GODFREY OKOYE UNIVERSITY
FACULTY OF NATURAL SCIENCES AND ENVIRONMENTAL STUDIES
LECTURE TIME TABLE FOR FIRST SEMESTER 2025-2026 ACADEMICE SESSION

DEPARTMENT OF ARCHITECTURE

ARCHITECTURE (100 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
GST	Deg 1	GST 111a	Communication in English	1	Mondays	8 – 9	Sam 002	Mrs T. Olaolu/others
GST	Deg 1	GOU-COS 105	Introduction to Computer Science	3	Mondays	10 – 12	SAM 002/003	Dr. U.F Okebanama & others
ARC	Deg 1	FAA 103	Architectural Graphics I	2	Monday	1-3 pm	STUDIO I	Nnamani O.
ARC	Deg 1	PHY 101	General Physics 1	2	Tuesday	10 – 12	Sam003/Computer year one class	Mr. Odita W./MrsOyioguA./Mr. Nwigboji (Dr. Onuorah L.O)
ARC	Deg 1	GOU-ARC 123	Free Hand Sketching I	2	Wednesday	10- 12pm	STUDIO I	Arc. Chioma E.
ARC	Deg 1	ARC 101	Introduction to Architecture I	2	Thursday	8-10 am	STUDIO I	Prof. C.B. Chukwuali
MAT	Deg 1	MAT 101	General Mathematics I	2	Thursdays	10-12 pm	SAM 003	Dr Chinedu Ugwu/Dr Johnson Iyioke/Dr. Eneze
MAT	Deg 1	MAT 103	General Mathematics III	2	Thursday	2 – 4	STUDIO I	Dr. Chinedu Ugwu
ARC	Deg 1	ARC 127	Descriptive Geometry I	2	Friday	8-10 am	STUDIO 1	Arc. Chinwe Okechukwu
ARC	Deg 1	ARC 125	Architectural Modeling	2	Friday	10- 12 pm	STUDIO I	Nnamani O.
ARC	Deg 1	FAA 121	Intro to Basic Computer Application	2	Friday	1-3 pm	STUDIO 1	Agu A.

ARCHITECTURE (200 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
ARC	DEG	GOU-ARC 233	Space Matrix	2	Monday	8- 10 am	STUDIO 2	Dr. B.S. A Okoye
ARC	Deg 2	ARC 203	Building Components and Methods I	2	Tuesday	10- 12 noon	STUDIO 2	Arc. Juliet, A.
ARC	Deg 2	ARC 201	Architectural Design I	4	Tuesday	1-3 pm	STUDIO 2	Arcs Chioma E. & other Mentors
ARC	Deg 2	ARC 205	History of the world and Traditional Architecture	2	Wednesday	8-10 am	STUDIO 2	Arc. Oji & Arc. Juliet

GST	Deg 2	ENT 211	Entrepreneurship and Innovation	2	Wednesdays	10- 12 noon	SAM 002, SAM 003, UCB 005/006.	Ewah Bassey & Co.
ARC	Deg 2	GOU-ARC 241	Land Surveying I	2	Wednesday	1-3 pm	STUDIO 2	Arc. Charles C.
ARC	Deg 2	ARC 265	Introduction to Building Materials	2	Thursday	10- 12 noon	STUDIO 2	Arc. Chioma, E.
ARC	Deg 2	ARC 201	Architectural Design I	4	Thursday	1-5 pm	STUDIO 2	Arcs Chioma E. & other Mentors
ARC	Deg 2	FAA 221	Computer Applications in Architecture II	2	Friday	8-10 am	STUDIO 2	Nnamani O.
ARC	Deg 2	ARC 207	Architectural Structures I	2	Friday	10- 12 noon	STUDIO 2	Agu A.

ARCHITECTURE (300 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
ARC	Deg 3	ARC 301	Architectural Design Studio III	4	Monday	1-3 pm	STUDIO 3	Nnamani O. and Other Mentors
ARC	Deg 3	GOU-ARC 331	Recreation & Water Architecture	2	Monday	10- 12 noon	STUDIO 3	Arc. Charles C.
ARC	Deg 3	ARC 305	Building Structures III	2	Tuesday	8-10 am	STUDIO 3	Prof. Offor J.N
ARC	Deg 3	GOU- ARC 345	Introduction to Landscape Design	2	Tuesday	10- 12 noon	STUDIO 3	Asso. Prof. Jerry Obefuna
BTG	Deg 3	NAS 392	Research Method in NAS	3	Tuesdays	1 – 3	022 / SAM	Prof. Adinna / Prof. Ozofor
ARC	Deg 3	ARC 303	Building Components & Methods III	2	Wednesday	10- 12 noon	STUDIO 3	Arc. Chinwe Okechukwu
ARC	Deg 3	ARC 307	Building Services II	2	Thursday	8-10 am	STUDIO 3	Dr. Onyia
ARC	Deg 3	FAA 313	Research Methods I	2	Thursday	10- 12 noon	STUDIO 3	Asso. Prof. Jerry Obefuna & Arc. Juliet A.
ARC	Deg 3	ARC 301	Architectural Design Studio III	4	Thursday	1-5 pm	STUDIO 3	Nnamani O. and Other Mentors
ARC	Deg 3	ARC 309	Building Information Modelling	2	Friday	8-10 am	STUDIO 3	Agu, A
GST	Deg 3	ENS 301	STEP	0	Fridays	1 – 4	TBN	Chris Uwakwe & Others
GST	Deg 3	ENS 301	STEP	0	Saturday	8 – 5	TBN	Chris Uwakwe & Others

