



UNIVERSITY OF NATAL

GRADUATION CEREMONY

1981

THURSDAY 2nd APRIL

8.00 p.m.

PIETERMARITZBURG

PROGRAMME

The Chancellor constitutes the congregation

PRAYER

Dr J. N. Jonsson
Dip.Th.(Spurgeons College). B.D.
(Lond.). B.A. Hons., M.A., Ph.D.(Natal)

WELCOME TO GUESTS

The Acting Principal

PRESENTATION OF THE GRADUANDS

The Deans of Faculties

UNIVERSITY CHOIR

(Drums: Emmerich; Trumpets: Jones, Warricker,
Lindsay, Boschhoff, Irvine).

Conductor: Pessa Weinberg M.Mus. (S.A.).L.T.C.L.

Spanish Love Dance. Arr. R. Wagner
(Baile de Gaita) & F. Ahrold
To Maelzel. Beethoven

HONORARY DEGREE

The Orator presents the Honorary Graduand

Robert Craig

Doctor of Laws

ADDRESS

The Reverend Professor Robert Craig C.B.E.
B.D., M.A., Ph.D. (St. Andrews)
S.T.M. (Union Theol. Sem., New York)
Hon. D.D. (St Andrews)
Hon. LL.D. (Witwatersrand)
Hon. LL.D. (Birmingham)

The Chancellor dissolves the congregation

Refreshments will be served in the William O'Brien Dining Hall after the ceremony.

The congregation is requested to stand while the academic procession enters and leaves the hall.

Only officially authorised persons are permitted to take photographs during the ceremony.

OFFICERS

Chancellor: B. A. Armitage

L.D.S., R.C.S.(Edin.), L.R.C.P. & S.(Edin.),
L.R.F.P.S.(Glas.), F.R.C.S.(Edin.), M.D.(Natal) honoris causa

Acting Principal: P. de V. Booysen

M.Sc.Agric., (Natal), Ph.D.(Calif.)

Chairman of Council: L. S. Robinson

LL.D. (Natal) honoris causa

Vice-Principal: G. D. L. Schreiner

B.Sc.(Witwatersrand), M.A., Ph.D.(Cantab.)

President of Convocation: M. J. Dubois

B.A. Hons., LL.B.(Natal)

Assisted by Mr J. G. Riekert

B.A., LL.B.(Natal)

Orator: M. M. Henderson

B.A. Hons(Rhodes), M.A.(Oxon)

Registrar: A. K. B. Skinner

DEANS OF FACULTIES

Law: J.R.L. Milton

B.A., LL.M., Ph.D.(Natal)

Science: S.E. Drewes

M.Sc. D.Sc., (Natal)

Ph.D.(Rhodes), C.Chem., F.R.I.C.

