

UNIVERSITY OF  
THE FREE STATE

REACH OUT · GET CONNECTED · TOUGH GREATNESS



FACULTY OF  
NATURAL AND  
AGRICULTURAL  
SCIENCES  
POSTGRADUATE STUDIES

20 22

T: +27 51 401 3000 | E: [ufsmarketing@ufs.ac.za](mailto:ufsmarketing@ufs.ac.za) | [www.ufs.ac.za](http://www.ufs.ac.za)

[f](#) UFSUV | [t](#) UFSweb | [v](#) UFSweb | [i](#) ufsuv

*Inspiring excellence. Transforming lives.*

**Kovsie**  
**2B**

UNIVERSITY OF THE  
FREE STATE  
UNIVERSITEIT VAN DIE  
VRYSTAAT  
YUNIBESITHI YA  
FREISTATA



**UFS**  
NATURAL AND  
AGRICULTURAL SCIENCES

Scan, click and  
EXPLORE more...



THE FOLLOWING PROGRAMMES ARE OFFERED ON THE BLOEMFONTEIN CAMPUS:

### POSTGRADUATE DIPLOMA IN:

Programme Description	Academic Plan Code	Duration	Contact session / Coursework	Part time (Block session)	Credits	Enquiries
Disaster Management	BC450025	1-2 years	Both	Yes	120	Dr Johannes Belle +27 51 401 9347 belleja@ufs.ac.za www.ufs.ac.za/dimtec
Integrated Water Management	BC450091	1 year	Both	Yes	120	Dr Marinda Avenant +27 51 401 2863 avenantmf@ufs.ac.za www.ufs.ac.za/cem
Sustainable Agriculture	BC550047	1 year	Both	Yes	136	Dr Ismari van der Merwe +27 51 401 2598 ivdmerwe@ufs.ac.za www.ufs.ac.za/sfsd

The Faculty of Natural and Agricultural Sciences consist of three research areas, namely:

- Natural Sciences,
- Agricultural Sciences, and
- Building Sciences.

For specific admission requirements to study any of the postgraduate diplomas, honours, master's, and doctoral degrees, consult the faculty website and the Rulebook of the Faculty of Natural and Agricultural Sciences at: <http://www.ufs.ac.za/natagri> or for academic advice, contact the programme director of the specific field of study as indicated below.

**If you need assistance to find the relevant person, please contact:**

Marketing Manager: Elfrieda Lötter T: +27 51 401 2531 | E: [lottere@ufs.ac.za](mailto:lottere@ufs.ac.za)

Manager: Teaching and Learning: Elzmarie Oosthuizen T +27 51 401 2934 |  
E: [oosthuizenem@ufs.ac.za](mailto:oosthuizenem@ufs.ac.za)

Faculty Manager: Tracy Isaacs T: +27 51 401 9423 | E: [isaacstl@ufs.ac.za](mailto:isaacstl@ufs.ac.za)

**IMPORTANT: Applicants must please contact the faculty/department/contact person in order to complete the departmental application/selection forms as well.**

### BACHELOR HONOURS DEGREE IN:

Programme Description	Academic Plan Code	Duration	Contact session / Coursework	Part time / Full time	Credits	Enquiries
Bachelor of Architecture Honours	BC460114	1 year	Contact session	Full time	160	Mr Kobus du Preez +27 51 401 2332 dpreezj@ufs.ac.za www.ufs.ac.za/architecture
Bachelor of Computer Information Systems Honours	BC460156	1 year full time or 2 years part time	Contact sessions and project	Both	128	Prof Lizette de Wet +27 51 401 3705 dwetl@ufs.ac.za Mr Jaco Marais +27 51 401 2929 maraisj@ufs.ac.za www.ufs.ac.za/csi
Bachelor of Science Honours in Consumer Studies	BC460023	1 year	Contact session	Full time	128	Dr Ismari van der Merwe +27 51 401 2598 ivdmerwe@ufs.ac.za www.ufs.ac.za/sfsd



Programme Description	Academic Plan Code	Duration	Contact session / Coursework	Part time / Full time	Credits	Enquiries
Bachelor of Spatial Planning Honours	BC460145	1 year full time or 2 years part time	Contact session (block sessions)	Compulsory block sessions	140	Dr Kgosi Mocwagae +27 51 401 2795 mocwagaeks@ufs.ac.za www.ufs.ac.za/urp
Bachelor of Spatial Planning Honours specialising in Human Settlements	BC460171	1 year full time or 2 years part time	Contact session (block sessions)	Compulsory block sessions	140	

