



**TUMAINI UNIVERSITY MAKUMIRA**  
**FACULTY OF EDUCATION, HUMANITIES, AND SCIENCE**  
**DEPARTMENT OF SCIENCE AND TECHNOLOGY**  
**COURSES TO REGISTER SEM. I (2022/2023): MEEM, BE (Sc.), ...**

**MASTER OF EDUCATION IN EDUCATIONAL MANAGEMENT (MEEM)—FIRST YEAR**

S/N	Course Code	Course Name	No. of credits
1.	COC 9111	Quantitative Research Methods	10
2.	COC 9112	Academic Writing Skills	10
3.	EDM 9111	Theories and Principles of Educational Management	10
4.	EDM 9112	Organisational Behaviour	10
5.	EDM 9113	Human Resource Management Information Systems	10
6.	COC 9113	Academic Affairs Management	10
7.	COC 9114	Applications of Educational Management Information Systems	10
		<b>Total</b>	<b>60</b>

*s/n 6 & 7 are electives—a student is supposed to choose one of them.*

**BACHELOR OF EDUCATION IN SCIENCE (MATHEMATICS) 1<sup>ST</sup> YEAR**

S/N	Course Code	Course Name	No. of credits
1.	UCC 8111	Foundation of Faith	6
2.	UCC 8112	Introduction to information Technology	6
3.	UCC 8113	Communication Skills and Study Methods I	6
4.	UCC 8114	Development Studies I	6
5.	FCC 8111	Human Growth and Development	9
6.	FCC 8112	Basic Principles of Teaching	9
7.	MTH 8111	Linear Algebra	9
8.	MTH 8112	Foundation of Analysis	9
		<b>Total</b>	<b>60</b>

**BACHELOR OF EDUCATION IN SCIENCE (MATHEMATICS) 2<sup>nd</sup> YEAR**

S/N	Course Code	Course Name	No. of credits
1.	FCC 8231	Teaching Practice I	12
2.	FCC 8232	Introduction to Educational Psychology	9

3.	FCC 8233	Education Measurement and Evaluation	9
4.	EDU 8231	Comparative Education	9
5.	MTH 8231	Calculus 1	9
6.	MTH 8232	Mathematical Logic and Formal Semantic	9
7.	MTH 8233	Vector and Fourier Analysis	9
		<b>Total</b>	<b>66</b>

BACHELOR OF EDUCATION IN SCIENCE (MATHEMATICS) 3<sup>rd</sup> YEAR

S/N	Course Code	Course Name	No. of credits
1.	EDU 8351	Teaching Practice II	12
2.	EDU 8352	Curriculum Development	9
3.	EDU 8353	Introduction to Educational Planning	9
4.	EDU 8354	Adult Programme Planning and Management	9
5.	MTH 8351	Real Analysis	9
6.	MTH 8352	Complex Analysis	9
7.	MTH 8353	Differential Equations	9
		<b>Total</b>	<b>66</b>

BASIC TECHNICIAN CERTIFICATE (NTA 4) IN COMPUTING, INFORMATION AND COMMUNICATION TECHNOLOGY (BTCCICT)—FIRST SEMESTER

S/N	Course Code	Course Name	No. of credits
1	GST 04101	English Communication Skills (fund.)	10
3	GST 04103	Life Skills (fund.)	15
4	ITT 04102	Software Installation, Troubleshooting and Maintenance (core)	10
5	ITT 04103	Essentials of Computing Mathematics (fund.)	6
6	ITT 04106	Basic Electricity and electronics (fund.)	6
		<b>Total</b>	<b>62</b>

TECHNICIAN CERTIFICATE (NTA 5) IN COMPUTING AND INFORMATION TECHNOLOGY (TC-ICIT)—FIRST SEMESTER

S/N	Course Code	Course Name	No. of credits
1	GST 05101	Business Communication Skills (fund.)	8
2	ITT 05101	Operating Systems (core)	14
3	ITT 05102	Computer Maintenance and Repair (core)	14
4	ITT 05106	Computing Mathematics (fund)	11
5	ITT 05104	Introduction to Programming (core)	12
		<b>Total</b>	<b>59</b>

ORDINARY DIPLOMA (NTA 6) IN INFORMATION AND COMMUNICATION TECHNOLOGY (OD-ICT)—FIRST SEMESTER

S/N	Course Code	Course Name	No. of credits
1	GST 06101	Action Research (core)	10
2	ITT 06102	Object Oriented Programming (core)	10
3	ITT 06103	System Analysis and Design (core)	8
4	ITT 06105	Project Proposal Development (core)	10
5	ITT 06106	Mobile Application Development (core)	10
6	ITT 06107	Multi-user Relational Database (core)	8
		<b>Total</b>	<b>56</b>

From Department of Education – FEHS, TUMA.  
September 2022