



OSUN STATE UNIVERSITY, OSOGBO

COLLEGE OF EDUCATION

FACULTY OF EDUCATION

**B.Sc. (Ed.) DEGREE PROGRAMME IN
ENVIRONMENTAL EDUCATION**

**DEPARTMENT OF SCIENCE, TECHNOLOGY AND
MATHEMATICS EDUCATION**

Programme specializations in the area of the Environmental Education are:

- Environmental Education (Biology Option)
- Environmental Education (Chemistry Option)
- Environmental Education (Physics Option)

Curriculum for B.Sc. (Ed.) Environmental Education (Biology Option)

100 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 101	Introduction to the Teaching Profession	2	C
EDU 103	Foundations of Education	2	C
EED 101	Fundamentals of Environmental Education	2	C
EED 103	Introduction to Environmental Science	2	C
EED 105	Environmental Education Methods	2	C
EED 107	Biometrics	2	C
EED 109	Introductory Techniques in Environmental Science	2	C
EED 111	History and Philosophy of the Environment	2	C
BIO 101	Basic Biology I	3	C
BIO 107	Experimental Biology I	1	C
GNS 101	Use of English I	2	R
GNS 103	Use of Library	1	R
Total		23	

100 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 104	Educational Psychology	2	C
EDU 110	Introduction to the History and Policy of Education	2	C
EDU 112	History and Philosophy of Science	2	C
EDU 114	Peace Studies and Conflict Resolution	2	C
EDT 104	Computers in Education	2	C
EED 102	Ecological Biometrics	2	C
EED 104	Global Environmental Concern	2	C
EED 106	Planning Process and Strategies in Environmental Management	2	C
BIO 102	Basic Biology II	3	C
BIO 108	Experimental Biology II	1	C
GNS 102	Use of English II	2	R
GNS 104	Nigeria Peoples and Culture	2	R
Total		24	

200 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 201	Principles and General Methods of Teaching (Special Methods I)	2	C
EED 201	Environment and Development	2	C
EED 203	Nigeria Environmental Concern	2	C
EED 205	Sustainable Agricultural Policies	2	C
EED 207	Environmental Conservation and Management	2	C
EED 209	Education and Environmental Change	2	C
BIO 201	General Ecology	2	C
BIO 207	Introductory Genetics & Cell Biology	2	C
BIO 209	Chordate	2	C
GNS 203	Introduction to Entrepreneurial Skills	2	R
GNS 211	Basic French	2	R
Total		22	

200 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 202	Subject Methods (Special Methods II)	2	C
EDU 216	Educational Technology	2	C
EED 202	Environmental Disaster and Management	2	C
EED 204	Environment and Politics	2	C
EED 206	Forest and Wildlife Conservation	2	C
CSC 222	Application of Computer to Education	2	C
BIO 202	Biological Techniques	2	C
BIO 206	Hydrobiology	2	C
BIO 212	Cell Physiology	2	C
GNS 204	Logic and Philosophy	2	R
GNS 212	Introduction to Information and Communication Technology	2	R
TOTAL		22	

300 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 301	Teaching Practices I	3	C
EDU 303	Test, Measurement and Educational Statistics	2	C
EDU 305	Research Methods	3	C
EDU 309	Curriculum and Instruction I	2	C
EED 301	Foundation of Environmental Education	2	C
EED 303	Bio-diversity	2	C
EED 305	Environmental Safety	2	C
EED 307	Environmental Perception and Behaviour	2	C
BIO 301	Genetics II	2	C
BIO 307	Soil Science	2	C
	Total	22	

300 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 306	Special Education	2	C
EDU 308	Educational Administration and Planning	2	C
EDU 310	Curriculum and Instruction II	2	C
EED 302	Environmental Resources	2	C
EED 304	Environmental Health	2	C
EED 306	Ecosystem in the Natural Environment	2	C
EED 308	Mineral Exploration and Impact on Environment	2	C
BIO 304	Evolution	3	C
ZOO 302	Comparative Animal Physiology	3	C
ZOO 304	Basic Entomology	3	C
	Total	23	