BACHELOR OF SCIENCE

Abrahams , Gemey Valentine	Levy , Clive
Auret , Colin Douglas	Macklin , Judy Grace
Barraclough , David Andrew (Entomology, Zoology)	Maynier , Simon John
Benic , Linda Mirjana	McGibbon , Carolyn Jane Dunton
Black , Merton Alexander	Metherell , Aileen Denise
Böhm , Margaret (Geography)	Meyer , Lorraine
Bolt , Patricia Lesley	Millin , Philip
Bowland , Anthony Ernest B.Com.(Hons.) (Rhodes)	Mitchell , Jennifer Jean
Bristow , Dennis Mark	Mooney , Pauline Anne
Brown , Wendy Ann	Müller , Marguerite
Buchanan , Janet Anne	Murgatroyd , Eileen (Mathematics, Statistics)
Chetty , Kamalassen	Noel , Darwin John Robert
Clarke , Jennifer	Osberg , Deborah Carol
Cluett , Alan Douglas	Peddemors , Victor Marten
Cohen , Janice Adele	Perrett , Kim Roger (Chemistry)
Cook , Elizabeth Louise	Pitcher , Grant Colborne
Cowie , Wendy Susan	Posthumus , David Humphries
Cranswick , Leigh	Proctor , Brett Wayne
de Leeuw , Gerard	Raffray , Caroline Marie Valentine
de Vos , Peter William	Richardson , Susan Marjory
Draper , Susan Irene	Robertson , Ellice Balfour
Duff , Gavin James	Rothschild , Gavin Paul
Dustan , Elizabeth Anne	Sclater , Alasdair Duncan
Emanuel , Bruce Philip	Seagrief , John McGregor
Erasmus , Duonne Matthew (Soil Science)	Seligmann , Philip
Fenelon , Janine (Chemistry)	Sewcharan , Rajkumar
Gibbons , Faye Carolyn	Shawe , Judy Irene
Griffiths , Martyn Fraser	Siedersleben , Matthias Ernst (Chemistry, Physics)
Grout , Timothy Gordon (Entomology)	Simpson , Karen Elizabeth
Gunn , Steven William	Skelton , Constance Francis
Hamilton , Rosemary Claire (Zoology)	Slatter , Anne Elizabeth
Hancock , Michael Stanley	Slatter , Jill (Chemistry)
Harper , Ian Steward	Smith , Carrie Roslyn
Harries , Jennifer Sandra	Smith , Sharon Lee
Harrilal , Rishamoney	Stapleton , Carol Trudy
Harrison , Gavin Campbell Haddrell	Still , Margaret Jane
Haupt , Lola Anneé	Stuckenberg , Ingrid Cicily Dicta
Hawksworth , Jenny Lynn	Swart , Denis Edwin
Hay , Duncan Gilmour	Tate , Janet (Chemistry, Physics)
Heath , Kathryn Elizabeth	Tourle , Helen Margaret
Hedden , Amanda Rigsby	Tunnington , David Phillip
Hendrikz , Neil John	Twaddle , Ian Gordon
Houston-McMillan , Mark Stewart	van Eck , Colin
Jay , Philippa Mariann	van Eijk , Karin
Johnson , Michael Bruce	Veysie , Michael Clifford
Kennedy , Jane Mary	Ward , Mark Charles
Kippen , Debra June	Weller , Ann Rosalind Mary (Physics)
Kirkman , William Donald	Wells , Michelle Teresa Bernadette
Köhler , Susan Margaret	Williams , Anthony Peter
Learmonth , Robin Alec (Chemistry)	Woods , Patricia Ruth
Lee , Ivan Godfrey	Wright , Janet Elizabeth

Major subjects which candidates have passed in the First Class are shown after their names.

BACCALAUREUS PROCURATIONIS

Beer, Robert John
Hellhoff, Margot Ilse
Houston-McMillan, Maureen Elizabeth
Jugath, Anandhpal Lallay
Louw, Renée

Morgan, Deborah Louise
Smith, Laurence Owen
van Rooyen, Peter Edward
von der Decken, Brian Henry

BACHELOR OF LAWS

Arnold, Anthony Christopher, B.Proc.
Bezuidenhout, Pieter Cornelius, B.Com.
Braithwaite, Richard Lister, B.A.
Briers, Margaretha Susan, B.A.(Pret.)
Campbell, Garry John, B.Com.
Carr, Johnathan Fraser, B.A.
Foxcroft, Miles Paul, B.A.
Hamilton, Bruce Graeme, B.A.
Harris, Mark Russell, B.A.
Jaichand, Vinodh, B.A. (U.D.W.)
Krog, Martin Willment, B.A.
Lee, Redvers John, B.A.

Macnab, Guy Neil, B.A.
Overbury, George Leonard Strickland, B.A.
Perry, Richard John Stanley, B.A.
Scott Barnes, Timothy Craig, B.A.
Stewart, Roderick Alexander, B.A.
Stoppel, Peter Heinrich Gustav, B.A.
Tatham, Nigel Raymond, B.A. (Cape Town)
Thakurdin, Rishi, B.A. (U.D.W.)
van Zyl, Johan Frederick, B.A. (Rhodes)
Wallace, Patricia Anne, B.A.
Weeks, Peter John Fraser, B.A.
Wood, Charles Barry, B.A.