## BACHELOR OF SCIENCE HONOURS MAJORING IN:

Programme Description	Academic Plan Code	Duration	Contact session	Part time / Full time	Credits	Enquiries
Actuarial Sciences	BC460010	1 year	Contact session	Full time	At least 120	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Agricultural Economics	BC460011	1 year	Contact session	Full time	At least 120	Dr Frikkie Maré +27 51 401 3220 marefa@ufs.ac.za www.ufs.ac.za/agricecon
Agrometeorology	BC460012	1 year	Contact session	Full time	At least 120	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Applied Statistics	BC460046	1 year	Contact session	Full time	At least 120	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Astrophysics	BC460017	1 year	Contact sessions and project	Full time	At least 120	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Behavioural Genetics	BC460018	1 year	Contact session	Full time	At least 120	Ms Zurika Murray +27 51 401 2776 murrayz@ufs.ac.za www.ufs.ac.za/genetics

Programme Description	Academic Plan Code	Duration	Contact session	Part time / Full time	Credits	Enquiries
Biochemistry	BC460019	1 year	Contact session	Full time	128	Dr Frans O'Neill +27 51 401 7553 oneillfh@ufs.ac.za www.ufs.ac.za/mb
Botany	BC460020	1 year	Contact session	Full time	At least 120	Prof Botma Visser +27 51 401 3278 visserb@ufs.ac.za www.ufs.ac.za/plant
Chemistry	BC460021	1 year	Contact sessions and project	Full time	At least 120	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Computer Science and Informatics	BC460022	1 year full time or 2 years part time	Contact sessions and project	Both	120	Prof Lizette de Wet +27 51 401 3705 dwetl@ufs.ac.za Mr Jaco Marais +27 51 401 2929 maraisj@ufs.ac.za www.ufs.ac.za/csi
Construction Management	BC460024	1 year full time or 2 years part time	Both	Both	136	Mrs Tascha Bremer +27 51 401 2996 bremert@ufs.ac.za www.ufs.ac.za/qscm
Data Science	BC460095	1 year full time or 2 years part time	Contact sessions and project	Both	At least 120	Prof Lizette de Wet +27 51 401 3705 dwetl@ufs.ac.za Mr Jaco Marais +27 51 401 2929 maraisj@ufs.ac.za www.ufs.ac.za/csi
Entomology	BC460027	1 year	Contact sessions and project	Full time	At least 120	Dr Candice J van Rensburg +27 51 401 9537 jvrensc@ufs.ac.za Dr Charles Haddad +27 51 401 2568 haddadcr@ufs.ac.za www.ufs.ac.za/ze
Environmental Geology	BC460028	1 year	Contact sessions and project	Full time	At least 120	Mrs Justine Magson +27 51 401 2373 Markramj1@ufs.ac.za www.ufs.ac.za/geology
Environmental Sciences	BC460062	1 year	Contact sessions and project	Full time	At least 120	Ms Eldalize Kruger +27 51 401 2185 krugere@ufs.ac.za www.ufs.ac.za/geography



Programme Description	Academic Plan Code	Duration	Contact session	Part time / Full time	Credits	Enquiries
Food Science	BC460029	1 year	Contact sessions	Full time	128	Prof Maryna de Wit +27 51 401 3261 dewitm@ufs.ac.za www.ufs.ac.za/sfsd
Forensic Chemistry	BC460065	1 year	Contact sessions	Full time	At least 120	Dr Karen Ehlers +27 51 401 3978 ehlersk@ufs.ac.za www.ufs.ac.za/genetics
Forensic Genetics	BC460067	1 year	Contact sessions	Full time	At least 120	
Forensic Science	BC460030	1 year	Contact sessions	Full time	At least 120	
Genetics	BC460031	1 year	Contact session	Full time	At least 120	Ms Zurika Murray +27 51 401 2776 murrayz@ufs.ac.za www.ufs.ac.za/genetics
Geochemistry	BC460032	1 year	Contact sessions and project	Full time	At least 120	Mrs Justine Magson +27 51 401 2373 Markramj1@ufs.ac.za www.ufs.ac.za/geology
Geography	BC460033	1 year	Contact sessions and project	Both	At least 120	Ms Eldalize Kruger +27 51 401 2185 krugere@ufs.ac.za www.ufs.ac.za/geography
Geographic Information Systems	BC460069	1 year	Contact sessions and project	Full time	At least 120	
Geohydrology	BC460034	1 year	Contact sessions and project	Full time	At least 120	Dr Amy Allwright +27 51 401 3481 allwrightaj@ufs.ac.za www.ufs.ac.za/igs
Geology	BC460035	1 year	Contact sessions and project	Full time	At least 120	Mrs Justine Magson +27 51 401 2373 Markramj1@ufs.ac.za www.ufs.ac.za/geology
Mathematics and Applied Mathematics	BC460038	1 year	Contact session	Full time	At least 120	Dr Christiaan Venter +27 51 401 2320 venterc@ufs.ac.za www.ufs.ac.za/mam
Mathematical Statistics	BC460037	1 year	Contact session	Full time	At least 120	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas

Programme Description	Academic Plan Code	Duration	Contact session	Part time / Full time	Credits	Enquiries
Microbiology	BC460039	1 year	Contact sessions	Full time	128	Prof Koos Albertyn +27 51 401 2223 albertynj@ufs.ac.za www.ufs.ac.za/mb
Physics	BC460040	1 year	Contact sessions and project	Full time	At least 120	Prof Johan Venter 051 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Plant Breeding	BC460041	1 year	Contact session	Full time	At least 120	Prof Botma Visser +27 51 401 3278 visserb@ufs.ac.za www.ufs.ac.za/plant
Plant Health Ecology	BC460082	1 year	Contact session	Full time	At least 120	
Plant Pathology	BC460042	1 year	Contact session	Full time	At least 120	
Quantity Surveying	BC460043	1 year full time or 2 years part time	Both	Both	128	Mrs Tascha Bremer +27 51 401 2996 bremert@ufs.ac.za www.ufs.ac.za/qscm
Risk Analysis	BC460087	1 year	Contact sessions	Full time	At least 120	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Soil Science	BC460044	1 year	Contact sessions	Full time	At least 120	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Wildlife	BC460089	1 year	Contact sessions	Full time	At least 120	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Zoology	BC460049	1 year	Contact sessions and project	Full time	At least 120	Dr Candice J van Rensburg jvrensc@ufs.ac.za +27 51 401 9537 Dr Charles Haddad +27 51 401 2568 haddadcr@ufs.ac.za www.ufs.ac.za/ze



## BACHELOR OF AGRICULTURE HONOURS DEGREES MAJORING IN:

Programme Description	Academic Plan Code	Duration	Contact session	Part time / Full time	Credits	Enquiries
Agricultural Economics	BC560011	1 year	Contact session	Full time	At least 120	Dr Frikkie Maré +27 51 401 3220 marefa@ufs.ac.za www.ufs.ac.za/agricecon
Agricultural Management	BC560052	1 year	Contact session	Full time	At least 120	
Animal Production Management	BC560115	1 year	Contact session	Full time	132	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Irrigation Management	BC560072	1 year	Contact session	Full time	At least 120	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Wildlife Management	BC560090	1 year	Contact session	Full time	At least 120	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal

## BACHELOR OF SCIENCE HONOURS DEGREES IN AGRICULTURE MAJORING IN:

Programme Description	Academic Plan Code	Duration	Contact session	Part time / Full time	Credits	Enquiries
Agrometeorology	BC560012	1 year	Contact session	Full time	At least 120	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Agronomy	BC560013	1 year	Contact session	Full time	At least 120	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Animal Sciences	BC560015	1 year	Contact session	Full time	At least 120	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Grassland Sciences	BC560036	1 year	Contact session	Full time	At least 120	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal

Programme Description	Academic Plan Code	Duration	Contact session	Part time / Full time	Credits	Enquiries
Plant Breeding	BC560041	1 year	Contact session	Full time	At least 120	Prof Botma Visser +27 51 401 3278 visserb@ufs.ac.za www.ufs.ac.za/plant
Plant Pathology	BC560042	1 year	Contact session	Full time	At least 120	
Soil Sciences	BC560044	1 year	Contact session	Full time	At least 120	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Wildlife Science	BC560089	1 year	Contact session	Full time	At least 120	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal

## MASTER'S DEGREES BY COURSEWORK:

Programme Description	Academic Plan Code	Duration	Coursework	Part time / Full time	Credits	Enquiries
Master of Architecture (Professional)	BC470314	1 year – Full time 2 years – Part time	Yes	Both	180	Mr Kobus du Preez +27 51 401 2332 dpreezjl@ufs.ac.za www.ufs.ac.za/architecture
Master of Disaster Management	BC470325	1 year – Full time 2 years – Part time	Yes	Full time/ Part time	180	Dr Johannes Belle +27 51 401 9347 belleja@ufs.ac.za www.ufs.ac.za/dimtec
Master of Human Settlements	BC480271	1 year – Full time 2 years – Part time	No	Both	180	Dr Kgosi Mocwagae +27 51 401 2795 mocwagaeks@ufs.ac.za www.ufs.ac.za/urp
Integrated Water Management	BC470151	2 years	Both	Both	180	Dr Marinda Avenant +27 51 401 2863 avenantmf@ufs.ac.za www.ufs.ac.za/cem



