisations that see alternatives to the capital economy.

## **5. Program Learning Outcomes**

### ***5.1. Knowledge and Understanding***

At the end of the Program, students will have

- i. An in-depth knowledge of Resilience Economy theories, practices, methodologies, processes and tools.
- ii. The mindset and the competency needed to successfully carry out resilience labs development projects across organization and communities fields.
- iii. The capacity to use resilience economy approaches in solving complex problems and developing corporate and public institutional strategies.
- iv. The mastering of the tools that would create an effective socio-economic outcome.
- v. The ability to communicate effectively to promote the culture of resilience economy, and to disseminate the practice in the public as well as the corporate spheres, by engaging with communities' issues and challenges and bringing solutions for sustainable development.

### ***4.2 Applied Knowledge Understanding and Practice***

At the end of the program students will be able to or have:

- vi. Equipped with both theoretical and practical understanding of the main issues arising from conflicts, economic instability, recessions, inflations and other world socioeconomic issues.

- vii. Apply projects using ‘tolerance’, and ‘absorption’; thus providing solutions to complex and challenging situations in the field with strong mentorship.
- viii. Deal with diversity in learning and different background, and to widen the participation possibility and richness. Build the competency needed to successfully carry out resilience labs development projects across organization and communities fields.
- ix. Effectively harness the practices of Resilience Economy with evidence-based higher quality intended learning designs.
- x. Identify opportunities and work on improving of fostering collective strategies to maximise the successes of the management of change efforts.

#### **4.3 Generic Cognitive Skills**

At the end of the program students will be able to or have:

- xi. See opportunities inside contemporary and future challenges, using lots of positive psychology techniques;
- xii. Solve, Develop, and Improve life and livelihood conditions in the communities, whether in urban or rural areas.
- xiii. Specialise in eliminating poverty, improving equality, and empowering the vulnerable.
- xiv. Work on creating participatory community programs in collaboration with the government and NGOs.
- xv. Work with the employees to improve the culture of the organisation and adapt to new conditions or ensure the transition or transformation to the new state.

#### **4.4 Communication/ICT/Numeracy/Analytic Skills**

At the end of the program students will be able to or have:

- xvi. Identify, or exploit resilience based opportunities around the problem
- xvii. Analyse and communicate short- and long-term solutions.
- xviii. Share and publish unique cases that enhance research, and creativity that can lead to resilient diversified solutions.
- xix. Analyse the depth of opportunities that can come from conflicts, and crisis that can be turned on resilience currency.
- xx. Design and Use applications that enhance the harmony and lead to effective resilience based solutions.

#### **4.5 Autonomy, Responsibility and Working With Others**

At the end of the program students will be able to or have:

- i. Work to improve the culture of the community targeted and adapt to new conditions or ensure the transition or transformation to the new state.

- ii. Analyse and evaluate complex tasks and break them down into logical stages to come up with final conclusions.
- iii. Exercise personal responsibility and autonomy to work and deal with complex problems using resilience economy techniques with ability to applying it in professional or equivalent environments;
- iv. Take responsibility for the leadership of a team and the management of resources in any type of community and deal with complex local and global issues.
- v. Work in ways which are reflective, critical and based on research-based evidence

### **5.0 Program Structure**

This Postgraduate MSc Resilience Economy program is made of a set of ‘Modules’, which are weighed the same credits, except the final module, which is a graduation project (called the resilience lab project).The Program will run for two academic years (18 months), with each consisting of two semesters. The Program has a unique way of delivery and assessments. The blended delivery of the program would focus on having the student 50% on campus, 50% on the field, online and self-study.

The practical side of the programs is based on what is called ‘Resilience Labs’ which are focused projects on a particular problem or potential development opportunities. In tackling for example socioeconomic issues, the students would learn to take a holistic approach, but still focus on bringing solution from a specific perspective, for example from the perspective of differential diagnosis, or observations, or behavioural economics, etc. Each of the proposed modules in even the non-core modules, have a type of ‘resilience lab’ as part of the module completion requirement. Hence, the MRE student has a chance to be an expert in ‘resilience labs’ through the repeated challenges in each module taken during the period of 12-18 months of the program.