ARCHITECTURE (400 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
ARC	Deg 4	ARC 411	Project planning and control	2	Monday	8-10 am	STUDIO 4	Arc. Dr. Chukwu
ARC	Deg 4	ARC 475	Law of Contract for Architects (Elective)	2	Monday	10- 12 noon	STUDIO 4	Prof. Chukwuali
ARC	Deg 4	ARC 473	Building Environment Service (Acoustics) (Elective)	2	Monday	10- 12 noon	Digital Studio	Arc. Dr. Okoye
ARC	Deg 4	ARC 431	Architectural Design IV	5	Monday	1-5 pm	STUDIO 4	Assoc. Prof. Jerry Obiefuna & other mentors
ARC	Deg 4	ARC 461	Building Components and Methods IV	2	Tuesday	8-10 am	STUDIO 4	Prof. Iloeje
ARC	Deg 4	ARC 463	Architectural Structure IV	2	Tuesday	10- 12 noon	STUDIO 4	Arc. Dr. Offor
ARC	Deg 4	ARC 421	Computer Applications in Architecture V	2	Tuesday	3-5 pm	STUDIO 4	Arc. Chioma
ARC	Deg 4	ARC 453	Human Settlement and Architecture	2	Wednesday	8-10 am	STUDIO 4	Dr. Onyia
ARC	Deg 4	ARC 471	Quantities and Estimating	2	Thursday	8-10 am	STUDIO 4	Arc. Dr. Okoye
ARC	Deg 4	ARC 451	Urban Design II	2	Thursday	10- 12 noon	STUDIO 4	Arc. Favour Ononuju.
ARC	Deg 4	ARC 431	Architectural Design IV	5	Thurday	1-5 pm	STUDIO 4	Assoc. Prof. Jerry Obiefuna & other mentors
ARC	Deg 4	ARC 481	Research Methodology II	2	Friday	8-10 am	STUDIO 4	Arc. Dr Umeora
ARC	Deg 4	ARC 455	Rural Development & Planning	2	Friday	10- 12 noon	STUDIO 4	Arc. Dr. Chukwu

MICROBIOLOGY YEAR ONE

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
GST	Deg 1	GST 111a	Communication in English	1	Mondays	8 – 9	Sam 002	Mrs T. Olaolu/others
GST	Deg 1	GOU-COS 105	Introduction to Computer Science	3	Mondays	10-12	SAM 002/003	Dr. U.F Okebanama & others
MCB	Deg 1	GOU- MCB 101	Hazard & Safety in the Lab./ laboratory maintenance & fitting	2	Mondays	1-3 pm	SAM 002	Amara/Jachike

MCB	Deg 1	PHY 101	General Physics 1	2	Tuesday	10 – 12	Sam003/Computer year one class	Mr. Odita W./Mrs Oyiogu A./Mr. Nwigboji (Dr. Onuorah L.O)
MCB	Deg 1	PHY 107	General Physics Practical 1	1	Tuesday	1– 4	Physics/electronics lab	Mr. Nwigboji A.I./Mr. Odita W./Mrs Oyiogu A.
MCB	Deg 1	BIO 101 Ugwuomu Campus	General Biology 1	2	Wednesdays	9-11	Med school	Dr. Nnamdi
MCB	Deg 1	BIO 101 Thinkers' Campus	General Biology 1	2	Wednesdays	9-11	SAM 003	Aniagolu. C.M
MCB	Deg 1	BIO 107 Ugwuomu Campus	General Biology Practical I	1	Wednesdays	1-4	Lab	Adanna, Eze/Okoli, C.
MCB	Deg 1	BIO 107 Thinkers' campus	General Biology Practical I	1	Wednesday	1-4	MCB Lab	Bello-Ukwueze M.N
MCB	Deg 1	GOU- MCB 111	Basic Microbiology/ Biotechnology	2	Thursday	8 – 9	SAM 003	Mr. Ekemezie
MCB	Deg 1	MTH 101	Elementary Mathematics 1	2	Thursdays	10 – 12	SAM 003	Mr. C.S Ugwu
MCB	Deg 1	GOU- MCB 111	Basic Microbiology/ Biotechnology	2	Friday	9 -10	SAM 003	Mr. Ekemezie
MCB	Deg 1	CHM 101	General Chemistry 1	2	Fridays	10 – 12	SAM 003	Mrs. Ugwuonah /Dr.Ilo
CHM	Deg 1	CHM 107	General Chemistry Practical I	1	Fridays	1 – 4	CHM LAB	Amara/Dr.Ilo/Mr.Aneke

YEAR TWO

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
MCB	Deg 2	GOU- MCB 233	Management of Local Pests **(E)**	2	Mondays	10-12	COB 28	Dr. Amadi
MCB	Deg 2	GOU- MCB 243	Tropical Animals Biotechnology **(E)**	2	Mondays	10-12	COB 30	Aniagolu C.S.
MCB	Deg 2	GOU- MCB 245	Media Preparation Using Various Indigenous Yam Tubers	1	Mondays	1-3	SAM 003	Bello-Ukwueze M.N
MCB	Deg 2	GOU- MCB 201	Intro. to Tropical Plants Biotechnology/ intro to	2	Tuesday	8-10	COB 28	Dr. Uba
MCB	Deg 2	GOU- STA 201	Statistics for Agriculture & Biological Sciences	3	Tuesday	10-12	COB 28	Ekene Okafor
MCB	Deg 2	MCB 231	Basic Techniques in Microbiology	2	Tuesdays	1-3	MCB LAB	Amobi O

GST	Deg 2	ENT 211	Entrepreneurship & Innovation	2	Wednesdays	10-12	SAM 002,003,NI FES hall	Dr Bassey Ewah & others
MCB	Deg 2	BCH 201	General Biochemistry 1	2	Wednesdays	1 - 3	BCH Lab	Dr. Obiudu
CHM	Deg 2	GOU-CHM 211	Organic Chemistry I	2	Thursdays	8-10	SAM 003	Mrs. Ugwuonah
MCB	Deg 2	MCB 221	General Microbiology	2	Thursdays	10-12	COB 28	Amobi O
MCB	Deg 2	GOU- MCB 205	Management of Toxic Substances & Waste	1	Thursday	1-2	COB 30	Mr. Ekemezie
BTG	Deg 2	BTG 203	Introduction to Biotechnology I	2	Friday	10 – 12	BTG LAB	Dr. N.T Udeagbala
MCB	Deg 2	GOU-BIO 201	Genetics 1	2	Friday	1-3	BTG Lab	Prof Marire