Programme Description	Academic Plan Code	Duration	Coursework	Part time / Full time	Credits	Enquiries
Master of Land Property Development Management with specialisation in Project Management	BC470393	2 years	Yes	Part time	180	Mrs Tascha Bremer +27 051 401 2996 bremert@ufs.ac.za www.ufs.ac.za/qscm
Master of Land Property Development Management with specialisation in Property Studies	BC470394	2 years	Yes	Part time	180	
Master of Sustainable Agriculture	BC571347	1 year	Yes	Part time	180	Dr Ismari van der Merwe +27 51 401 2598 ivdmerwe@ufs.ac.za www.ufs.ac.za/sfsd
Master of Urban and Regional Planning	BC470348	1 year – Full time 2 years – Part time	Contact sessions/ coursework/ field trips (block sessions)	Both	204	Dr Kgosi Mocwagae +27 51 401 2795 mocwagaeks@ufs.ac.za www.ufs.ac.za/urp
Master of Urban and Regional Planning	BC480348	1 year – Full time 2 years – Part time	No	Both	180	Dr Kgosi Mocwagae +27 51 401 2795 mocwagaeks@ufs.ac.za www.ufs.ac.za/urp

## MASTER OF SCIENCE DEGREES BY COURSEWORK MAJORING IN:

Programme Description	Academic Plan Code	Duration	Course work / Mini dissertation	Part time / Full time	Credits	Enquiries
Astrophysics	BC470117	2 years	Both	Both	180	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics
Climate Change	BC470099	2 years	Both	Both	200	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc

Programme Description	Academic Plan Code	Duration	Course work / Mini dissertation	Part time / Full time	Credits	Enquiries
Consumer Sciences	BC470123	2 years	Coursework	Full time	180	Dr Ismari van der Merwe +27 51 401 2598 ivdmerwe@ufs.ac.za www.ufs.ac.za/sfsd
Environmental Management	BC470160	2 years	Both	Both	180	Dr Marinda Avenant +27 51 401 2863 avenantmf@ufs.ac.za www.ufs.ac.za/cem
Integrated Water Management	BC470151	2 years	Both	Both	180	
Mineral Resource Management	BC470178	2 years	Both	Part time	180	Mrs Justine Magson +27 51 401 2323 Markramj1@ufs.ac.za www.ufs.ac.za/geology
Nanoscience	BC470179	2 years	Both	Both	180	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics

## MASTER'S DEGREES BY DISSERTATION:

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Master of Architecture (Research)	BC480214	1 year/ 2 years	Yes	Full time/ Part time	180	Mr Kobus du Preez +27 51 401 2332 dpreezj@ufs.ac.za www.ufs.ac.za/ architecture
Master of Architecture (Design)	BC480314	2 years	Yes	Part time	180	
Master of Urban and Regional Planning	BC480348	2 years	Yes	Both	180	Dr Kgosi Mocwagae +27 51 401 2795 mocwagaeks@ufs.ac.za www.ufs.ac.za/urp
Master of Human Settlements	BC480271	2 years	Yes	Both	180	



## MASTER OF SCIENCE DEGREES BY DISSERTATION MAJORING IN:

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Actuarial Science	BC480010	2 years	Yes	Both	180	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Agrometeorology	BC480012	2 years	Yes	Both	180	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Agrometeorology Interdisciplinary	BC480053	2 years	Yes	Both	180	
Applied Mathematics	BC480016	2 years	Yes	Both	180	Dr Christiaan Venter +27 51 401 2320 venterc@ufs.ac.za www.ufs.ac.za/mam
Astrophysics	BC480017	2 years	Yes	Both	180	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Behavioural Genetics	BC480018	2 years	Yes	Both	180	Mrs Zurika Murray +27 51 401 2776 murrayz@ufs.ac.za www.ufs.ac.za/genetics
Biochemistry	BC480019	2-3 years	Yes	Full time	180	Dr Frans O'Neill +27 51 401 7553 oneillfh@ufs.ac.za www.ufs.ac.za/mb
Botany	BC480020	2 years	Yes	Both	180	Prof Botma Visser +27 51 401 3278 visserb@ufs.ac.za www.ufs.ac.za/plant
Chemistry	BC480021	2 years	Yes	Both	180	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Computer Information Systems	BC480056	2 years	Yes	Both	180	Prof Lizette de Wet +27 51 401 3705 dwetl@ufs.ac.za
Computer Science and Informatics	BC480022	2 years	Yes	Both	180	Mr Jaco Marais +27 51 401 2929 maraisj@ufs.ac.za www.ufs.ac.za/csi