The Program will have a Total of 12 modules and a Thesis for minimum of Four semesters

- First semester - (4) modules – credit hours as per Rwanda-HEC
- Second semester - (4) modules- credit hours as per Rwanda-HEC
- Third semester- (4) modules credit hours as per Rwanda-HEC

A student will be able to start Master's Thesis Project from Semester Two

### Curriculum of Program of MSc in Resilience Economy

Semester One		Semester Two	
1	Introduction to Resilience Economy (RE-20) **	1	Psychology and Resilience Economy (RE-20 B)*
2	Observation & Opportunity Discovery Methodologies (IE-22) ***	2	Currency of Visualization & Curiosity (IE-22 B) ***
3	Self-Sufficiency in Resilient Economies (RE-22)*	3	Economics of Change Management (IE-26) ***
4	Research Methodology (IE-25) ***	4	Socio-economy & Community Development (IE 25 B) **
Semester Three		Semester Four	
1	Resilience Strategies Best Practices & Models (RE-21)*	1	MSc Graduation Project Thesis of MSc of Resilience Economy (RE-29)*
2	Case Studies Writing (IE-21)**		
3	Future Studies in Socio-Economic Solutions (IE-26 B) ***		
4	Entrepreneurial Strategies (IE-24) ***		

**Note- MSc in Resilience Economy modules are at level 9 as indicated in RQF.**

#### Core modules and a dissertation:

Year –Semester	Modules
Year 1 – Semester 1	4 modules, each one with 150 hours, 15 credits each
Year 1 – Semester 2	4 modules, each one with 150 hours, 15 credits each
Year 2 – Semester 1	4 modules, each one with 150 hours, 15 credits
Year 2- Semester 2	Dissertation (300 hours)- 30 credits
<b>Total of hours for the Resilience Economy Program: 2,100h- 210 credits</b>	

**Note- MSc in Resilience Economy modules are at level 9 as indicated in RQF.**

The achievement of the above learning outcomes will be done through the following modules of the three semesters of the Program of Resilience Economy (Msc.RE):



## Modules Descriptions In Master Of Resilience Economy (MSc.RE)

YEAR 1- FIRST SEMESTER: CORE MODULES					
CODE	MODULE NAME	LH	NLH	TOTAL	CREDITS
(RE-20) **	Introduction to Resilience Economy	50	100	150	15
(IE-22) ***	Observation & Opportunity Discovery Methodologies	50	100	150	15
(RE-22)*	Self-Sufficiency in Resilient Economies	50	100	150	15
(IE-25) ***	Research Methodology	50	100	150	15

YEAR 1- SECOND SEMESTER: CORE MODULES					
CODE	MODULE NAME	LH	NLH	TOTAL	CREDITS
(RE-20 B)*	Psychology and Resilience Economy	50	100	150	15
(IE-22 B) ***	Currency of Visualization & Curiosity	50	100	150	15
(IE-26) ***	Economics of Change Management	50	100	150	15
(IE 25 B) **	Socio-economy & Community Development	50	100	150	15

SECOND YEAR – SEMESTER THREE: CORE MODULES					
CODE	MODULE NAME	LH	NLH	TOTAL	CREDITS
(RE-21)*	Resilience Strategies Best Practices & Models	50	100	150	15
(IE-21)**	Case Studies Writing	50	100	150	15
(IE-26 B) ***	Future Studies in Socio-Economic Solutions	50	100	150	15
(IE-24) ***	Entrepreneurial Strategies	50	100	150	15

SECOND YEAR –SEMESTER I					
CODE	MODULE NAME	LH	NLH	TOTAL	CREDITS
(RE-29)*	MSc Graduation Project Thesis of MSc of Resilience Economy	50	250	300	30

**LH: Lecture Hours; NLH: Non Lecture Hours**

### 6.0 Curriculum Map for Program Outcomes

The following tables shows the mapping of the program outcome per module, besides it addresses the needs assessment and skill gaps done by SIAS in 2023.