400 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 403	Seminar in Education	2	C
EDU 405	Science, Technology, Society	2	C
EDU 409	Teaching Practice II	3	C
EED 401	Quantitative Techniques in Environmental Education	2	C
EED 403	Environmental Pollution	2	C
EED 405	Human Ecology	2	C
EED 407	Environmental Ethics	2	C
EED 409	Environmental, Non-governmental and Multi-governmental Organizations	2	C
BIO 417	Population Ecology	2	C
ZOO 411	Animal Ecology	3	C
	Total	22	

400 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 414	Research Project in Education	4	C
EDU 416	Guidance and Counseling	2	C
EDU 418	Special Methods III (Post Teaching Practice Evaluation and Remediation)	2	C
EED 402	Techniques in Environmental Impact Analysis	2	C
EED 404	Women and Environment	2	C
EED 406	Environmental Law	2	C
EED 408	Climatic Changes and Eco-Management	2	C
BIO 420	Conservation & Development of Natural Resources	2	C
PBO 402	Plant Ecology	3	C
	Total	21	

Curriculum for B.Sc. (Ed.) Environmental Education (Chemistry Option)**100 Level Harmattan Semester**

Course Code	Course Title	Units	Status
EDU 101	Introduction to the Teaching Profession	2	C
EDU 103	Foundations of Education	2	C
EED 101	Fundamentals of Environmental Education	2	C
EED 103	Introduction to Environmental Science	2	C
EED 105	Environmental Education Methods	2	C
EED 107	Biometrics	2	C
EED 109	Introductory Techniques in Environmental Science	2	C
EED 111	History and Philosophy of the Environment	2	C
CHM 101	General Chemistry I	3	C
CHM 107	Experimental Chemistry I	1	C
GNS 101	Use of English I	2	R
GNS 103	Use of Library	1	R
	Total	23	

100 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 104	Educational Psychology	2	C
EDU 110	Introduction to the History and Policy of Education	2	C
EDU 112	History and Philosophy of Science	2	C
EDU 114	Peace Studies and Conflict Resolution	2	C
EDT 104	Computers in Education	2	C
EED 102	Ecological Biometrics	2	C
EED 104	Global Environmental Concern	2	C
EED 106	Planning Process and Strategies in Environmental Management	2	C
CHM 102	General Chemistry II	3	C
CHM 108	Experimental Chemistry II	1	C
GNS 102	Use of English II	2	R
GNS 104	Nigeria Peoples and Culture	2	R
	Total	24	

200 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 201	Principles and General Methods of Teaching (Special Methods I)	2	C
EED 201	Environment and Development	2	C
EED 203	Nigeria Environmental Concern	2	C
EED 205	Sustainable Agricultural Policies	2	C
EED 207	Environmental Conservation and Management	2	C
EED 209	Education and Environmental Change	2	C
CHM 205	Physical Chemistry I	2	C
CHM 207	Inorganic Chemistry I	2	C
CHM 215	Analytical Chemistry	2	C
GNS 203	Introduction to Entrepreneurial Skills	2	R
GNS 211	Basic French	2	R
Total		22	

200 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 202	Subject Methods (Special Methods II)	2	C
EDU 216	Educational Technology	2	C
EED 202	Environmental Disaster and Management	2	C
EED 204	Environment and Politics	2	C
EED 206	Forest and Wildlife Conservation	2	C
CSC 222	Application of Computer to Education	2	C
CHM 202	Organic Chemistry I	2	C
CHM 206	Spectroscopy	2	C
CHM 208	Physical Chemistry II	2	C
GNS 204	Logic and Philosophy	2	R
GNS 212	Introduction to Information and Communication Technology	2	R
TOTAL		22	

300 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 301	Teaching Practices I	3	C
EDU 303	Test, Measurement and Educational Statistics	2	C
EDU 305	Research Methods	3	C
EDU 309	Curriculum and Instruction I	2	C
EED 301	Foundation of Environmental Education	2	C
EED 303	Bio-diversity	2	C
EED 305	Environmental Safety	2	C
EED 307	Environmental Perception and Behaviour	2	C
CHM 303	Organic Chemistry II	2	C
CHM 307	Polymer Chemistry	2	C
	Total	22	