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Construction Management	BC480024	2 years	Yes	Both	180	Ms Cameron Ferreira +27 51 401 2607 Greylingc2@ufs.ac.za www.ufs.ac.za/qscm
Consumer Science	BC480023	2 years	Yes	Both	180	Dr Ismari vd Merwe +27 51 401 2598 ivdmerwe@ufs.ac.za www.ufs.ac.za/sfsd
Data Science	BC480095	2 years	Yes	Both	180	Prof Lizette de Wet +27 51 401 3705 dwetl@ufs.ac.za Mr Jaco Marais +27 51 401 2929 maraisj@ufs.ac.za www.ufs.ac.za/csi
Entomology	BC480027	2 years	Yes	Full time	180	Dr Candice J van Rensburg +27 51 401 9357 jvrensc@ufs.ac.za Prof Liesl van As +27 51 401 3460 vanasl@ufs.ac.za www.ufs.ac.za/ze
Environmental Geology	BC480028	2 years	Yes	Both	180	Mrs Justine Magson +27 51 401 2373 Markramj1@ufs.ac.za www.ufs.ac.za/geology
Environmental Management	BC480060	2 years	Yes	Both	180	Dr Marinda Avenant +27 51 401 2863 avenantmf@ufs.ac.za www.ufs.ac.za/cem
Food Science	BC480029	2-3 years	Yes	Full time	180	Prof Maryna de Wit +27 51 401 3261 deWitM@ufs.ac.za www.ufs.ac.za/sfsd
Forensic Chemistry	BC480065	2 years	Yes	Both	180	Dr Karen Ehlers +27 51 401 3978 ehlersk@ufs.ac.za www.ufs.ac.za/genetics
Forensic Entomology	BC480066	2 years	Yes	Both	180	
Forensic Science	BC480030	2 years	Yes	Both	180	
Forensic Interdisciplinary	BC480068	2 years	Yes	Both	180	
Forensic Genetics	BC480067	2 years	Yes	Both	180	
Genetics	BC480031	2 years	Yes	Both	180	Mrs Zurika Murray +27 51 401 2776 murrayz@ufs.ac.za www.ufs.ac.za/genetics



Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Geochemistry	BC480032	2 years	Yes	Both	180	Mrs Justine Magson +27 51 401 2373 Markramji@ufs.ac.za www.ufs.ac.za/geology
Geography	BC480033	2 years	Yes	Both	180	Ms Eldalize Kruger +27 51 401 2185 krugere@ufs.ac.za www.ufs.ac.za/geography
Geohydrology	BC480034	2 years	Yes	Both	180	Dr Amy Allwright +27 51 401 3481 allwrightaj@ufs.ac.za www.ufs.ac.za/igs
Geoinformatics	BC480069	2 years	Yes	Both	180	Ms Eldalize Kruger +27 51 401 2185 krugere@ufs.ac.za www.ufs.ac.za/geography
Geology	BC480035	2 years	Yes	Both	180	Mrs Justine Magson +27 51 401 2373 Markramji@ufs.ac.za www.ufs.ac.za/geology
Integrated Water Management	BC480051	2 years	Yes	Both	180	Dr Marinda Avenant +27 51 401 2863 avenantmf@ufs.ac.za www.ufs.ac.za/cem
Limnology	BC480076	2 years	Yes	Both	180	
Mathematics	BC480038	2 years	Yes	Both	180	Dr Christiaan Venter +27 51 401 2320 venterc@ufs.ac.za www.ufs.ac.za/mam
Mathematical Statistics	BC480037	2 years	Yes	Both	180	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Microbial Biotechnology	BC480077	2-3 years	Yes	Full time	180	Prof Koos Albertyn +27 51 401 2223 albertynj@ufs.ac.za www.ufs.ac.za/mb
Microbiology	BC480039	2-3 years	Yes	Full time	180	
Physics	BC480040	2 years	Yes	Both	180	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/physics

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Plant Breeding	BC480041	2 years	Yes	Both	180	Prof Botma Visser +27 51 401 3278 visserb@ufs.ac.za www.ufs.ac.za/plant
Plant Health Ecology	BC480082	2 years	Yes	Both	180	
Plant Breeding Interdisciplinary	BC480081	2 years	Yes	Both	180	
Plant Pathology	BC480042	2 years	Yes	Both	180	
Plant Pathology Interdisciplinary	BC480083	2 years	Yes	Both	180	
Property Science	BC480085	2 years	Yes	Both	180	Ms Cameron Ferreira +27 51 401 2607 Greylingc2@ufs.ac.za www.ufs.ac.za/qscm
Quantity Surveying	BC480043	2 years	Yes	Both	180	
Risk Analysis	BC480087	2 years	Yes	Both	180	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Soil Sciences Interdisciplinary	BC480088	2 years	Yes	Both	180	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Soil Science	BC480044	2 years	Yes	Both	180	
Statistics	BC480046	2 years	Yes	Both	180	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Wildlife	BC480089	2 years	Yes	Both	180	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Zoology	BC480049	2 years	Yes	Full time	180	Dr Candice J van Rensburg +27 51 401 9357 jvrensc@ufs.ac.za  Prof Liesl van As +27 51 401 3460 vanasll@ufs.ac.za www.ufs.ac.za/ze





## MASTER OF AGRICULTURE DEGREES BY DISSERTATION MAJORING IN:

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Agricultural Economics	BC580111	2 years	Yes	Both	180	Dr Frikkie Maré +27 51 401 3220 marefa@ufs.ac.za www.ufs.ac.za/agricecon
Agricultural Management	BC580152	2 years	Yes	Both	180	
Animal Production Management	BC580115	2 years	yes	Both	180	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Irrigation Management	BC580172	2 years	Yes	Both	180	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Wildlife Management	BC580190	2 years	Yes	Both	180	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal

## MASTER OF SCIENCE IN AGRICULTURE DEGREES BY DISSERTATION MAJORING IN:

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Agricultural Economics	BC480011	2 years	Yes	Both	180	Dr Frikkie Maré +27 51 401 3220 marefa@ufs.ac.za www.ufs.ac.za/agricecon
Agrometeorology	BC580012	2 years	Yes	Both	180	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Agronomy	BC580013	2 years	Yes	Both	180	
Agrometeorology Interdisciplinary	BC580053	2 years	Yes	Both	180	
Agronomy Interdisciplinary	BC580054	2 years	Yes	Both	180	
Animal Science	BC580015	2 years	Yes	Both	180	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Grassland Sciences	BC580036	2 years	Yes	Both	180	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal

Food Science	BC580029	2-3 years	Yes	Full time	180	Prof Maryna de Wit +27 51 401 3261 deWitM@ufs.ac.za www.ufs.ac.za/sfsd
Plant Breeding	BC580041	2 years	Yes	Both	180	Prof Botma Visser +27 51 401 3278 visserb@ufs.ac.za www.ufs.ac.za/plant
Plant Breeding Interdisciplinary	BC580081	2 years	Yes	Both	180	
Plant Pathology	BC580042	2 years	Yes	Both	180	
Plant Pathology Interdisciplinary	BC580083	2 years	Yes	Both	180	
Soil Science	BC580044	2 years	Yes	Both	180	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Soil Science Interdisciplinary	BC580088	2 years	Yes	Both	180	
Wildlife Science	BC580089	2 years	Yes	Both	180	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal

## DOCTOR OF PHILOSOPHY MAJORING IN:

Programme Description	Academic Plan Code	Duration	Thesis	Part time / Full time	Credits	Enquiries
Architecture with Research	BC490014	3 years/ 5 years	Yes	Both	360	Mr Kobus du Preez +27 51 401 2332 dpreezj@ufs.ac.za www.ufs.ac.za/ architecture
Architecture with Design	BC490114	3 years/ 5 years	Yes	Both	360	
Land and Property Development Management	BC490074	3 years/ 5 years	Yes	Both	360	Mr Stuart Denoon-Stevens +27 51 401 7136 denoonstevenssp@ufs.ac.za www.ufs.ac.za/urp
Property Science	BC490085	3 years / 5 years	Yes	Both	360	Ms Cameron Ferreira +27 51 401 2607 Greylingc2@ufs.ac.za www.ufs.ac.za/qscm
Quantity Surveying	BC490043	3 years / 5 years	Yes	Both	360	
Construction Management	BC490024	3 years / 5 years	Yes	Both	360	
Urban and Regional Planning	BC490048	3 years/ 5 years	Yes	Both	360	Dr Kgosi Mocwagae +27 51 401 2795 mocwagaeks@ufs.ac.za www.ufs.ac.za/urp
Human Settlements	BC490071	3 years/ 5 years	Yes	Both	360	



Programme Description	Academic Plan Code	Duration	Thesis	Part time / Full time	Credits	Enquiries
Botany	BC490020	3 years/ 5 years	Yes	Both	360	Prof Botma Visser +27 51 401 3278 visserb@ufs.ac.za www.ufs.ac.za/plant
Plant Breeding	BC490041	3 years/ 5 years	Yes	Both	360	
Plant Breeding Interdisciplinary	BC490081	3 years/ 5 years	Yes	Both	360	
Plant Health Ecology	BC490082	3 years/ 5 years	Yes	Both	360	
Plant Pathology	BC490042	3 years/ 5 years	Yes	Both	360	
Plant Pathology Interdisciplinary	BC490083	3 years/ 5 years	Yes	Both	360	
Biochemistry	BC490019	3 years	Yes	Full time	360	Dr Frans O'Neill +27 51 401 7553 oneillfh@ufs.ac.za www.ufs.ac.za/mb
Microbiology	BC490039	3 years	Yes	Full time	360	Prof Koos Albertyn +27 51 401 2223 albertynj@ufs.ac.za www.ufs.ac.za/mb
Microbial Biotechnology	BC490077	3 years	Yes	Full time	360	
Food Science	BC490029	3 years	Yes	Full time	360	Prof Maryna de Wit +27 51 401 3261 deWitM@ufs.ac.za www.ufs.ac.za/sfsd
Sustainable Agriculture	BC490047	3 years/ 5 years	Yes	Both	360	Prof Johan van Niekerk +27 51 401 2163 vniekerkja@ufs.ac.za www.ufs.ac.za/sfsd
Soil Science	BC490044	3 years/ 5 years	Yes	Both	360	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Animal Science	BC490015	3 years/ 5 years	Yes	Both	360	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Agricultural Economics	BC490011	3 years/ 5 years	Yes	Both	360	Dr Frikkie Maré +27 51 401 3220 marefa@ufs.ac.za www.ufs.ac.za/agricecon