**Table (6a)**

	<b>4.1 Knowledge and Understanding</b>				
<b>List Modules</b>	<b>i.</b>	<b>ii.</b>	<b>iii.</b>	<b>iv.</b>	<b>v.</b>
<b>1-Introduction to Resilience Economy (RE-20) **</b>	✓	✓	✓		✓
<b>2-Observation &amp; Opportunity Discovery Methodologies (IE-22) ***</b>	✓		✓	✓	✓
<b>3-Self-Sufficiency in Resilient Economies (RE-22)*</b>	✓		✓	✓	✓
<b>4-Research Methodology (IE-25) ***</b>	✓	✓	✓		✓
<b>5-Psychology and Resilience Economy (RE-20 B)*</b>	✓		✓	✓	✓
<b>6-Currency of Visualization &amp; Curiosity (IE-22 B) ***</b>	✓	✓		✓	✓
<b>7-Economics of Change Management (IE-26) ***</b>		✓	✓		✓
<b>8-Socio-economy &amp; Community Development (IE 25 B) **</b>	✓		✓		✓
<b>9-Resilience Strategies Best Practices &amp; Models (RE-21)*</b>	✓	✓		✓	✓
<b>10-Case Studies Writing (IE-21)**</b>	✓	✓	✓	✓	
<b>11-Future Studies in Socio-Economic Solutions (IE-26 B) ***</b>	✓		✓	✓	✓
<b>12-Entrepreneurial Strategies (IE-24) ***</b>	✓		✓	✓	✓
<b>MSc Graduation Project Thesis of MSc of Resilience Economy (RE-29)*</b>					

**Table (6b)**

List Modules	4.2 Applied Knowledge Understanding and Practice				
	vi.	vii.	viii.	ix.	x.
<b>1-Introduction to Resilience Economy (RE-20) **</b>		✓	✓	✓	✓
<b>2-Observation &amp; Opportunity Discovery Methodologies (IE-22) ***</b>	✓	✓	✓	✓	✓
<b>3-Self-Sufficiency in Resilient Economies (RE-22)*</b>			✓	✓	✓
<b>4-Research Methodology (IE-25) ***</b>		✓	✓	✓	✓
<b>5-Psychology and Resilience Economy (RE-20 B)*</b>	✓	✓	✓	✓	✓
<b>6-Currency of Visualization &amp; Curiosity (IE-22 B) ***</b>	✓	✓	✓	✓	✓
<b>7-Economics of Change Management (IE-26) ***</b>	✓	✓	✓	✓	✓
<b>8-Socio-economy &amp; Community Development (IE 25 B) **</b>	✓	✓	✓		✓
<b>9-Resilience Strategies Best Practices &amp; Models (RE-21)*</b>	✓	✓		✓	✓
<b>10-Case Studies Writing (IE-21)**</b>	✓	✓		✓	✓
<b>11-Future Studies in Socio-Economic Solutions (IE-26 B) ***</b>		✓	✓	✓	✓
<b>12-Entrepreneurial Strategies (IE-24) ***</b>	✓		✓	✓	✓
<b>MSc Graduation Project Thesis of MSc of Resilience Economy (RE-29)*</b>		✓	✓	✓	✓