YEAR THREE

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
MCB	Deg 3	MCB 307	Immunology and Immunochemistry	3	Mondays	9– 10	MCB LAB	Emeritus Prof J.I Okafor
MCB	Deg 3	MCB 309	Food Microbiology	2	Mondays	10 – 12	COB 31	Dr. C.A Okafor
MCB	Deg 3	**GOU-MCB 335**	Aquatic Microbiology	2	Tuesdays	8 – 10	MCB LAB	Dr. F.N Olisaka
BTG	Deg 3	NAS 392	Research Method in NAS	3	Tuesdays	1 – 3	022 / SAM	Prof. Adinna / Prof. Ozofor
MCB	Deg 3	**GOU-MCB 301**	Coal Microbiology and Biotechnology	2	Thursdays	8--10	MCB LAB	Dr. L. Obi
MCB	Deg 3	**GOU-BTG 315**	Bioinformatics	2	Thursdays	10 – 12	BTG LAB	Dr. L. Obi
MCB	Deg 3	MCB 307	Immunology and Immunochemistry	3	Thursdays	1 – 3	MCB LAB	Emerita Prof. J.I Okafor
MCB	Deg 3	**GOU-MCB 323**	Tropical Soil Microbiology	2	Fridays	8 – 10	MCB LAB	Dr. N. Amadi
MCB	Deg 3	MCB 305	Fungi of Medical, Food and Industrial Importance	2	Friday	10 -12	COB 30	Emerita Prof. C.A Oyeka
GST	Deg 3	ENS 301	STEP	0	Fridays	1 – 4	TBN	Chris Uwakwe & Others
GST	Deg 3	ENS 301	STEP	0	Saturday	8 – 5	TBN	Chris Uwakwe & Others

YEAR FOUR

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
MCB	Deg 4	MCB 445	Food Microbiology I	2	Mondays	8 – 10	COB 31	Dr. C. A Okafor
MCB	Deg 4	MCB 471	Plant Pathology	3	Monday	10-12	COB 30	Dr. N.T Udeagbala
MCB	Deg 4	MCB 491	Seminar in Microbiology	2	Tuesdays	8 – 10	BTG LAB	Dr. Nwajiobi I
MCB	Deg 4	MCB 463	Virology & Tissue Culture	3	Tuesdays	1 – 2	COB 28	Prof. I. M. Ezeonu

MCB	Deg 4	MCB 477	Microbiological Quality Assurance(Analytical Microbiology & Quality Control)	3	Wednesdays	8 – 10	MCB LAB	Prof. George-Okafor
MCB	Deg 4	MCB 475	Industrial Microbiology	2	Wednesdays	10-12	MCB LAB	Prof. George-Okafor
MCB	Deg 4	MCB 463	Virology & Tissue Culture	3	Wednesday	1-3	COB 30	Prof. I. M. Ezeonu
MCB	Deg 4	MCB 471	Plant Pathology	3	Friday	9 – 10	COB 30	Dr. N.T Udeagbala
MCB	Deg 4	MCB 461	Mycology	2	Friday	10 -12	COB 30	Emerita Prof. C.A Oyeka
MCB	Deg 4	MCB 489	Princi. of Epidemiology & Public Health	3	Fridays	1 – 3	COB 028	Asso. Prof. Enyidi

BIOTECHNOLOGY (100 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
GST	Deg 1	GST 111a	Communication in English	1	Mondays	8 – 9	Sam 002	Mrs T. Olaolu/others
GST	Deg 1	GOU-COS 105	Introduction to Computer Science	3	Mondays	10-12	SAM 002/003	Dr. U.F Okebanama & others
BTG	Deg 1	GOU- MCB 101	Hazard & Safety in the Lab./ laboratory maintenance & fitting	2	Mondays	1 – 3	Sam 003	Amara/Jachike
BTG	Deg 1	PHY 101	General Physics 1	2	Tuesday	10 – 12	Sam003/Computer year one class	Mr. Odita W./Mrs Oyiogu A./Mr. Nwigboji (Dr. Onuorah L.O)
BTG	Deg 1	PHY 107	General Physics Practical 1	1	Tuesday	1– 4	Physics/electronics lab	Mr. Nwigboji A.I./Mr. Odita W./Mrs Oyiogu A.
BTG	Deg 1	BIO 101 Ugwuomu Campus	General Biology 1	2	Wednesdays	9-11	Med school	Dr.Nnamdi
BTG	Deg 1	BIO 101 Thinkers' Campus	General Biology 1	2	Wednesdays	9-11	SAM 003	Aniagolu.
BTG	Deg 1	BIO 107 Ugwuomu Campus	General Biology Practical I	1	Wednesdays	1-4	Lab	Adanna, Eze/ Okoloi, C.
BTG	Deg 1	BIO 107 Thinkers campus	General Biology Practical I	1	Wednesday	1-4	MCB Lab	Bello-Ukwueze M.N
BTG	Deg 1	GOU- MCB 111	Basic Microbiology/ Biotechnology	2	Thursday	8-9	SAM 003	Mr. Ekemezie

BTG	Deg 1	MTH 101	Elementary Mathematics 1	2	Thursdays	10– 12	SAM 003	Mr. C.S Ugwu
BTG	Deg 1	GOU- MCB 111	Basic Microbiology/ Biotechnology	2	Friday	9 -10	SAM 003	Mr. Ekemezie
BTG	Deg 1	CHM 101	General Chemistry 1	2	Fridays	10-12	SAM 003	Mr. Ugwuonah/Dr.Ilo
BTG	Deg 1	CHM 107	General Chemistry Practical I	1	Fridays	1 – 4	CHM LAB	Amara/Dr.Ilo/Mr.Aneke