BACHELOR OF SCIENCE (HONOURS)

	<i>Discipline</i>
Ameer , Farouk, B.Sc.	Chemistry
Baker , Susan Delia, B.Sc.	Chemistry
Berghammer , Christa Ute, B.Sc.	Genetics
Chalmers , Heather Denise, B.Sc.	Entomology
Cooke , Phillippa Moira, B.Sc.	Chemistry
* Dix , Dudley Lester, B.Sc.	Botany
* Ducasse , Peter Barry, B.Sc.	Botany
English , John Michael, B.Sc.	Botany
* Erasmus , Daniel Jacobus, B.Sc.	Botany
Featonby-Smith , Bryan Charles, B.Sc.	Botany
* Forsyth , Clare, B.Sc.	Botany
Gardner , Margaret Ruth, B.Sc.	Geography
Graham , Denise Yvonne, B.Sc.	Entomology
* Harman , Mark Alastair James, B.Sc.	Zoology
* Herbert , Barbara Lucy, B.Sc.	Chemistry
Hudson , Neale Alan, B.Sc.	Chemistry
Irwin , David Vivian, B.Sc.	Zoology
Joyner , Sylvia Jean, B.Sc.	Microbiology/Plant Pathology
King , Eleanor Margaret, B.Sc.	Zoology
Komen , Joris, B.Sc.(R.A.U.)	Zoology
Kyriacou , Xenia Sophia, B.Sc.	Botany
Laing , Mark Delmege, B.Sc.	Microbiology/Plant Pathology
le Roux , William John, B.Sc.	Psychology
Macleod , Duncan Boardman, B.Sc.	Geology
Mann , Robert Leigh Fleetwood, B.Sc.	Chemistry
Marchant , Lesley Janet Dixon, B.Sc.	Entomology
Marot , Jennifer Elaine Beatrice, B.Sc.	Geology
* Martin , Timothy John, B.Sc.	Zoology
* Degree awarded in the First Class.	

	<i>Discipline</i>
Maule , Fiona Denise, B.Sc.	Botany
McLaren , Neal Wynne, B.Sc.	Microbiology/Plant Pathology
Naidoo , Poonsamy, B.Sc.	Chemistry
Page , Yvonne Margaret, B.Sc.	Botany
Paxton , Linda Janet, B.Sc.	Zoology
Richardson , Eleanor Judith, B.Sc.	Zoology
Ross , David Charles, B.Sc.	Biochemistry
Rossiter , Richard David, B.Sc.	Geology
Sampson , Clifford Noel, B.Sc.	Chemistry
Smit , Diana Norah, B.Sc.	Chemistry
* Steer , Lynne Margaret, B.Sc.	Chemistry
Swart , Stephen, B.Sc.	Chemistry
Uys , Winifred Annie, B.Sc.	Entomology
van Wyk , Arlene Collette, B.Sc.	Zoology
Wallace , Brian Walter, B.Sc.	Chemistry
Watson , Janet Sandra, B.Sc.	Physics
Weiler , Solly, B.Sc.	Biochemistry
Wilkinson , Peter Myles, B.Sc.	Microbiology/Plant Pathology
Williams , Rosemary, B.Sc.	Botany
Wright , Alan Hugh, B.Sc.	Geology

* Degree awarded in the First Class.

MASTER OF LAWS

	<i>Discipline</i>
Borrowdale , Andrew, B.A.(Hons.), LL.B.	Law

MASTER OF SCIENCE

	<i>Discipline</i>
† Austin , Nancy Elizabeth Hammar, B.A. (Colby College)	Botany
Choveaux , Nora Anne, B.Sc.(Hons.)	Botany
Couperthwaite , Clive David, B.Sc., B.Ed.	Psychology
† Cyrus , Digby Paul, B.Sc.(Hons.)	Zoology
0 Gathercole , Judith B.Sc. (Hons.)	Psychology
Langley , Robert William, B.Sc.(Hons.)	Botany
Mackechnie , Brenda, B.Sc.(Hons.)	Physics
Smith , Dianne Mary Noelle, B.Sc.(Hons.)	Botany
Steyn , Danile, B.Sc. (Hons.)	Natural Resources
Taylor , Richard Hilton, B.Sc.(Hons.)	Zoology