**Table (6c)**

List Modules	<i>4.3 Generic Cognitive Skills</i>				
	xi.	xii.	xiii.	xiv.	xv.
<b>1-Introduction to Resilience Economy (RE-20) **</b>	✓	✓	✓	✓	✓
<b>2-Observation &amp; Opportunity Discovery Methodologies (IE-22) ***</b>	✓		✓	✓	✓
<b>3-Self-Sufficiency in Resilient Economies (RE-22)*</b>	✓	✓		✓	✓
<b>4-Research Methodology (IE-25) ***</b>	✓	✓	✓	✓	✓
<b>5-Psychology and Resilience Economy (RE-20 B)*</b>	✓	✓		✓	✓
<b>6-Currency of Visualization &amp; Curiosity (IE-22 B) ***</b>	✓		✓	✓	✓
<b>7-Economics of Change Management (IE-26) ***</b>	✓		✓	✓	✓
<b>8-Socio-economy &amp; Community Development (IE 25 B) **</b>		✓		✓	
<b>9-Resilience Strategies Best Practices &amp; Models (RE-21)*</b>	✓	✓	✓	✓	✓
<b>10-Case Studies Writing (IE-21)**</b>	✓	✓	✓	✓	
<b>11-Future Studies in Socio-Economic Solutions (IE-26 B) ***</b>	✓	✓		✓	✓
<b>12-Entrepreneurial Strategies (IE-24) ***</b>	✓		✓	✓	
<b>MSc Graduation Project Thesis of MSc of Resilience Economy (RE-29)*</b>	✓	✓		✓	✓

**Table (6d)**

List Modules	<b>4.4 Communication/ICT /Numeracy/Analytic Skills</b>				
	xvi.	xvii.	xviii.	xix.	xx.
<b>1-Introduction to Resilience Economy (RE-20) **</b>	✓	✓	✓	✓	✓
<b>2-Observation &amp; Opportunity Discovery Methodologies (IE-22) ***</b>	✓		✓	✓	✓
<b>3-Self-Sufficiency in Resilient Economies (RE-22)*</b>	✓	✓		✓	✓
<b>4-Research Methodology (IE-25) ***</b>	✓	✓	✓		✓
<b>5-Psychology and Resilience Economy (RE-20 B)*</b>	✓		✓	✓	✓
<b>6-Currency of Visualization &amp; Curiosity (IE-22 B) ***</b>	✓		✓		✓
<b>7-Economics of Change Management (IE-26) ***</b>	✓		✓	✓	✓
<b>8-Socio-economy &amp; Community Development (IE 25 B) **</b>	✓	✓	✓		✓
<b>9-Resilience Strategies Best Practices &amp; Models (RE-21)*</b>		✓	✓	✓	✓
<b>10-Case Studies Writing (IE-21)**</b>	✓	✓		✓	✓
<b>11-Future Studies in Socio-Economic Solutions (IE-26 B) ***</b>	✓	✓	✓		✓
<b>12-Entrepreneurial Strategies (IE-24) ***</b>	✓		✓	✓	✓
<b>MSc Graduation Project Thesis of MSc of Resilience Economy (RE-29)*</b>		✓	✓	✓	✓

**Table (6e)**

	<b>4.5 Autonomy, Responsibility and Working With Others</b>				
<b>List Modules</b>	<b>xxi.</b>	<b>xxii.</b>	<b>cxiii.</b>	<b>xxiv.</b>	<b>xxv.</b>
<b>1-Introduction to Resilience Economy (RE-20) **</b>	✓		✓	✓	✓
<b>2-Observation &amp; Opportunity Discovery Methodologies (IE-22) ***</b>	✓	✓		✓	✓
<b>3-Self-Sufficiency in Resilient Economies (RE-22)*</b>	✓	✓		✓	✓
<b>4-Research Methodology (IE-25) ***</b>	✓		✓	✓	✓
<b>5-Psychology and Resilience Economy (RE-20 B)*</b>	✓	✓	✓	✓	
<b>6-Currency of Visualization &amp; Curiosity (IE-22 B) ***</b>	✓	✓		✓	✓
<b>7-Economics of Change Management (IE-26) ***</b>		✓	✓	✓	✓
<b>8-Socio-economy &amp; Community Development (IE 25 B) **</b>		✓	✓	✓	✓
<b>9-Resilience Strategies Best Practices &amp; Models (RE-21)*</b>	✓	✓	✓	✓	
<b>10-Case Studies Writing (IE-21)**</b>		✓	✓	✓	✓
<b>11-Future Studies in Socio-Economic Solutions (IE-26 B) ***</b>	✓	✓		✓	✓
<b>12-Entrepreneurial Strategies (IE-24) ***</b>	✓	✓	✓		✓
<b>MSc Graduation Project Thesis of MSc of Resilience Economy (RE-29)*</b>	✓	✓	✓	✓	