YEAR TWO

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
BTG	Deg 2	**GOU-BTG 272**	Introduction to Industrial Biotechnology	2	MONDAY	1-3	BTG LAB	Adanna Eze
BTG	Deg 2	**GOU-MCB 210/GOU- BTG 235**	Tropical plants Biotechnology/ Introduction to Agricultural Biotechnology	2	Tuesday	8-10	COB 28	Dr. Uba C
BTG	Deg 2	STA 201	Statistics for Agriculture & Biological Sciences	2	Tuesdays	10 – 12	COB 28	Ekene Okafor
BTG	Deg 2	**GOU-MCB 231**	Basic Techniques in Microbiology	1	Tuesdays	1 – 3	MCB LAB	Amobi O
BTG	Deg 2	ENT 211	Entrepreneurship and Innovation	2	Wednesdays	10 – 12	SAM 002/00	Mrs Bassey Ewah & Others
BTG	Deg 2	BCH 201	General Biochemistry 1	2	Wednesdays	1 - 3	BCH Lab	Dr. Obiudu
BTG	Deg 2	**GOU-CHM 211**	Organic Chemistry I	2	Thursdays	8 – 10	SAM 003	Mrs. Ugwuonah
BTG	Deg 2	MCB 221	General Microbiology I	2	Thursdays	10 – 12	COB 28	. Amobi O.
BTG	Deg 2	BTG 203	Introduction to Biotechnology I	2	Fridays	10 – 12	BTG LAB	Dr. N.T Udeagbala
BTG	Deg 2	**GOU-BIO 251**	General Genetics	2	Fridays	1-3	BTG Lab	Prof, Marire

YEAR THREE

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
BTG	Deg 3	GOU-MCB 307	Immunology and Immunochemistry	3	Mondays	9– 10	MCB LAB	Prof J. Okafor
BTG	Deg 3	BTG 305	Techniques in Biotechnology	2	Mondays	3 – 5	BTG LAB	Prof. Udeh/Okoro
BTG	Deg 3	BTG 309	Food Biotechnology	2	Tuesdays	8-10	COB 31	Dr. C.A Okafor
BTG	Deg 3	BTG 311	Plant and Animal Cells Tissue Culture	2	Tuesday	10-12	BTG LAB	Dr. Uba C

BTG	Deg 3	NAS 392	Research Method in NAS	3	Tuesdays	1 – 3	022 / SAM	Prof. Adinna / Dr. Ozofor
BTG	Deg 3	BTG 301	Molecular Genetics	2	Wednesdays	10 - 12	BTG LAB	Prof I.M Ezeonu
BTG	Deg 3	BTG 313	Biotechnology for Animal Production	2	Wednesdays	1 -3	BTG LAB	Prof Marire B
BTG	Deg 3	GOU-BTG 301	Coal Microbiology and Biotechnology	3	Thursday	8 -10	SAM 003	Dr. L. Obi
BTG	Deg 3	BTG 315	Bioinformatics	2	Thursdays	10 -12	BTG LAB	Dr. L. Obi
BTG	Deg 3	NAS 392	Research Method in NAS	3	Thursdays	9 – 10	BTG LAB	Prof. Adinna / Dr. Ozofor
BTG	Deg 3	GOU-MCB 307	Immunology and Immunochemistry	3	Thursdays	1 – 3	MCB LAB	Prof J.I Okafor
BTG	Deg 3	BCH 339	Bioenergentics & Chemical Kinetic	2	Fridays	10 – 12	BCH LAB	Prof. Agbafor
GST	Deg 3	ENS 301	STEP	0	Fridays	1 – 4	TBN	Chris Uwakwe & Others
GST	Deg 3	ENS 301	STEP	0	Saturdays	8 – 5 pm	TBN	Chris Uwakwe & Others

YEAR FOUR

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
BTG	Deg 4	BTG 445	Cyto and Population Genetics/Evolution	2	Mondays	1 – 3	BTG LAB	Dr. N T UDEAGBALA
BTG	Deg 4	BTG 497	Seminar in Biotechnology	2	Tuesday	8 – 10	BTG LAB	Dr Nwajiobi I
BTG	Deg 4	BTG 477	Process Biotechnology	2	Tuesdays	10 – 12	MCB LAB	Dr Nwajiobi I
BTG	Deg 4	BTG 465	Biotech. for Animal Re- Production	2	Wednesday	1-3	BTG LAB	Prof. Marire
BTG	Deg 4	BTG 451	Robotics and Biotechnology	2	Thursdays	8 – 10	MCB LAB	.Prof.Onyia
BTG	Deg 4	BTG 483	Bioinformatics (Nucle. Sequ. Analys)	2	Thursdays	10-12	BTG LAB	Dr. L. Obi
BTG	Deg 4	BCH 333	Metabolism of Nucleic Acids & Porp	2	Thursdays	1 – 3	BCH LAB	Prof. S.O.O. Eze
BTG	Deg 4	BTG 471	Experi. Design & Data Proces. in Biot	2	Fridays	8 – 10	BTG LAB	Mr. M. Okoro
BTG	Deg 4	BTG 447	Biosafety in Moden Biotechnology	2	Fridays	10 – 12	COB 028	Ass Prof. Onyia
BTG	Deg 4	BCH 331	Metabolism of Amino Acids & Protein	2	Fridays	3 – 5	BTG LAB	Prof. Agbafor