300 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 306	Special Education	2	C
EDU 308	Educational Administration and Planning	2	C
EDU 310	Curriculum and Instruction II	2	C
EED 302	Environmental Resources	2	C
EED 304	Environmental Health	2	C
EED 306	Ecosystem in the Natural Environment	2	C
EED 308	Mineral Exploration and Impact on Environment	2	C
CHM 402	Nuclear and Radiochemistry	2	C
CHM 404	Organic Synthesis	2	C
CHM 410	Environmental Chemistry	2	C
CHM 414	Fats and Oils	2	C
	Total	22	

400 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 403	Seminar in Education	2	C
EDU 405	Science, Technology, Society	2	C
EDU 409	Teaching Practice II	3	C
EED 401	Quantitative Techniques in Environmental Education	2	C
EED 403	Environmental Pollution	2	C
EED 405	Human Ecology	2	C
EED 407	Environmental Ethics	2	C
EED 409	Environmental, Non-governmental and Multi-governmental Organizations	2	C
CHM 401	Instrumental Analytical Methods	2	C
CHM 411	Electrochemistry	2	C
	Total	21	

400 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 414	Research Project in Education	4	C
EDU 416	Guidance and Counseling	2	C
EDU 418	Special Methods III (Post Teaching Practice Evaluation and Remediation)	2	C
EED 402	Techniques in Environmental Impact Analysis	2	C
EED 404	Women and Environment	2	C
EED 406	Environmental Law	2	C
EED 408	Climatic Changes and Eco-Management	2	C
CHM 420	Macromolecular Chemistry II	2	C
CHM 430	Organometallic Chemistry	2	C
	Total	20	

Curriculum for B.Sc. (Ed.) Environmental Education (Physics Option)

100 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 101	Introduction to the Teaching Profession	2	C
EDU 103	Foundations of Education	2	C
EED 101	Fundamentals of Environmental Education	2	C
EED 103	Introduction to Environmental Science	2	C
EED 105	Environmental Education Methods	2	C
EED 107	Biometrics	2	C
EED 109	Introductory Techniques in Environmental Science	2	C
EED 111	History and Philosophy of the Environment	2	C
PHY 101	General Physics I	3	C
PHY 107	Experimental Physics I	1	C
GNS 101	Use of English I	2	R
GNS 103	Use of Library	1	R
	Total	23	

100 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 104	Educational Psychology	2	C
EDU 110	Introduction to the History and Policy of Education	2	C
EDU 112	History and Philosophy of Science	2	C
EDU 114	Peace Studies and Conflict Resolution	2	C
EDT 104	Computers in Education	2	C
EED 102	Ecological Biometrics	2	C
EED 104	Global Environmental Concern	2	C
EED 106	Planning Process and Strategies in Environmental Management	2	C
PHY 102	General Physics II	3	C
PHY 108	Experimental Physics II	1	C
GNS 102	Use of English II	2	R
GNS 104	Nigeria Peoples and Culture	2	R
	Total	24	

200 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 201	Principles and General Methods of Teaching (Special Methods I)	2	C
EED 201	Environment and Development	2	C
EED 203	Nigeria Environmental Concern	2	C
EED 205	Sustainable Agricultural Policies	2	C
EED 207	Environmental Conservation and Management	2	C
EED 209	Education and Environmental Change	2	C
PHY 215	Elementary Modern Physics I	3	C
PHY 219	Properties of matter	2	C
GNS 203	Introduction to Entrepreneurial Skills	2	R
GNS 211	Basic French	2	R
	Total	21	

200 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 202	Subject Methods (Special Methods II)	2	C
EDU 216	Educational Technology	2	C
EED 202	Environmental Disaster and Management	2	C
EED 204	Environment and Politics	2	C
EED 206	Forest and Wildlife Conservation	2	C
CSC 222	Application of Computer to Education	2	C
PHY 204	Elementary Modern Physics II	3	C
PHY 206	Electric Circuit & Electronics	3	C
PHY 212	General Physics III (Energy & Environment)	1	C
GNS 204	Logic and Philosophy	2	R
GNS 212	Introduction to Information and Communication Technology	2	R
	TOTAL	23	