† Degree awarded with distinction

0 Qualified as an Industrial Psychologist

DOCTOR OF PHILOSOPHY IN THE FACULTY OF SCIENCE

	<i>Discipline</i>
Armstrong , Neville Vaughan, M.Sc.	Geology
The Geology and Geochemistry of the Nsuzze Group in Northern Natal and the Southeastern Transvaal.	
Bernard , Richard Thomas Firth, M.Sc.	Zoology
Female reproduction in five species of Natal cave-dwelling Microchiroptera.	
Bourquin , Ortwin, M.Sc.	Zoology
Biology of the Quail (<i>Coturnix coturnix</i> Linnaeus 1758).	
de Figueiredo , Isabel Maria Braz, M.Sc.	Physics
A theoretical investigation of differential light scattering.	

- Dippenaar, Nicolaas Jacobus, M.Sc.** Zoology
 A taxonomic revision of the *Monax-Dolichura*, *Luna-*
Fumosa, *Glassi* and *Zaodon-Poensis* complexes of
 Afrotropical *Crocidura* (Mammalia: Soricidae).
- Horak, Ivan Gerard, D.V.Sc.(Pret.)** Zoology
 The incidence of Helminths in pigs, sheep, cattle, Impala
 and Blesbok in the Transvaal.
- Kenmuir, Dale Harold Stafford, B.Sc.(Hons.)** Zoology
 Aspects of the biology and population dynamics of Freshwater
 Mussels in Lake Kariba and Lake McIlwaine.
- Kok, Hendrik Matthews, B.Sc.(Hons.)** Zoology
 Ecological studies of some important fish species of the
 Pongola Floodplain, KwaZulu, South Africa.
- McMahon, Martin, B.Sc.(Hons.)** Chemistry
 Cyclopentadienyl derivatives of Molybdenum (II) and
 Molybdenum (IV).
- Müller, Fritz Hans, Dipl.Phys.(E.T.H., Zürich)** Physics
 Precise interferometric measurements of optical wavelengths.
- Steen, Nicholas David Charles Tulloch, M.Sc.** Chemistry
 Metal Cluster compounds of Rhodium, Iridium and Iron.
- von Bergmann, Hubertus Michael Dipl.Phys. (Kiel)** Physics
 Photo-Preionization stabilized high-pressure glow-
 discharge lasers.
- Zelt, George Albert Daniel, B.S. (Utah State),**
 Magister and Licentiate of Philosophy (Helsinki) Geology
 A Geotraverse across Namaqualand, South Africa:
 the Petrology, Geochemistry, and Structural Rela-
 tions of a Proterozoic High-Grade Metamorphic
 Terrain.

**CONFERMENT OF THE DEGREE OF
DOCTOR OF LAWS
HONORIS CAUSA UPON:**

ROBERT CRAIG



Robert Craig was born on the 22nd March, 1917 in Markinch, Fife, Scotland. He attended local schools and proceeded to St. Andrews University, graduating in 1938 with an M.A. in Philosophy, and in 1941 as a Bachelor of Divinity with distinction in Systematic Theology and the A.H. Johnstone Medal as the best student in the Faculty. He was appointed Assistant Minister of St. John's Kirk in Perth in that year, and in 1942 was ordained a Minister in the Church of Scotland. As chaplain in the 15th (Scottish) Division from 1942 to 1947, he served in Europe, Egypt and Palestine, and was mentioned in despatches during his service in Normandy in June 1944. In 1947 on leaving the army, he was appointed Honorary Chaplain to the Forces and spent 1947-1948 as Hugh Black Fellow in Systematic Theology at the Union Theological Seminary in New York, graduating from there S.T.M. *magna cum laude*, and later taking his Ph.D. at St. Andrews. After a period as deputy leader of the Iona Community he was appointed in 1950 to the Department of Divinity in Natal University, and to the Chair of Divinity in 1954.

From 1958 he was Associate Professor of Religion in Smith College, Massachusetts, whence he returned to Africa in 1963 to become Professor of Theology at the University College of Rhodesia and Nyasaland, being appointed Dean of the Faculty of Arts in 1966 and Principal in 1969, and first Principal of the University of Rhodesia in 1970, from which post he retired in 1980. A distinguished scholar and theologian, he holds honorary doctorates from St. Andrews, Witwatersrand, Birmingham, and in May 1981 will be honoured with an honorary doctorate from the University of Zimbabwe. He is now Minister of St. Andrew's Church of Scotland in Jerusalem.