CHEMICAL SCIENCES

INDUSTRIAL CHEMISTRY		**(100 LEVEL)**			

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
GST	Deg 1	GST 111a	Communication in English	1	Mondays	8 – 9	SAM 002/003	Mrs T. Olaolu/ Others
GST	Deg 1	GOU-COS 105	Introduction to Computer Science	3	Mondays	10– 12	SAM 002/003	Dr. U.F Okebanama & others
CHM	Deg 1	GOU-GLT 101	Hazards & Safety in the Laboratory	2	Mondays	1 – 3	SAM 002/003	Mrs. Amara/Mr. Aneke
MCB	Deg 1	PHY 101	General Physics I	2	Tuesdays	10 – 12	SAM 003	Nwigboji/Wilson/Mrs. Agat
MCB	Deg 1	PHY 107	General Physics Practical I	1	Tuesdays	1 – 4	PHY LAB	Nwigboji/Wilson/Mrs. Agat
MCB	Deg 1	BIO 101	General Biology I	2	Wednesdays	9 – 11	SAM 003	Aniagulu
MCB	Deg 1	BIO 107	General Biology Practical I	1	Wednesdays	1 – 4	MCB LAB	Mrs. M. Bello/Ukwueze/Ms. Okoli
GST	Deg 1	GOU-MCB 111	Basic Microbiology/Biotechnology	2	Thursdays	8 – 9	SAM 002/003	Mr. Ekemezie
CHM	Deg 1	MAT 101	Elementary Mathematics I	2	Thursdays	10 – 12	SAM 003	Mr. C.S Ugwu
GST	Deg 1	GOU-MCB 111	Basic Microbiology/Biotechnology	2	Friday	9–10	SAM 002/003	Mr. Ekemezie
CHM	Deg 1	CHM 101	General Chemistry I	2	Fridays	10 – 12	SAM 003	Mrs. Ugwuonah /Dr.Ilo/Mr. Anorue
CHM	Deg 1	CHM 107	General Chemistry Practical I	1	Fridays	1 – 4	CHM LAB	Mr. Anorue/ Amara/Dr.Ilo/Mr.Aneke

			INDUSTRIAL CHEMISTRY	(200 LEVEL)				
PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
CHM	Deg 2	ICH 213	Analytical Chemistry I	2	Mondays	10 – 12	COB 022	Dr. Gloria
CHM	Deg 2	ICH 251	Process Science I	3	Tuesdays	8 – 10	CHM LAB	Dr Ilo
CHM	Deg 2	COS 201	Computer programming 1	2	Tuesdays	10 – 12	IECE	Engr. Kingsley Chibueze
CHM	Deg 2	ICH 251	Process Science I	**3**	Tuesdays	1 – 2	CHM LAB	Dr Ilo
CHM	Deg 2	GOU-ICH 221	Corrosion and control Chemistry	2	Tuesdays	3– 5	CHM LAB	Dr. Njoku
GST	Deg 2	ENT 211	Entrepreneurship and Innovation	2	Wednesdays	10 – 12	SAM 002/003	Fr. Dr. Nwachukwu &Other
BCH	Deg 2	GOU-BCH 201	General Biochemistry	2	Wednesdays	1 – 3	BCH LAB	Dr. Obiudu
CHM	Deg 2	CHM 231	Organic Chemistry I	2	Thursdays	8 – 10	SAM 003	Mrs. Ugwuonah
MTH	Deg 2	GOU-MTH 201	Mathematical Methods	2	Friday	10 – 12	Computer Villa	Dr. C. S. Ugwu
CHM	Deg 2	CHM 207	General Practical Chemistry III	1	Fridays	1 – 3	CHM LAB	Dr. Ejikeme
CHM	Deg 2	CHM 210	Physical Chemistry I	2	Friday	3 – 5	BCH LAB	Dr. Ijoma

			INDUSTRIAL CHEMISTRY		(300 LEVEL)			
PRG	**LEVEL**		**COURSE TITLE**	**CREDIT UNITS**	**DAYS**	**TIME**	**ROOM**	**LECTURER**
CHM	Deg 3	CHM 331	Organic Chemistry II	2	Mondays	1 – 3	CHM LAB	Dr Ayuk
CHM	Deg 3	ICH 317	Industrial Raw Materials Resource Inventory	1	Mondays	3– 5	CHM LAB	Dr Gloria
BTG	Deg 3	NAS 392	Research Method in NAS	3	Tuesdays	1 – 3	022 / SAM	Prof. Adinna / Dr. Ozofor
CHM	Deg 3	CHM 311	Physical Chemistry II	2	Wednesday	3–5	CHM LAB	Dr Ijoma
CHM	Deg 3	GOU-CHM 359	Chemical Spectroscopy	3	Thursdays	9 – 12	CHM LAB	Dr. Njokunwogbu
CHM	Deg 3	ICH 305	Petroleum Chemistry	2	Thursdays	1 – 3	CHM LAB	Mrs. Ugwuonah
CHM	Deg 3	ICH 319	Glass blowing practical	1	Friday	8 – 10	CHM LAB	Dr. Ejikeme

				INDUSTRIAL CHEMISTRY			(400 LEVEL)	
PRG	**LEVEL**	**COURSE CODE**	**COURSE TITLE**	**CREDIT UNITS**	**DAYS**	**TIME**	**ROOM**	**LECTURER**
CHM	Deg 4	CHM 437	Organic Chemistry IV	2	Mondays	10 – 12	CHM LAB	Dr. Ayuk
CHM	Deg 4	CHM 459	Instrumental Analytical Method	2	Mondays	1 – 3	CHM LAB	Dr Gloria
CHM	Deg 4	CHM 421	Cement and Fertilizer industry	2	Tuesdays	8 – 10	COB 022	Dr Njoku
CHM	Deg 4	CHM 453	Colour and Textile Chemistry	2	Tuesdays	10– 12	COB 022	Dr Njoku
CHM	Deg 4	CHM 435	Hetercyclic Chemistry	2	Wednesdays	8 – 10	CHM LAB	Dr. Ayuk
CHM	Deg 4	CHM 415	Physical Chemistry V	2	Wednesdays	10 – 12	CHM LAB	Dr. Ijoma
CHM	Deg 4	CHM 433	Natural Product Chemistry	2	Wednesdays	1 – 3	CHM LAB	Dr. Ayuk
CHM	Deg 4	CHM 413	Analytical Chemistry II	2	Thursdays	8 – 10	CHM LAB	Prof. Ekere
CHM	Deg 4	CHM 455	Chemistry of Industrial Processes	2	Thursday	10 – 12	CHM LAB	Prof. Ekere
CHM	Deg 4	CHM 461	Seminar	2			CHM LAB	All Lecturers
CHM	Deg 4	CHM 457	Environmental Chemistry and Waste Management	2	Friday	3 – 5	COB 022	Dr. Mrs. Ejikeme

