

# CURRICULUM VITAE

**Ridha Selmi**  
**Full Professor**

**Mathematics/ Partial Differential Equations/ Fluid mechanics and related topics**

## Personal Data

Ridha Selmi  
Tunisian  
ridhaselmiridhaselmi@gmail.com  
Ridha.selmi@nbu.edu.sa  
Department of Mathematics, College of Science  
Northern Border University



## Education

Degree	University
Bachelor degree in mathematics	University of Tunis El Manar -Tunisia
M. Sc in applied mathematics	University of Tunis El Manar -Tunisia
PhD in mathematics	University of Tunis El Manar- Tunisia

## Professional Experience

Employment Status	Institution and Address
High school mathematics teacher	Ministry of Education- <b>Tunisia</b>
Contractual Lecturer	University of Tunis ElManar- <b>Tunisia</b>
Permanent Lecturer	University of Tunis ElManar- <b>Tunisia</b>
Assistant Professor	University of Gabes- <b>Tunisia</b>
Associate Professor	University of Gabes- <b>Tunisia</b>
Associate Professor	Northern Border University - <b>KSA</b>
Full Professor	Northern Border University - <b>KSA</b>

## Foreign Language Skills

	Foreign Language	Level		
		Medium	Good	V. Good
1	English			✓
2	French			✓
3	Spanish	✓		
4	Italian	✓		

## Scientific Activities

1/ Follow the following links for scientific publications

<https://scholar.google.com/citations?user=SjeTXoAAAAAJ&hl=en>  
<https://www.researchgate.net/profile/Ridha-Selmi/research>

2/ More than 12 accomplished scientific projects.

3/ One ongoing scientific project: Adsorption and Environment by Pr. Safwat Mahmoud, Dr. Abdelaziz Al-Enazi, **Pr. Ridha Selmi**  
Dr. Salah Knani, Pr. Guilherme Luiz Dotto, Pr. Alessandro Erto

4/ I supervised 03 PhD students and 03 Master students.

5/ I examined various PhD thesis, Master thesis, Promotion folders to the rank of Associate Professor, Scientific papers for many prestigious scientific journals.

6/ I attended various conferences; some of them are listed below

No	Conference	Date & Place	Type of Involvement
1	The 12 <sup>th</sup> International ISAAC Congress	Aveiro, <b>Portugal</b> , 29 July-02 August, 2019	Original paper published in the proceeding of the conference
2	Conference on Stochastic and PDE Methods in Mathematical Physics	Paris, <b>France</b> , September 15-17 <sup>th</sup> , 2014	Participant
3	The Second School of Fluid Mechanic,	Lyon, <b>France</b> , July 15-24 <sup>th</sup> , 2010	Participant
4	International Mathematical Congress (ICM 2010)	Hyderabad, <b>India</b> , August 19-27 <sup>th</sup> , 2010.	Participant
5	PDEs and Related Topics, a Satellite Conference of the ICM 2010	Bangalore, <b>India</b> , August 13-18 <sup>th</sup> , 2010	Participant
6	The 7 <sup>th</sup> International ISAAC Congress	London, <b>United Kingdom</b> , 13-18 July, 2009	Original paper published in the proceeding of the conference / Speaker
8	Evolution Equations and Dynamical Systems	Hammamet, <b>Tunisia</b> , March 23-27 <sup>th</sup> , 2009	Participant
9	The First Franco-Tunisian Symposium of Mathematics,	Djerba, <b>Tunisia</b> , March 16-20 <sup>th</sup> , 2009	Participant
10	Franco-Tunisian conference on PDEs and applications	Hammamet, <b>Tunisia</b> , Marsh 25-28 <sup>th</sup> , 2008	Speaker
11	The 7 <sup>th</sup> International ISAAC Congress	Ankara, <b>Turkey</b> , 13-18 August, 2007	Original paper published in the proceeding of the conference / Speaker
12	Mathematics for peace and development, a Satellite Conference of ICM 2006,	Madrid, Córdoba, <b>Spain</b> , July 17-22 <sup>th</sup> , 2006	Participant
13	RAMA 5	Msila, <b>Algeria</b> , April 10-12 <sup>th</sup> , 2006	Speaker

7/ I am member of the following professional and scientific societies.

1-	International Society of Analysis its Application and Computation" (ISAAC), Berlin, <b>Germany</b> , <a href="http://www.isaacmath.org/home/">http://www.isaacmath.org/home/</a>
2-	Tunisian Mathematical Society (TMS), <b>Tunisia</b> , <a href="http://www.tms.rnu.tn/en/">http://www.tms.rnu.tn/en/</a>
3-	Tunisian Association of Didactic Research (ATURED), <b>Tunisia</b> , <a href="http://www.atured.org.tn/">http://www.atured.org.tn/</a>
4-	Tunisian Association of Mathematical Didactic (ATDM), <b>Tunisia</b> , <a href="http://atdm-tn.org/">http://atdm-tn.org/</a>
5-	Laboratory of partial differential equations and applications/ <a href="http://www.utm.rnu.tn/visirech/Fr/utm/fst/edp/">http://www.utm.rnu.tn/visirech/Fr/utm/fst/edp/</a> , 2004-Now, University of Tunis Elmanar, <b>Tunisia</b>

8/ Some trainings, workshops and scientific participations are the following.

