

**3MAKERERE UNIVERSITY
DEPARTMENT OF PHYSICS
2020/2021 SEMESTER ONE TIMETABLE**

	Mon	Tue	Wed	Thu	Fri
8:00 – 9:00 AM	PHY 2115 AEZ PS	PHY 7101 WO LAB	PHY3116 WO LAB	PHY2113 NS PM PHY 7111 DO LAB	PHY1113 AS PM PHY3117 NRK PS
9:00-10:00 AM	PHY 2115 AEZ PS PHY 7109 KN LAB	PGP3103 WTI LAB PHY3118 DM CS PHY 7101 WO LAB	SEMINAR WO, KN (Compulsory for Graduate Students)	PHY2113 NS PM PHY 7111 DO LAB	PHY 7102 FMD LAB
10:00 – 11:00 AM	PHY 2112 NRK PM PHY3111 TJS PCL	PHY3118 DM CS PHY 7112 KN LAB	PHY3113BCO BZ	PHY3118 DM LAB PHY3114 FMD LAB	PHY2116 JPE BZ PHY2115 AEZ LAB
11:00 – 12:00 PM	PHY3112 BFT PM PHY 7102 FMD LAB	PHY 2113 NS PM PHY 7112 KN LAB	PHY2111 JPE PM PHY 7102 FMD LAB	PHY3117 NRK PM PHY 7109 KN LAB	PHY2116 JPE BZ PHY3111 TJS PCL PHY1111 DM PM
12:00 – 1:00 PM	PHY2111 JPE PS PHY 1111 DM PM PHY 7111 DO LAB	PHY3115 AS PM PGP4107 AS PM	PHY2111 JPE PM PHY3116 WO LAB PHY3114 FMD CS PHY 7112 KN LAB	PHY1112E AEZ PM PHY1112SC MD LAB PHY3117 NRK CS	PHY3111 TJS PCL PHY1111 DM PM PHY7113 BCO LAB
2:00 – 3:00 PM	Y1 P Y3 P PHY7114 TJS LAB	PHY 1112E AEZ CM PHY1112SC MD LAB PHY 3113 BCO PS PHY2112 NRK PM	PHY3114 FMD CS PHY3116 WO LAB PHY 7109 KN LAB	PHY2113 NS PS	PHY 7113 BCO LAB Y1P Y2P
3:00 –4:00 PM	Y1P Y3P PHY7114 TJS LAB	PHY 1112E AEZ CM PHY1112SC MD LAB PHY2112 NRK PM PHY3112 BFT LAB	PHY1113 AS PM PHY 7113BCO LAB Y2P Y3P	PHY7114 TJS LAB	PGP3103 WTI LAB PHY 3113 BCO PM Y1P Y2P
4:00 – 5:00 PM	Y1P Y3P	PHY1113 AS CM PHY3112 BFT LAB PHY2116 JPE BZ	Y2P Y3P	PHY7101 WO LAB	Y1P Y2P
5:00 – 6:00 PM	Y1P Y3P		Y2P Y3P	PHY3115 AS PM PGP4107 PM AS	Y1P Y2P
6:00 – 7:00 PM	Y1P Y3P		Y2P Y3P PHY 1112E AEZ PM PHY1112SC MD LAB	PHY3112 BFT PM	PHY3115 AS LAB PGP4107 AS LAB

ELECTRONICS LAB: AS, DM, WTI.

MATERIALS & MECHANICS LAB: BCO, JPE, MD, AEZ, NS, NRK, WO.

ELECTRICAL AND ELECTROSTATICS LAB: **DO**, KN, FMD, BFT.

COMPUTER LABORATORY: **TJS**

VENUES

PM: PHYSICS MAIN LECTURE THEATRE
PS: PHYSICS SMALL LECTURE ROOM
CM: CHEMISTRY MAIN LECTURE THEATRE
CS: CHEMISTRY SMALL LECTURE ROOM
PCL: PHYSICS COMPUTER LABORATORY

BZ: BOTANY/ZOOLOGY LECTURE THEATRE
J205: ROOM 205 (JICA BUILDING)
M105: MATHEMATICS ROOM 105

LAB: ANY PHY LAB OR PRE-ARRANGED ROOM

INSTRUCTORS

BCO: Dr. Bosco Oruru
FMD: Prof. Florence Mutonyi D'ujanga
BFT: Mr. Benon Fred Twinamasiko
WO: Dr. Willy Okullo
WTI: Prof. Winston Tumps Ireeta
KN: Dr. Karidewa Nyeinga
DO: Dr. Denis Okello
NS: Dr. Nicolausi Ssebiyonga
NRK: Dr. Nicholas Kwarikunda
MD: Dr. Daniel Mukiibi

AS: Mr. Alex Sembito
TJS: Dr. Taddeo Ssenyonga
GA: Dr. Gertrude Ayugi
AO: Mr. Alex Okello
JPE: Mr. John Paul Eneku
ST: Mr. Swaleh Tusiime
DM: Dr. Dennis Muyimbwa
AEZ: Dr. Annet Zawedde

COURSES

YEAR ONE

Core Courses

PHY 1111: Mathematical Methods in Physics I 3(3-0)
PHY 1112 & 1103: Properties of Matter 3(2-1)
PHY 1113: Heat & thermodynamics 3(2-1)

YEAR THREE

Core Courses

PHY 3111: Computer Programming in Physics 3(2-1)
PHY 3112: Electromagnetism 4(3-1)
PHY 3117: Statistical Mechanics 3(3-0)
PGP 3103: Signal Processing 3(3-0)

MASTERS COURSES

Core Courses

PHY 7101: Mathematical Methods in Physics
PHY 7102: Advanced Classical Mechanics
PHY 7109: Research Methods
PHY 7112: Paleo- & Rock Magnetism

YEAR TWO

Core Courses

PHY 2111: Mathematical Methods in Physics II 3(3-0)
PHY 2112: Solid State Physics I 3(2-1)
PHY 2113: Wave Optics 4(3-1)

Electives (At least one)

PHY 2115: Elts of Astro and Astrophy. 3(2-1)
PHY 2116: Elts of Environmental Phy 3(2-1)

Electives (At least two)

PHY 3113: Geophysical Methods 3(2-1)
PHY 3115 & PGP4107: Electronics and Instrumentation 3(2-1)
PHY 3116: Agricultural Physics 3(2-1)
PHY 3118: Bio-Physics 3(2-1)
PHY 3114: Introduction to Space Physics 3(2-1)

Electives (Atleast one)

PHY 7111: Photovoltaics
PHY 7114: Aerosol Physics
PHY 7113: Nuclear Technology