## **7.0 Learning and Teaching Strategy**

Blended learning is thought to be now, after the COVID-19 pandemic, the best model suitable for delivering post-graduate programs, including in the most popular MBA programs. The SIAS expects that its faculty be a part of a network of faculties (Full and Part-time) experts where they would collaborate in blended learning and would use the multidimensional expertise to share the experiences of the program execution and benchmark the student's achievements in creating change during- or post-graduation stage. The blended learning would ensure that both the staff and the students be acquainted with the concept of resilience economy programs and that they get instant technical support when needed.

There are mainly three constructs of the MRE blended learning model: (A) Direct Online Lecturing and Flip Class + (B) Independent online learning (class available on Website can be accessed at the student convenient time) + (C) Direct fact to face projects and assessments.

The other benefits of the MRE blended learning model is that it would enhance the Resilience Economy Alumni and faculty community where the experiences of the MRE projects would be shared, and the learning would be accelerated

## **8.0 Assessment Strategy**

This program has a collection of diversified approaches and methods for delivering its outcome:

### **One-MRE Learning and Teaching Methods**

- Flipped Class and peer-to-peer learning
- Collaborative Experiential Learning
- Hands-on Workshops
- Reading groups
- Learning by failure and self-directed learning
- Curiosity-driven study trips
- Projects and On the field learning

### **Two-MRE Assessment Methods**

- Projects and on-field feedback
- Presentation of the subjects
- Presentation of the projects progress or outcomes
- Self-Assessment
- Creating Community Models
- Participating in solving specific socioeconomic issues
- Case Studies Reflection Report
- Participation in Published Paper
- Open Book Final Exam



## **9.0 Student Profile And Specific Admission Criteria**

9.1 Candidates admitted to the Program must be holders of a Bachelor's Degrees or its equivalent. Holders of any Bachelor's Degrees or other recognized document by the higher learning council equivalent to a degree on the Rwanda National Qualification frame work from a known institutions of learning will be eligible for admission to the Masters module

9.2 Future Faculty who carry Postgraduate 's, or PhD certificates from other disciplines and want to calibrate their knowledge & experience with this MRE way of teaching and outcome

9.3 This program would have the following diversified beneficiaries:

- Ambitious students that target to change and develop societies through the approaches of resilience.
- Students that would be resilient in using the multidisciplinary approaches to add differentiation to their basic speciality.
- Sponsored students from targeted poor, or environmentally devastated communities.
- Members of institutions wishing to find solutions to their conflicts, or prevent the problems occurring in their community.
- Sponsored students who come from NOGs or institutions wishing to implement resilience economics applications.
- Researchers, universities, and centres wishing to use resilience while they are contributing to social and economic development.
- Retired experts looking to leave a legacy and would be eager to share knowledge and experience.
- Candidates of a Future Faculty for this MRE program, specially those who carry master's, or PhD certificates from other disciplines and want to calibrate their knowledge & experience with this resilience economy-based program and its way of teaching and targeting outcomes.

## **10. Program Values & The Principles**

The program targets to spread the following values among both its faculty and certainly among its students: Empathetic Thinking, Abundance Thinking, Life-Purposefulness, Agility, Resilience, Persistence, Perseverance, and Passion.

Therefore, the program works on spreading the following principles:

- a) Learning by Exploring
- b) Influencing without Power
- c) Lifelong Learning
- d) Consistent Development of Socio-economic needs.
- e) Priority for those who need education first.
- f) Participation and Engagement with the Community.
- g) Accountability.
- h) Non-discrimination on the basis of race, religion or colour.

- i) Working on self-sufficiency by utilising available resources.