Programme Description	Academic Plan Code	Duration	Thesis	Part time / Full time	Credits	Enquiries
Agrometeorology Interdisciplinary	BC490053	3 years/ 5 years	Yes	Both	360	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za www.ufs.ac.za/scc
Agrometeorology	BC490012	3 years/ 5 years	Yes	Both	360	
Agronomy Interdisciplinary	BC490054	3 years/ 5 years	Yes	Both	360	
Agronomy	BC490013	3 years/ 5 years	Yes	Both	360	
Soil Science Interdisciplinary	BC490088	3 years/ 5 years	Yes	Both	360	
Wildlife	BC490089	3 years/ 5 years	Yes	Both	360	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Grassland Science	BC490036	3 years/ 5 years	Yes	Both	360	Dr Elmarie van der Watt +27 51 401 2713 vdwatte@ufs.ac.za
Irrigation Management	BC490072	3 years/ 5 years	Yes	Both	360	
Agricultural Management	BC490052	3 years/ 5 years	Yes	Both	360	Dr Frikkie Maré +27 51 401 3220 marefa@ufs.ac.za www.ufs.ac.za/agricecon
Animal Production Management	BC490115	3 years/ 5 years	Yes	Both	360	Dr Mike Fair +27 51 401 9056 fairmd@ufs.ac.za www.ufs.ac.za/animal
Wildlife Management	BC490090	3 years/ 5 years	Yes	Both	360	
Consumer Science	BC490023	3 years/ 5 years	Yes	Both	360	Dr Ismari van der Merwe +27 51 401 2598 ivdmerwe@ufs.ac.za www.ufs.ac.za/sfsd
Computer Science and Informatics	BC490022	3 years	Yes	Both	360	Prof Lizette de Wet +27 51 401 3705 dwetl@ufs.ac.za Mr Jaco Marais +27 51 401 2929 maraisj@ufs.ac.za www.ufs.ac.za/csi
Data Science	BC490095	3 years	Yes	Both	360	
Computer Information Systems	BC490056	3 years	Yes	Both	360	
Disaster Management	BC490025	3 years/ 5 years	Yes	Both	360	Dr Johannes Belle +27 51 401 9347 belleja@ufs.ac.za www.ufs.ac.za/dimtec



Programme Description	Academic Plan Code	Duration	Thesis	Part time / Full time	Credits	Enquiries
Environmental Management	BC490060	3 years/5 years	Yes	Both	360	Dr Marinda Avenant +27 51 401 2863 avenantmf@ufs.ac.za www.ufs.ac.za/cem
Limnology	BC490076	3 years/5 years	Yes	Part time	360	
Integrated Water Management	BC490051	3 years/5 years	Yes	Both	360	
Geoinformatics	BC490069	3 years/5 years	Yes	Both	360	Mrs Eldalize Kruger +27 51 401 2185 krugere@ufs.ac.za www.ufs.ac.za/geography
Geography	BC490033	3 years/5 years	Yes	Both	360	
Geology	BC490035	3 years/5 years	Yes	Both	360	Mrs Justine Magson +27 51 401 2373 Markramj1@ufs.ac.za www.ufs.ac.za/geology
Mineral Resource Management	BC490078	3 years/5 years	Yes	Both	360	
Geochemistry	BC490032	3 years/5 years	Yes	Both	360	
Environmental Geology	BC490028	3 years/5 years	Yes	Both	360	
Geohydrology	BC490034	3 years/5 years	Yes	Both	360	
Chemistry	BC490021	3 years/5 years	Yes	Both	360	Prof Johan Venter +27 51 401 3336 venterja@ufs.ac.za www.ufs.ac.za/chemistry www.ufs.ac.za/physics
Astrophysics	BC490017	3 years/5 years	Yes	Both	360	
Nanoscience	BC490079	3 years/5 years	Yes	Both	360	
Physics	BC490040	3 years/5 years	Yes	Both	360	
Actuarial Science	BC490010	3 years/5 years	Yes	Both	360	Dr Michael von Maltitz +27 51 401 2609 vmaltitzmj@ufs.ac.za www.ufs.ac.za/msas
Mathematical Statistics	BC490037	3 years/5 years	Yes	Both	360	
Statistics	BC490046	3 years/5 years	Yes	Both	360	
Mathematics	BC490038	3 years/5 years	Yes	Both	360	Dr Christiaan Venter +27 51 401 2320 venterc@ufs.ac.za www.ufs.ac.za/mam
Applied Mathematics	BC490016	3 years/5 years	Yes	Both	360	