Title	Category	Name & Addresses of Awarding Organization
Professionalism in using virtual classrooms (creative teaching practices)	Online teaching and learning	Northern Border University/ Deanship of E-learning and Distance Education, <b>KSA</b>
Saudi Global Ranking (SGR) For higher education institutions	Quality assurance and academic accreditation	Northern Border University/ Vice Presidency of Graduated Studies and Scientific Research, <b>KSA</b>
Roadmap to prepare the "National Commission for Academic Accreditation and Assessment" visit for the programmatic accreditation of the mathematics program	Quality assurance and academic accreditation	Northern Border University/ Deanship of Quality and Accreditation, <b>KSA</b>
Technical procedures to overcome difficulties faced during electronic exams	Online teaching and learning	Northern Border University/ Deanship of E-learning and Distance Education, <b>KSA</b>
Web of Science (WoS) components, databases and journals' impact factor IF	Scientific research	Northern Border University/ Deanship of Scientific Research, <b>KSA</b>
Scientific research ethics	Scientific research	Northern Border University/ Deanship of Scientific Research, <b>KSA</b>
Using modern teaching strategies	Teaching and learning strategies	Northern Border University/ Deanship of University Educational Development, <b>KSA</b>
Research and innovation for food and environment security	Scientific research	Saudi Ministry of Education/ Deputyship of Research and Innovation-Ministry of Education, <b>KSA</b>
Designing and measuring the program learning outcomes in accordance with the Saudi qualification framework	Quality assurance and academic accreditation	Northern Border University/ and the Deanship of Quality and Accreditation, <b>KSA</b>
Key performance indicator (KPIs), benchmarking and elaborating self study report (SSR)	Quality assurance and academic accreditation	Northern Border University/ Deanship of Quality and Accreditation, <b>KSA</b>
Writing and designing the program/ the course / the field trainings' specifications and reports	Quality assurance and academic accreditation	Northern Border University/ Deanship of Quality and Accreditation, <b>KSA</b>
Four intensive sessions about using Blackboard LMS in teaching	Online teaching and learning	Northern Border University/ Deanship of E-learning and Distance Education, <b>KSA</b>
Using brain research in teaching and learning at universities	Teaching and learning strategies	Northern Border University / Deanship of University Educational Development, <b>KSA</b>
The role of researchers in distinguished scientific publications	Scientific research	Northern Border University/ Deanship of Scientific Research, <b>KSA</b>
03 months scientific mobility	Awards and Honors / Scientific research	Granted by the Erasmus Mundus Project, University of Vigo, <b>Spain</b>
02 weeks scientific mobility	Awards and Honors / Scientific research	Granted by the Higher Education Ministry of France, University of Lyon 1, <b>France</b>
Winter school "Documentation and e-Documentation in Universities' Libraries"	Community services	Granted by the University Paris 11, <b>France</b>
10 months Postdoctoral study	Awards and Honors/ Scientific research	Granted by the Erasmus Mundus Project, University of Cadiz, <b>Spain</b>
Conference "E-learning Africa"	Awards and Honors/ E-Learning	Granted by E-Learning Africa global network ( <a href="https://www.elearning-africa.com/">https://www.elearning-africa.com/</a> ) Dakar, <b>Senegal</b>
E-learning 02 months intensive training	Awards and Honors/ E-Learning	Granted by the Audiovisual AVnet Center of Katholieke Universiteit Leuven, <b>Belgium</b>
1 month scientific mobility	Awards and Honors / Scientific research	Granted by the Higher Education Ministry of France, University of Paris 11, <b>France</b>
Training about Ethics and professionalism in higher education	Teaching and learning	Ministry of Higher Education and Scientific Research, <b>Tunisia</b>

### Teaching activities

No	Courses taught	Undergraduate	Graduate
	Advanced partial differential equations		✓
	Theory of distributions	✓	
	Measure theory and Probability theory	✓	
	Hilbert analysis	✓	
	Graduate project in mathematics	✓	
	Numerical analysis	✓	
	Laplace and Fourier transform	✓	
	Partial differential equations	✓	
	Ordinary differential equations	✓	
	Reel analysis 1	✓	
	Reel analysis 2	✓	
	Mathematical modeling	✓	
	Foundation of mathematics	✓	
	Linear algebra 1 and 2	✓	
	Calculus 1, 2 and 3	✓	
	Mathematics 3 and 4 for engineering	✓	
	Statistics and Probability	✓	
	Mathematics for medicine and health track	✓	

### Committees

1	Quality and academic accreditation committee, department of mathematics / Chairman for 5 years and member for 4 years
3	Curriculum committee, department of mathematics / Member
4	Alumni committee, college of science / Chairman
5	Executive committee for quality and academic accreditation, college of science / Member
6	Scientific research and graduate studies committee, department of mathematics, Northern Border University / Member
7	Redaction committee of the self study report for the mathematics program accreditation, department of mathematics, Northern Border University / Member
8	Academic affairs committee, College of Science, Northern Border University/ Member
9	Operation plan follow-up committee, college of sciences / Member
10	The department council, department of mathematics
11	Scientific and academic board of the University/ Elected member
12	The LMD implementation committee (Bologna process)
13	Committee of master study program
14	Committee of PhD study program
15	College council