### **11. Strategy for Student Support**

The Socioeconomic Institute for Advanced Studies (SIAS) has put into place regulations that support the MRE students through induction program. This would be supported by Academic Support Policy; Careers Education Information and Guidance Policy; Personal Development Planning; Complaints and Grievance Procedure for Staff and Students. The faculty in this program are going to be trained on both on how to deliver the modules and how to create live labs, or resilience models.

Since the MSc in Resilience Economy program is expected to have many publications that raise the rating of Rwanda innovation index and help the students to appreciate their research capacity, SIAS would provide all the support that ensures that the intended publication process goes smoothly. Field and online support would be the top priority of SIAS and its dedicated founders and experts. Both the faculty and the students would be supported by any technical queries regarding resilience economy and its projects.

The faculty in this Program is going to be trained on both on how to deliver the modules and how to create live labs, or resilience models. The MRE programs are expected to have many publications that raise Rwanda's innovation index and its socioeconomic, resilience focused research capacity. Field and online support would be the top priority of SIAS and its dedicated founders and experts. Both the faculty and the students would be supported by any technical queries regarding Resilience Economy and its projects.

SIAS also provide 'social-for-profit' projects fund schemes for those students wishing to be job creators and in the same time create change in their communities.

### **12. Program-Specific Need For Resources and Unusual Demands On Institutional Resources**

There are a variety of international experiences behind this program that come from different specialities, different background and who all have come a long way in creating inspiring stories in their communities. Some of the experts are academics, and others are youth leaders. Therefore, the MRE program would help to build a unique network about change leaders that target creating a differentiated change. Also, the program carries different sponsorship opportunities for projects that bring the return of investment for the communities and the students. The other way of delivery is the focus on communities that managed to sustain best practices in the areas of self-sufficiency, resilient economy, youth economy, or future foresight economy.

### **13. Strategies For Continuous Enhancement And Future Development**

HEC recommended subject reviews and their conclusions, institutional audits, regular faculty and departmental follow up on the running of the minimum indicative content as well as the achievement of learning outcomes, coupled with students' evaluations of lecturers at the end of each module or units are paramount. To ensure the sustainability of the program, the MRE designers have put the following:

- Training of all faculty in every concept, materials and way of teaching of 'resilience economy' program and its modules.
- Endowment Award for the research and development in resilience economy which shall be increased and developed over the years.
- Publication strategy that is based on open access.
- Publication for all thesis, research that come from the MRE program on the well-established peer-reviewed journals of the SIAS, free of charge.
- Free access for MRE case studies.
- Social-for-profit projects that ensure the financial feasibility of the program.
- Sustainability of have sponsored seats from developing countries.
- Alumni would be in consistent contact with all the MRE programs projects outcomes and development from all the network partners all over the world.
- The students would be encouraged to join the IE book clubs that discusses about the types of issues relevant to the different challenges happening in specific area of the world, or globally.

#### **14. Staff Development Priorities**

From SIAS side, a training of the faculty would be conducted. Also, SIAS would continue to give technical support whether during the process of accrediting the program, or during the process of delivery of the program.

Recruiting more qualified law lecturers as well as attending trainings into law professional boards as well as seminars; workshops at the national, regional and international levels are among the prime staff development priorities.

#### **15. Other Essential Information**

##### **15.1 History of MRE Program Development**

Master in Resilience economy (MRE), which was developed to solve socioeconomic problems by Dr Mohamed Buheji, is different from the classical resilience economy that is known to be used in banking and financial institutions. The resilience economy offered by SIAS is meant to solve the deep crisis, and sudden challenges and absorb risk to the communities. Hence, it is beyond just measuring the solvency of a banking sector or a government. Here in SIAS it is used to optimize the use of the currency of adaptation and resilience, to raise the capacity to "absorb shocks, repercussions, and sudden rebounds of any economic-social shocks." Thus, it is "knowing what, how, and when to deal with societal-economic problems, absorbing their repercussions, and transforming their risks into opportunities. Therefore, RE offers another approach that helps the smooth evolution of the socio-economies in turbulent times with the least resources and with minimal loss (if any).

