



جمهورية السودان
REPUBLIC OF THE SUDAN

جامعة جوبا

UNIVERSITY OF JUBA



Certificate No. 751

Student No. University of Juba
04-118593
Secretariat for Academic Affairs

TRANSCRIPT

This is to Certify that **Gano James Outougo Simon (Sudanese National)** was admitted in the **College of Applied and Industrial Sciences** on **01 November 2004** He/She has been awarded the degree of **B.Sc. (Honours)** in **Pulp and Paper** (**Class Three**) on **26 February 2011** after having successfully completed the prescribed courses as shown below :

Semester ONE

Course Name	CHours	Grade
Practical Biology I	1	D
Biology I	3	C+
Physics I	3	D
Mathematics I	4	C
Mathematics II	4	C
English I	2	B
Arabic I	2	B
Chemistry I	3	C
Sudan Foundation I	2	C
Practical Chemistry I	1	B+
Practical Physics I	1	A

CH 26 POINT 57 GPA 2.19

CCH 26 CPOINT 57 CGPA 2.19

Semester THREE

Course Name	CHours	Grade
Histology	2	C*
Chemo-taxonomy	2	D
Practical Biology I	2	D
Stereochemistry	2	D
Inorganic Bonding I	2	B+
Practical Chemistry I	2	B
Calculus and Applications	3	C*
Ordinary Differential Equations I	3	C*
Heat	2	C*
Optics	2	C*
Practical Physics I	2	C*
Arabic I	2	C+
English I	2	B
Probability and Statistics I	3	C*

CH 31 POINT 64 GPA 2.06

CCH 83 CPOINT 180.5 CGPA 2.17

Semester TWO

Course Name	CHours	Grade
Arabic II	2	C+
Mathematics III	4	C
Chemistry II	3	C
Biology II	3	B
Physics II	3	B
English II	2	D
Practical Chemistry II	1	B+
Mathematics IV	4	C+
Practical Physics II	1	D
Practical Biology II	1	C
Sudan Foundation II	2	C

CH 26 POINT 59.5 GPA 2.29

CCH 52 CPOINT 116.5 CGPA 2.24

Semester FOUR

Course Name	CHours	Grade
Cytology	2	C+
Plant Anatomy and Physiology	2	C+
Practical Biology II	2	C+
Thermodynamics	2	C
Chemometrics	2	C*
Practical Chemistry II	2	C
Functions of Several Variables	3	C
Linear Algebra	3	C
Probability and Statistics II	3	C
Mechanics	2	B
Electricity and Magnetism	2	C+
Practical Physics II	2	B
Arabic II	2	B
English II	2	B+

CH 31 POINT 75 GPA 2.42

CCH 114 CPOINT 255.5 CGPA 2.24

Semester FIVE

Course Name	CHours	Grade
Organic Molecular Types	3	D
Biomolecules	2	D
Instrumental Analysis I	2	B+
Solutions and Phase Equilibrium	2	C
Reaction Rates	2	D
Vector Analysis	3	D
Ordinary Differential Equations II	3	D
Computer Science I	3	B
Stoichiometry	2	C
Fluid, Heat and Mass Transfer I	2	D
Carbohydrates and Cellulose Chemistry	2	B+
Practical Paper and Pulp I	6	B

CH	32	POINT	64	GPA	2.00
CCH	146	CPOINT	319.5	CGPA	2.19

Semester SEVEN

Course Name	CHours	Grade
Coordination Chemistry I	2	C
Heterocyclic Chemistry	2	B
Instrumental Analysis II	2	B
Partial Differential Equations	3	C
Statistical Methods	3	C
Numerical Solution of Differential Equations	3	D
Pulp Process	2	A
Practical Paper and Pulp III	6	A
Fiber Properties and Behaviour of Containers	2	A

CH	25	POINT	71	GPA	2.84
CCH	201	CPOINT	471	CGPA	2.34

Semester NINE

Course Name	CHours	Grade
Coating and Printing	2	A
Forest Management	2	B
Natural Product Types	2	C
Polymer Chemistry	2	C
Water Aspects of Paper Making II	2	B+

CH	10	POINT	29	GPA	2.90
CCH	235	CPOINT	558	CGPA	2.37

Semester SIX

Course Name	CHours	Grade
Organic Reaction types	3	C
Electrochemistry I	2	B
Spectroscopic Methods	2	B
Mathematical Methods I	3	B
Numerical Analysis	3	C*
Computer Science II	3	C+
Fluid, Heat, and Mass Transfer II	2	C
Unit Operations	2	C
Molecular Physics	2	B
Lignin Chemistry and Wood Structure	2	A
Practical Paper and Pulp II	6	B

CH	30	POINT	80.5	GPA	2.68
CCH	176	CPOINT	400	CGPA	2.27

Semester EIGHT

Course Name	CHours	Grade
Electrochemistry II	2	D
Surface and Colloid Chemistry	2	D
Instrumental Analysis III	2	B
Organometallic Chemistry	3	C
Mathematical Methods II	3	D
Solid State Physics I	2	C
Colloidal Chemistry and Paper Making	2	B+
Practical Paper and Pulp IV	6	A
Water Aspects in Paper Making I	2	C

CH	24	POINT	58	GPA	2.42
CCH	225	CPOINT	529	CGPA	2.35

Semester TEN

Course Name	CHours	Grade
Paper Rechclng Processes	2	B+
Industrial Economics	2	B
Pericyclic Reaction and Photochemistry	2	C
Mechanical Behaviour of Containers	2	A
Research Project	4	A
Special Processes	2	B

CH	14	POINT	47	GPA	3.36
CCH	249	CPOINT	605	CGPA	2.43

Note A=4; B+=3.5; B=3; C+=2.5; C=2; D=1; F=0;

* = Supplementary

** = Substitute

Abd Elmajed Mohammed Altayeb

A/Registrar

Dr. Tarig Osman Khider

Dean

Dr. James Odra Galla

Secretary for Academic Affairs

E-mail: info@juba.edu.sd
Fax: 00249 183 (222142)

Tel.: 00249 183 (222120) Academic Affairs
P.O.Box : 12327 Khartoum - Sudan