BIOCHEMISTRY **(100 LEVEL)**

PRG	**LEVEL**	**COURSE CODE**	**COURSE TITLE**	**CREDIT UNITS**	**DAYS**	**TIME**	**ROOM**	**LECTURER**
GST	Deg 1	GST 111a	Communication in English	1	Mondays	8 – 9	SAM 002/003	Mrs T. Olaolu/ Others
GST	Deg 1	GOU-COS 105	Introduction to Computer Science	3	Mondays	10 – 12	SAM 002/003	Dr. U.F Okebanama & others
CHM	Deg 1	GOU-GLT 101	Hazards & Safety in the Laboratory	2	Mondays	1 – 3	SAM 002/003	Mrs. Amara and others

BCH	Deg 1	PHY 101	General Physics I	2	Tuesdays	10 – 12	SAM 003	Nwigboji/Wilson/Mrs. Agatha
BCH	Deg 1	PHY 107	General Physics Practical I	1	Tuesdays	1 – 4	PHY LAB	Nwigboji/Wilson/Mrs. Agatha
MCB	Deg 1	BIO 101	General Biology I	2	Wednesdays	9 – 11	SAM 003	Aniagolu
MCB	Deg 1	BIO 107	General Biology Practical I	1	Wednesdays	1 – 4	MCB LAB	Mrs. M. Bello Ukwueze/Ms. Okoli
MCB	Deg 1	GOU-MCB 111	Basic Biotechnology	2	Thursday	8 – 9	SAM 002/003	Mr. Ekemezie
CHM	Deg 1	MAT 101	Elementary Mathematics I	2	Thursdays	10 – 12	SAM 003	Mr. C.S Ugwu
GST	Deg 1	GOU-MCB 111	Basic Microbiology/Biotechnology	2	Friday	9–10	SAM 002/003	Mr. Ekemezie
CHM	Deg 1	CHM 101	General Chemistry I	2	Fridays	10 – 12	SAM 003	Mrs. Ugwuonah /Dr.Ilo/Mr. Anorue
CHM	Deg 1	CHM 107	General Chemistry Practical I	1	Fridays	1 – 4	CHM LAB	Mr. Anorue/Amara/Dr.Ilo/Mr. Aneke

BIOCHEMISTRY (200 LEVEL)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
BCH	Deg 2	GOU-BCH 221	Molecular Basis of Infectious Disease	3	Mondays	8 – 11	BCH LAB	Dr Uhuo
BCH	Deg 2	STAT 201	Statistics for Agriculture & Biological Sciences	3	Tuesday	10 – 12	COB 28	Ekene Okafor
BCH	Deg 2	GOU-BCH 231	Tropical Plants-based Drugs for Disease Management	2	Tuesday	3 – 5	BCH LAB	Dr Enechi
BCH	Deg 2	ENT 211	Entrepreneurship and Innovation	2	Wednesdays	10 – 12	SAM 002/003	Fr. Dr. Nwachukwu &Other
BCH	Deg 2	BCH 201	General Biochemistry I	2	Wednesdays	1 – 3	BCH LAB	Dr. Obiudu
BCH	Deg 2	GOU-CHM 211	Organic Chemistry	2	Thursdays	8 – 10	SAM 003	Mrs. Ugwuonah
BCH	Deg 2	GOU-MCB 221	General Microbiology	2	Thursdays	10 – 12	COB 28	Amobi, O.
BCH	Deg 2	BCH 203	General Biochemistry Practical	1	Thursdays	3– 5	CHM LAB	Mr. Anorue
BCH	Deg 2	GOU-CHM 207	General Practical Chemistry III	2	Friday	1 – 3	CHM LAB	Dr. Ejikeme
BCH	Deg 2	GOU-CHM 201	Physical Chemistry	2	Fridays	3– 5	CHM LAB	Dr. Ijoma

BIOCHEMISTRY (300 LEVEL)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER

BCH	Deg 3	GOU-BCH 323	Food Biotechnology	3	Mondays	11 – 12	COB 022	Dr Uhuo
BCH	Deg 3	GOU-BCH 323	Food Biotechnology	3	Mondays	1 – 3	COB 022	Dr Uhuo
BCH	Deg 3	BCH 321	Metabolism of Lipids	2	Mondays	3 – 5	BCH LAB	Dr. Anosike
BCH	Deg 3	GOU-BCH 313	Immunology and Immunochemistry	3	Tuesdays	10 – 12	BCH LAB	Prof. Maduka/Dr. Chidimma
BTG	Deg 3	NAS 392	Research Method in NAS	3	Tuesdays	1 – 3	022 / SAM	Prof. Adinna / Prof. Ozofor
BCH	Deg 3	GOU-BCH 313	Immunology and Immunochemistry	3	Wednesdays	8 – 9	BCH LAB	Prof. Maduka/Dr. Chidimma
BCH	Deg 3	BCH 311	Enzymology	2	Wednesdays	10 – 12	BCH LAB	Prof. Eze
BCH	Deg 3	BCH 333	Metabolism of Nucleic Acids & Porphyrin	2	Wednesdays	3 – 5	BCH LAB	Dr. Obiudu
BCH	Deg 3	BCH 309	Inorganic Biochemistry	1	Thursdays	10 – 12	BCH LAB	Dr. Agbara
BCH	Deg 3	BCH 335	Membrane Biochemistry	2	Fridays	10 – 12	BCH LAB	Prof. Agbafor
GST	Deg 3	ENS 301	STEP	0	Fridays	1 – 4	TBN	Chris Uwakwe & Others
GST	Deg 3	ENS 301	STEP	0	Saturdays	8 – 5 pm	TBN	Chris Uwakwe & Others