300 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 301	Teaching Practices I	3	C
EDU 303	Test, Measurement and Educational Statistics	2	C
EDU 305	Research Methods	3	C
EDU 309	Curriculum and Instruction I	2	C
EED 301	Foundation of Environmental Education	2	C
EED 303	Bio-diversity	2	C
EED 305	Environmental Safety	2	C
EED 307	Environmental Perception and Behaviour	2	C
PHY 323	Solid State Physics I	3	C
PHY 309	Electronics	2	C
	Total	23	

300 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 306	Special Education	2	C
EDU 308	Educational Administration and Planning	2	C
EDU 310	Curriculum and Instruction II	2	C
EED 302	Environmental Resources	2	C
EED 304	Environmental Health	2	C
EED 306	Ecosystem in the Natural Environment	2	C
EED 308	Mineral Exploration and Impact on Environment	2	C
PHY 302	Atomic Physics	2	C
PHY 332	Environmental Physics	2	C
PHY 422	Statistical and Thermal Physics	3	C
	Total	21	

400 Level Harmattan Semester

Course Code	Course Title	Units	Status
EDU 403	Seminar in Education	2	C
EDU 405	Science, Technology, Society	2	C
EDU 409	Teaching Practice II	3	C
EED 401	Quantitative Techniques in Environmental Education	2	C
EED 403	Environmental Pollution	2	C
EED 405	Human Ecology	2	C
EED 407	Environmental Ethics	2	C
EED 409	Environmental, Non-governmental and Multi-governmental Organizations	2	C
PHY 423	Solid State Physics II	3	C
PHY 315	Nuclear & Particle Physics I	2	C
	Total	22	

400 Level Rain Semester

Course Code	Course Title	Units	Status
EDU 414	Research Project in Education	4	C
EDU 416	Guidance and Counseling	2	C
EDU 418	Special Methods III (Post Teaching Practice Evaluation and Remediation)	2	C
EED 402	Techniques in Environmental Impact Analysis	2	C
EED 404	Women and Environment	2	C
EED 406	Environmental Law	2	C
EED 408	Climatic Changes and Eco-Management	2	C
PHY 410	Nuclear and Particle Physics II	2	C
PHY 426	Vibration and Waves	2	C
	Total	20	

B.Sc. (Ed.) ENVIRONMENTAL EDUCATION CCMAS Curriculum**100 LEVEL HARMATTAN SEMESTER**

Course code	Course Title	Units	Status	LH	PH
GST 111	Communication in English	2	C	15	45
BIO 101	General Biology I	2	C	30	
BIO 107	General Biology Practical I	1	C	-	45
CHM 101	General Chemistry I	2	C	30	-
CHM 107	General Chemistry Practical I	1	C	-	45
COS 101	Introduction to Computing Sciences	3	C	30	-
EDU 101	Introduction to Teaching and Foundation of Education	2	C	30	-
EED 111	Foundation of Environmental Education	2	C	30	-
MTH 101	Elementary Mathematics I	2	C	30	-
PHY 101	General Physics I	2	C	30	-
PHY 107	General Physics Practical I	1	C	-	45
Total		20			

100 LEVEL RAIN SEMESTER

Course Code	Course Title	Units	Status	LH	PH
GST 112	Nigerian Peoples and Culture	2	C	30	-
BIO 102	General Biology II	2	C	30	
BIO 108	General Biology Practical II	1	C	-	45
CHM 102	General Chemistry II	2	C	30	-
CHM 108	General Chemistry Practical II	1	C	-	45
MTH 102	Elementary Mathematics II	2	C	30	-
PHY 102	General Physics II	2	C	30	-
PHY 108	General Physics Practical II	1	C	-	45
UNIOSUN – EED 110	Introduction to Environmental Sustainability	2	C	30	-
UNIOSUN – EED 112	Environment, Development & Society	2	C	30	-
Total		17		300	45