This program is unique, since it would produce graduates that competent to be: Resilience Engineers, Resilience Leaders, Socio-Economy Experts, Change Facilitators, Problem Solvers, Social Innovators and similar titles that are highly needed by all the communities in the world for the sake of mitigating the risk of issue or creating development.

### **15.2 MRE Program Graduate Profile**

The graduate profile for the Master in Resilience Economy (MRE) would use many graduates attributes (GA's) that consist of knowledge (cognitive skills), skills (psychomotor or physical skills) and attributes. All these GA's are considered to be the competency the MRE program planned to graduate with.

The MRE program profile intends mainly to prepare during the full academic year of the study or the 18-month total during resilience economy experts or community mediation specialists that would have the characteristics of being scholars, practitioners, innovators, community change leaders and global citizens.

Each of the attributes has specific intended learning outcomes (ILO's), whether on the level of the MRE program or on the level of modules.

### **16.0 Tuition & Fees for MSc in Resilience Economy Students**

#### **16.1 Structure of MSc Students Annual Fees**

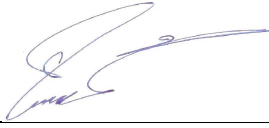
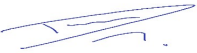
- a) Local Rwandan & East African \$890 (950,000 rwf)
- b) Regional (African) Students \$998 (1,112,000 rwf)
- c) Developing Countries (as India, Algeria, etc.) \$1400 (1,651,000 rwf)
- d) Other International Students \$3999 (to be paid in USD\$, or according to Rate of rwf to USD\$ at the time of payment).

#### **16.2 Other Academic Services Fees (when needed)**

<b>Description</b>	<b>Amount</b>
Application Fees (non-refundable)	100,000 Frw
Registration Fees	25,000 Frw
Student Union fees	5,000 Frw
Fine for delayed Registration	20,000 Frw / week
Student card replacement	10,000 Frw
Certificate of attendance	10,000 Frw
Registration Fees Statement	5,000 Frw
Bank Operational fees	1,000 Frw
Remarking	10,000 Frw
Transcript Fees	10, 000 Frw
Duplicate Final Transcript	10,000 Frw
Academic testimonial achievement	10,000 Frw
Duplicate Degree	50,000 Frw
Viva for Thesis for MSc	300,000 Frw

## 17. Provisional Approval

### 17.1 Members of Approval Panel

Faculty		Date
1	Signature 	1/4/2023
	Dr. MOHAMED Buhijji (Founder- SIAS)	
2	Signature 	1/4/2023
	Dr. Dunya Ahmed (Vice-Chancellor SIAS)	

### 17.2 Seen and noted

Library	Signature	
	Print Name	
	Pending Recruitment after HEC approval	
ICT	Signature	
	Print Name	
	Pending Recruitment after HEC approval	
Quality Office	Signature	
	Print Name	
	Pending Recruitment after HEC approval	
VRAF (Director Finance) SIAS	Signature	
	Print Name	
	Pending Recruitment after HEC approval	

## **Appendix: Learning Outcomes For Each Level**

### ***5.1. Knowledge and Understanding***

At the end of the Program, students will have

- i. An in-depth knowledge of Resilience Economy theories, practices, methodologies, processes and tools.
- ii. The mindset and the competency needed to successfully carry out resilience labs development projects across organization and communities fields.
- iii. The capacity to use resilience economy approaches in solving complex problems and developing corporate and public institutional strategies.
- iv. The mastering of the tools that would create an effective socio-economic outcome.
- v. The ability to communicate effectively to promote the culture of resilience economy, and to disseminate the practice in the public as well as the corporate spheres, by engaging with communities' issues and challenges and bringing solutions for sustainable development.