BIOCHEMISTRY (400 LEVEL)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNITS	DAYS	TIME	ROOM	LECTURER
BCH	Deg 4	BCH 461	Environmental Biochemistry & Toxicology	2	Mondays	10 – 12	BCH LAB	Dr. Anosike
BCH	Deg 4	BCH 433	Plant Biochemistry	2	Tuesdays	8 – 10	BCH LAB	Dr. Chidimma
BCH	Deg 4	BCH 423	Clinical/Medical Biochemistry	2	Tuesdays	1 – 3	BCH LAB	Prof Maduka/Dr Enechi
BCH	Deg 4	BCH 431	Tissue Biochemistry & Biophysical Chem.	2	Wednesdays	10 – 12	BCH LAB	Prof. Engwa
BCH	Deg 4	BCH 451	Biotech. & Genetics Engineering	2	Wednesdays	1 – 3	BCH LAB	Prof. Eze
BCH	Deg 4	BCH 453	Industrial Biochemistry	2	Thursdays	10 – 12	BCH LAB	Prof. Engwa
BCH	Deg 4	BCH 421	Food & Nutritional Biochemistry	2	Thursdays	1 – 3	BCH LAB	Dr. Agbara
BCH	Deg 4	BCH 411	Advanced Enzymology	2	Fridays	1 – 3	BCH LAB	Prof. Agbafor

DEPARTMENT OF PHYSICAL AND GEOSCIENCES

INDUSTRIAL PHYSICS PROGRAMME (100 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	UNIT LOAD	DAYS	TIME	VENUE	LECTURERS
GST	Deg 1	GST 111a	Communication in English	1	Mondays	8-9 am	Sam 002	Mrs T. Olaolu/others

GST	Deg 1	GOU-COS 105	Introduction to Computer Science	3	Mondays	10-12pm	SAM 002/003	Dr. U.F Okebanama & others
PHY	Deg 1	PHY 103	General Physics III	2	Mondays	1-3pm	Physics lab	Mr. Madu, F. O
PHY	Deg 1	GOUNI-IPH-161	MATHCAD	2	Tuesday	8-10 am	Electronics lab	Dr. Eze, A. C
PHY	Deg 1	PHY 101	General Physics I	2	Tuesday	10am-12noon	Sam003/Computer year one class	Mr. Odita W./Mrs Oyiogu A./Mr. Nwigboji (Dr. Onuorah L.O)
PHY	Deg 1	PHY 107	General Physics Practical I	1	Tuesday	1pm-4pm	Physics/electronics lab	Mr. Nwigboji A.I./Mr. Odita W./Mrs Oyiogu A.
MTH	Deg 1	MTH 101	Elementary Mathematics I		Thursday	10 - 12 noon	SAM 003	Dr. Chinedu Ugwu/Dr. Johnson Iyioke
PHY	Deg 1	GOU-IPH 173	Workshop Practice	1	Friday	8-10 am	Workshop	Mr. Nwigboji A.I
PHY	Deg 1	CHM 101	General Chemistry I	2	Fridays	10-12 pm	SAM 003	Mrs L. Ugwuonah/ Dr S. Ilo
PHY	Deg 1	CHM 107	General Chemistry Practical I	1	Fridays	1 – 4	CHM Lab	Dr. S. Ilo

INDUSTRIAL PHYSICS PROGRAMME (200 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
PHY	Deg 2	GOU-IPH 213	Rock Physics I	2	Monday	10-12pm	Electronics lab	Mr Iyioku, M. U.
PHY	Deg 2	GOU-IPH-241	Physical Metallurgy I	2	Monday	1-3pm	Electronics lab	Mr Odita, W.
PHY	Deg 2	PHY 201	General Physics V (Elementary Modern Physics)	2	Tuesday	8-10am	Electronics lab	Mrs Oyiogu A
PHY	Deg 2	PHY 205	Thermal Physics	2	Tuesday	10 - 12 pm	Workshop	Mr Madu, F. O
PHY	Deg 2	GOU-IPH-239	Engine Design Physics	2	Wednesdays	8-10am	Electronics lab	Dr Eze, A. C.
GST	Deg 2	ENT 211	Entrepreneurship and Innovation	2	Wednesdays	10 - 12 pm	SAM 002, SAM 003, UCB 005/006.	Ewah Bassey & Co.
PHY	Deg 2	GOU-IPH-223	Computer Programme for Physics I	2	Wednesday	1-3pm	Workshop lab	Dr Kingsley Chibueze
PHY	Deg 2	GOU–IPH 203	Introduction to Geology	2	Thursday	8-10am	Physics lab	Mr Iyioku, M. U.
PHY	Deg 2	PHY 207	Experimental Physics I	1	Friday	10-12pm	Workshop lab	Mr Nwigboji, I. A
PHY	Deg 2	GOU-IPH-237	Welding And Fabrication	2	Friday	1-3pm	Workshop lab	Mr Nwigboji, I. A

INDUSTRIAL PHYSICS PROGRAMME (300 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
PHY	Deg 3	GOU-IPH 383	Applied Geophysics	2E	Monday	8-10am	Physics lab	Mr Iyioku M. U
PHY	Deg 3	PHY 315	Electronics	2	Monday	10-12pm	Physics lab	Mr Odita W
PHY	Deg 3	PHY 307	Experimental Physics III	1	Monday	1-3pm	Electronics lab	Dr Eze, A. C
PHY	Deg 3	PHY 305	Quantum Physics	3	Monday	3-4pm	PHY Workshop lab	Mr F. O. Madu
PHY	Deg 3	PHY 303	Electromagnetism I	3	Tuesday	10-12pm	Physics lab	Dr. Onuorah L. O
PHY	Deg 3	PHY 305	Quantum Physics	3	Tuesday	1-3pm	PHY Workshop lab	Mr F. O. Madu
PHY	Deg 3	GOU-IPH 351	Vector and Tensor Analysis I	2	Wednesday	10-12pm	PHY Workshop lab	Dr Chinedu Ugwu/Dr Johnson Iyioke
PHY	Deg 3	GOU-IPH 387	Robotic Systems	3	Wednesday	1-3pm	PHY Workshop lab	Computer Science Lecturer
PHY	Deg 3	GOU-IPH 387	Robotic Systems	3	Thursday	10-12pm	PHY Workshop lab	Computer Science Lecturer
PHY	Deg 3	GOU-IPH 331	Renewable Energy II	2	Thursday	1-3pm	Electronics lab	Prof. Eze A. E
PHY	Deg 3	PHY 303	Electromagnetism I	3	Thursday	3-4pm	Physics lab	Dr. Onuorah L. O
PHY	Deg 3	GOU-IPH 385	Chemical Metallurgy	2E	Friday	10-12pm	Physics lab	Dr Onuorah L. O
GST	Deg 3	ENS 301	STEP	0	Fridays	1 – 4	TBN	Chris Uwakwe & Others
GST	Deg 3	ENS 301	STEP	0	Saturdays	8 – 5 pm	TBN	Chris Uwakwe & Others