Programme Description	Academic Plan Code	Duration	Thesis	Part time / Full time	Credits	Enquiries
Genetics	BC490031	3 years/5 years	Yes	Both	360	Mrs Zurika Murray +27 51 401 2776 murrayz@ufs.ac.za www.ufs.ac.za/genetics
Behavioural Genetics	BC490018	3 years/5 years	Yes	Both	360	
Zoology	BC490049	3 years	Yes	Both	360	Dr Candice J van Rensburg +27 51 401 9357 jvrensc@ufs.ac.za Prof Liesl van As +27 51 401 3460 vanasl@ufs.ac.za www.ufs.ac.za/ze
Entomology	BC490027	3 years	Yes	Both	360	
Forensic Sciences	BC490030	3 years/5 years	Yes	Both	360	Dr Karen Ehlers +27 51 401 3978 ehlersk@ufs.ac.za www.ufs.ac.za/genetics
Forensic Interdisciplinary	BC490068	3 years/5 years	Yes	Both	360	
Forensic Entomology	BC490066	3 years/5 years	Yes	Both	360	
Forensic Chemistry	BC490065	3 years/5 years	Yes	Both	360	
Forensic Genetics	BC490067	3 years/5 years	Yes	Both	360	

THE FOLLOWING PROGRAMMES ARE OFFERED ON THE QWAQWA CAMPUS:

### BACHELOR OF SCIENCE HONOURS DEGREES MAJORING IN:

Programme Description	Academic Plan Code	Duration	Contact sessions / Coursework	Part time / Full time	Credits	Enquiries
Botany	QC460021	1 year	Both	Full time	At least 120	Prof Aliza le Roux +27 58 718 5327 Leroux3@ufs.ac.za www.ufs.ac.za/ze www.ufs.ac.za/geography
Zoology	QC460049	1 year	Both	Full time	At least 120	
Environmental Geography	QC460059	1 year	Both	Full time	At least 120	
Physics	QC460040	1 year	Both	Full time	At least 120	Prof Richard Ocaya +27 58 718 5301 ocayaro@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Chemistry	QC460021	1 year	Both	Full time	At least 120	
Polymer Science	QC460084	1 year	Both	Full time	At least 120	
Computer Science	QC460022	2 years	Both	Full time	At least 120	Mr Teboho Lesesa +27 58 718 5235 lesesat@ufs.ac.za www.ufs.ac.za/csi



## MASTER OF SCIENCE DEGREES BY DISSERTATION MAJORING IN:

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Botany	QC480020	2 years	Yes	Both	180	Prof Aliza le Roux +27 58 718 5327 Leroux3@ufs.ac.za www.ufs.ac.za/plant www.ufs.ac.za/geography www.ufs.ac.za/ze
Geography	QC480033	2 years	Yes	Both	180	
Environmental Geography	QC480059	2 years	Yes	Both	180	
Zoology	QC480049	2 years	Yes	Both	180	
Physics	QC480040	2 years	Yes	Both	180	Prof Richard Ocaya +27 58 718 5301 ocayaro@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Chemistry	QC480021	2 years	Yes	Both	180	
Polymer Science	QC480084	2 years	Yes	Both	180	
Computer Science	QC480022	2 years	Yes	Both	180	Mr Teboho Lesesa +27 58 718 5235 lesesat@ufs.ac.za www.ufs.ac.za/csi

## DOCTOR OF PHILOSOPHY DEGREES BY DISSERTATION MAJORING IN:

Programme Description	Academic Plan Code	Duration	Dissertation	Part time / Full time	Credits	Enquiries
Botany	QC490020	3 years/ 5 years	Yes	Both	360	Prof Aliza le Roux +27 58 718 5327 Leroux3@ufs.ac.za www.ufs.ac.za/plant www.ufs.ac.za/geography www.ufs.ac.za/ze
Zoology	QC490049	3 years/ 5 years	Yes	Both	360	
Geography	QC490033	3 years/ 5 years	Yes	Both	360	
Environmental Geography	QC490059	3 years/ 5 years	Yes	Both	360	
Physics	QC490040	3 years/ 5 years	Yes	Both	360	Prof Richard Ocaya +27 58 718 5301 ocayaro@ufs.ac.za www.ufs.ac.za/physics www.ufs.ac.za/chemistry
Chemistry	QC490021	3 years/ 5 years	Yes	Both	360	
Polymer Science	QC490084	3 years/ 5 years	Yes	Both	360	
Mathematics	QC490038	3 years/ 5 years	Yes	Both	360	Mr Teboho Lesesa +27 58 718 5235 lesesat@ufs.ac.za www.ufs.ac.za/mam www.ufs.ac.za/csi
Computer Science and Informatics	QC490022	3 years/ 5 years	Yes	Both	360	

View the UFS Postgraduate Prospectus 2022 at

<https://ufs.ac.za/prospective>