Robert Craig is honoured by the University of Natal for his outstanding achievement in administering a multi-racial University with great skill and tact, and his significant contribution to tolerant human relations between the races and to the pursuit of academic work.

UNIVERSITY PRAYER

Oremus:

Oremus pro hac Universitate:

Deus Omnipotens, cuius aeternam gloriam caeli stellis fulgentibus semper enarrant, duc nos, oramus, eisdem stellis ut omnes qui in hac Universitate gubernant, docent et discunt vera humilitate aeternam inveniant veritatem.

O Deus, Lux Mundi, Sapientia Aeterna, qui illuminat omnem hominem in mundum venientem, da ut haec Universitas, veritatem et lucem docens, thesaurus scientiae plenos imperat, et quasi lucerna luceat in terra nostra efficiatque populo cor sapiens, mentem sanam et voluntatem iustam.

Recordemur coram Deo Conditores et Benefactores nostros:

Magnus es et laudabilis valde, Domine, Omnipotens Deus animarum et omnis carnis! Gratias tibi et laudem agimus pro omnibus illis Conditoribus, Benefactoribus et Praeceptoribus qui ex hac vita excesserunt in Tuo servitio; opere in terra consummato requiescant in pace.

Et da, Domine ut nos, exemplo eorum incitati, bonum eorum opus fideliter continuemus.

Let us pray:

Let us pray for this University:

Almighty God, whose everlasting glory the heavens declare with their shining stars, lead us, we pray, by the same stars that all who govern, teach, and learn in this University may, in true humility, find eternal truth.

O God, Light of the World, Eternal Wisdom that enlightens every man that comes into the World, grant that this University, as it teaches truth and light, may impart the full treasures of knowledge, and be in our land a shining luminary and inspire in the people a heart of wisdom, a pure mind and a true sense of justice.

Let us remember before God our Founders and Benefactors:

Great art Thou and very worthy to be praised, O Lord, Thou who art the almighty God of spirits and of all flesh! We render thanks unto Thee and praise for all those Founders, Benefactors and Teachers, who departed this life in Thy service. Having fulfilled their work on earth may they rest in peace.

And grant, O Lord, that we, encouraged by their example, may faithfully continue their good work.

UNIVERSITY ANTHEM

Natale solum canimus
Qui sol adest faustissimus
Almamque matrem dicimus
Aurorae Stellam colimus.

*O vivas, in aeternum, vivas,
Alma mater, quae nos ditas,
Fove serva protege
Stella aurorae signum Natale.*

Hic juvenes addiscimus
Ad artes corda ferimus
Qui domus species sumus,
Quocumque nos dividimus.

Hinc etsi nos discedimus
Scottarum rus meminimus
Ad Umsinduzi tendimus
Mentesque saltem vertimus.

GAUDEAMUS IGITUR

Gaudeamus igitur, juvenes dum sumus; (Rep.)
Post jucundam juventutem, post molestam
senectutem,
Nos habebit humus, nos habebit humus.

Ubi sunt qui ante nos in mundo fuere? (Rep.)
Vadite ad superos transite ad inferos,
Ubi jam fuere, ubi jam fuere.

Vita nostra brevis est, brevi finietur: (Rep.)
Venit mors velociter, rapit nos atrociter,
Nemini parcetur, nemini parcetur.

Vivat Academia, Vivant Professores, (Rep.)
Vivat membrum quodlibet, vivant membra
quaelibet,
Semper sint in flore, semper sint in flore.

Vivant omnes virgines, faciles, formosae, (Rep.)
Vivant et mulieres, dulces et amabiles,
Bonae, laboriosae, bonae, laboriosae.

Vivat et respublica, et quae illam regit: (Rep.)
Vivat nostra civitas, Maecenatum caritas.
Quae nos hic protegit, quae nos hic protegit.

Pereat tristitia, pereant osores, (Rep)
Pereat diabolus, quivis antiburschius,
Atque irrisores, atque irrisores.