INDUSTRIAL PHYSICS PROGRAMME (400 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
PHY	Deg 4	PHY 477	Experimental Physics IV	1	Monday	8 - 10 am	Electronics lab	Dr. Eze A.C
PHY	Deg 4	PHY 461	Quantum Physics	3	Monday	11-12 pm	Electronics lab	Prof. Uhuegbu C. C
PHY	Deg 4	PHY 427	Computational Physics	3	Tuesday	8-9am	Physics lab	Prof. Uhuegbu C.C
PHY	Deg 4	PHY 417	Field School In Geophysics	2E	Tuesday	9-11am	Physics lab	Mr. Iyioku M.U
PHY	Deg 4	PHY 465	Quantum Mechanics I	3	Tuesday Wednesday	3-5pm	Workshop lab	Mr F. O. Madu
PHY	Deg 4	PHY 463	Quantum Optics	3	Wednesday	10-11am	Physics Lab	Dr Eze, A. C
PHY	Deg 4	PHY 461	Quantum Physics	3	Wednesday.	1-3 pm.	Electronics lab	Prof. Uhuegbu C. C
PHY	Deg 4	PHY 465	Quantum Mechanics I	3	Wednesday.	3-5pm	Workshop lab	Mr F. O. Madu
PHY	Deg 4	PHY 425	Em Fields and Waves	2	Thursday	10-12pm	Electronics lab	Dr. Onuorah L. O
PHY	Deg 4	PHY 427	Computational Physics	3	Thursday	1-3pm.	Physics lab	Prof. Uhuegbu C.C

PHY	Deg 4	PHY 415	Gravity And Magnetic Methods	2E	Thursday	3-5pm	Physics lab	Mr. Iyioku M.U
PHY	Deg 4	PHY 463	Quantum Optics	3	Friday	8 - 10 am	Physics Lab	Dr Eze, A. C
PHY	Deg 4	PHY 433	Statistical Physics	2	Friday	10-12pm	Electronics lab	Prof. Eze A. E

PHYSICS PROGRAMME (100 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
GST	Deg 1	GST 111	Communication in English	1	Mondays	9-10 am	SAM 002	Mrs. T. Olaolu/others
GST	Deg 1	GOU-COS 105	Introduction to Computer Sciences	3	Mondays	10-12pm	SAM 002/SAM003	
PHY	Deg 1	PHY 103	General Physics III	2	Mon	1-3pm.	Physics Lab	Mr. Madu, F. O
PHY	Deg 1	GOUNI-IPH-161	MATHCAD	2	Tuesday	8-10 am	Electronics Lab	Dr. Eze, A. C
PHY	Deg 1	PHY 101	General Physics I	2	Tuesday	10am-12noon	Sam003/Computer year one class	Mr. Odita W./Mrs Oyiogu A./Mr. Nwigboji (Dr. Onuorah L.O)
PHY	Deg 1	PHY 107	General Physics Practical I	1	Tuesday	1pm-4pm	Physics/Electronics Lab	Mr. Nwigboji A.I./Mr. Odita W./Mrs. Oyiogu A.
MTH	Deg 1	MTH 101	Elementary Mathematics I	2	Thursdays	10 - 12 noon	SAM 003	Dr Chinedu Ugwu/Dr Johnson Iyioke
PHY	Deg 1	GOU-IPH 173	Workshop Practice	1	Friday	8-10 am	Physics Lab	Mr. Nwigboji A.I
PHY	Deg 1	CHM 101	General Chemistry I	2	Fridays	9-11 am	SAM 003	Mrs. L. Ugwuonah/ Dr S. Ilo
PHY	Deg 1	CHM 107	General Chemistry Practical I	1	Fridays	1-4 pm	CHM Lab	Dr. S. Ilo

PHYSICS PROGRAMME (200 Level)

PRG	LEVEL	COURSE CODE	COURSE TITLE	CREDIT UNIT	DAYS	TIME	VENUE	LECTURER
PHY	Deg 2	GOU-PHY 209	Mathematical methods	2	Monday	9-11am	Electronics lab	Dr Ugwu/Dr Iyioke
PHY	Deg 2	GOU-PHY 201	Principles of Meteorology and Climatology	2	Monday	1-3pm	Workshop lab	Mr. Iyioku M. U
PHY PHY	Deg 2 Deg 2	PHY 235 PHY 205	Introduction to Space Science Thermal Physics	2E 2	Monday Tuesday	3-5pm 10-12pm	Physics lab Electronics lab	Dr Eze, A. C Mr. Madu, F. O
GST	Deg 2	ENT 211	Entrepreneurship and Innovation	2	Wednesdays	10-12pm	SAM 002, SAM 003, UCB 005/006.	Ewah Bassey & Co.
PHY	Deg 2	GOU-IPH-223	Computer Programme for Physics I	2	Wednesday	1-3pm	Workshop lab	Dr Kingsley Chibueze

PHY	Deg 2	GOU– PHY 203	Satellite Communication	2E	Thursday	8-10am	Physics lab	Dr Eze, A. C
PHY	Deg 2	GOU-PHY 225	Atmospheric Physics	2	Thursday	1-3pm	Workshop lab	Dr Onuorah, L. O
PHY	Deg 2	PHY 201	General Physics V (Elementary Modern Physics)	2	Friday	8-10am	Electronics lab	Mrs. Oyiogu A
PHY	Deg 2	PHY 207	Experimental Physics I	1	Friday	10-12pm	Workshop lab	Mr. Nwigboji, I. A

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