### ***4.2 Applied Knowledge Understanding and Practice***

At the end of the program students will be able to or have:

- vi. Equipped with both theoretical and practical understanding of the main issues arising from conflicts, economic instability, recessions, inflations and other world socioeconomic issues.
- vii. Apply projects using 'tolerance', and 'absorption'; thus providing solutions to complex and challenging situations in the field with strong mentorship.
- viii. Deal with diversity in learning and different background, and to widen the participation possibility and richness. Build the competency needed to successfully carry out resilience labs development projects across organization and communities fields.
- ix. Effectively harness the practices of Resilience Economy with evidence-based higher quality intended learning designs.
- x. Identify opportunities and work on improving of fostering collective strategies to maximise the successes of the management of change efforts.

### ***4.3 Generic Cognitive Skills***

At the end of the program students will be able to or have:

- xi. See opportunities inside contemporary and future challenges, using lots of positive psychology techniques;
- xii. Solve, Develop, and Improve life and livelihood conditions in the communities, whether in urban or rural areas.
- xiii. Specialise in eliminating poverty, improving equality, and empowering the vulnerable.

- xiv. Work on creating participatory community programs in collaboration with the government and NGOs.
- xv. Work with the employees to improve the culture of the organisation and adapt to new conditions or ensure the transition or transformation to the new state.

#### ***4.4 Communication/ICT/Numeracy/Analytic Skills***

At the end of the program students will be able to demonstrate the ability to:

- xvi. Identify, or exploit resilience based opportunities around the problem
- xvii. Analyse and communicate short- and long-term solutions.
- xviii. Share and publish unique cases that enhance research, and creativity that can lead to resilient diversified solutions.
- xix. Analyse the depth of opportunities that can come from conflicts, and crisis that can be turned on resilience currency.
- xx. Design and Use applications that enhance the harmony and lead to effective resilience based solutions.

#### ***4.5 Autonomy, Responsibility and Working with Others***

At the end of the program students will be able to or have:

- xxi. Work to improve the culture of the community targeted and adapt to new conditions or ensure the transition or transformation to the new state.
- xxii. Analyse and evaluate complex tasks and break them down into logical stages to come up with final conclusions.
- xxiii. Exercise personal responsibility and autonomy to work and deal with complex problems using resilience economy techniques with ability to applying it in professional or equivalent environments;
- xxiv. Take responsibility for the leadership of a team and the management of resources in any type of community and deal with complex local and global issues.
- xxv. Work in ways which are reflective, critical and based on research-based evidence

#### **Quality Assurance Mechanisms of the Program**

This MSc in Resilience Economy Program would be managed with high quality assurance mechanisms so that the following would be achieved smoothly and effectively:

- 1- Ensure that students are selected according to the criteria that have been set for admission to the program.
- 2- Reviewing and updating the content of program and its modules impact based on every cohort outcome on the community, the country and the region , or the world.
- 3- The students would get the benefit from the continuous assessment of the program for teaching performance evaluation, and improving its delivery

- through development of the teaching process and updating the content of the modules.
- 4- The stakeholders of the program, including expected employers, or the job creators out of this program would conduct annual evaluation of the program, and engage both the students and the faculty.



## VERSION CONTROL

Version Number	2
Prepared by	Dr. Mohamed Buhijji
Version Reference number	SP/MSc-RE2/2022
Description	SIAS – MSc in RE Program Specification Form
Policy owner	Social-Economic Institute for Advanced Studies (SIAS)
Responsible division	Quality Assurance Coordinator & SIAS Council
Internally validated	Yes
Date of Internal Validation	18/12/2022
Approved by	SIAS Governance Board
Date of approval and Update	20/12/2022 and 1/4/2023
Amendments	1
Proposed Review date	2024
Web address of this policy	<a href="http://www.sias.rw/">http://www.sias.rw/</a>

## APPROVAL FORM

**Checked by:**

**Signature:**



**DR. Donya Ahmed**

**Vice Chancellor**

**Socioeconomic Institute for Advanced Studies**

**Approved by:**

**Signature:**



**DR. Mohamed Buhijji**

**Founder & Chairman of the Board of Trustees**

**Socioeconomic Institute for Advanced Studies**

