

DEPARTEMENT GEOGRAFIE EN OMGEWINGSTUDIE
DEPARTMENT OF GEOGRAPHY AND ENVIRONMENTAL STUDIES
2019

64165 124

(16 krediete/ *credits*)

INLEIDING TOT MENS-OMGEWINGS-SISTEME

INTRODUCTION TO HUMAN-ENVIRONMENTAL SYSTEMS

Dosente/Lecturers: Dr S Williams en/ *and* Dr M Spocter

Kantore/Offices : Kamer/ *Room* 2022A en/ *and* 2033A Kamer van Mynwese gebou/
Chamber of Mines building

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KURSUSDOELWITTE/ *COURSE AIMS*

Om studente met verskillende agtergronde te onderrig en lei tot kennis en begrip van Fisiese en Menslike Geografie, die verhouding tussen die mens en sy omgewing, en die probleme wat uit hierdie interaksie voortspruit.

To teach and guide students of diverse backgrounds to a knowledge and understanding of Physical and Human Geography; the relationship between humans and their environment and the issues that arise from this interaction.

Nadat die module afgehandel is sal:

After the module is completed:

UITKOMSTES/ <i>OUTCOMES</i>	ASSESS.
1. Studente blootgestel wees aan die basiese geografiese konsepte van ligging, grootte en skaal, fisiese en kulturele attribute, ruimtelike interaksie en streke. <i>Students will have been exposed to basic geographic concepts of location, size and scale, physical and cultural attributes, spatial interaction and regions.</i>	Toets en eksamen <i>Test and examination</i>
2. Studente voldoende kennis bemeester van die interaksie tussen die mens en sy omgewing t.o.v. die impak van bevolking en nedersettings op die fisiese omgewing, volhoubare voedsel- voorsiening en politiek-geografiese faktore wat aanleiding gee tot inter- en intrastaatlike konflik. <i>Students will have gained sufficient knowledge on the interaction between humans and their environment regarding the impact of population and settlements on the physical environment, sustainable food production and geopolitical factors responsible for interstate and intrastate conflict.</i>	Toets en eksamen <i>Test and examination</i>
3. Studente krities kan dink oor bevolkingsdinamika, landelike en stedelike nedersettings, voedselproduksie en politiek-geografiese entiteite. <i>Students will be able to think critically on population dynamics, rural and urban settlements, food production and geopolitical entities.</i>	Klasbesprekings, toets en eksamen <i>Class discussions, test and examination</i>
4. Studente begrip hê vir die wyse waarop inligting oor bevolking, nedersettings, voedselproduksie en politiek-geografiese entiteite ingesamel, saamgestel, ontleed en geëvalueer word.	Toets en eksamen <i>Test and examination</i>

<i>Students will understand the ways in which data or information on population, settlements, food production and geo-political entities are gathered, compiled, analysed and evaluated.</i>	
5. Studente bewus wees van die holistiese interaksie tussen die mens en sy omgewing en die spesifieke probleme wat hieruit voortspruit en tans aktueel in die wêreld en Suidelike Afrika ondervind word. <i>Students will be aware of the holistic interaction between humans and their environment and the specific problems that arise from this, that are currently topical and are being experienced in the world and South Africa.</i>	Klasbesprekings, toets en eksamen <i>Class discussions, test and examination</i>
6. Studente met selfvertroue kan kommunikeer oor probleme wat voortspruit uit die mens-omgewingsinteraksie. <i>Students will have the self-confidence to communicate on problems that arise from the human-environment interaction.</i>	Klasbesprekings <i>Class discussions</i>
7. Studente die vermoë demonstreer om wetenskaplike literatuur te lees, te interpreteer en self uit bronnemateriaal te leer . <i>Students will demonstrate the ability to read, interpret and learn independently from the resource material.</i>	Toets en eksamen <i>Test and examination</i>

HANDBOEK/ TEXTBOOK

Waugh D. 2014. *Geography: An Integrated Approach, (4de uitgawe/ 4th edition).*

Beskikbaar by/ Available at Van Schaik bookstore in the Neelsie (R378.95); Takealot.co.za (R379.00) and Loot.co.za (R343.00).

TOETSDATUMS/ TEST DATES

Woensdag/ Wednesday 6 March/ March 2019

Toets 1: Vroeëasseseringstoets/ Test 1: Early assessment test

(Plek sal aangekondig word/ Venue will be announced. Tyd/ Time: 17:30)

Woensdag/ Wednesday 17 April 2019

Toets 2 – Predikaattoets: (Net Dr Williams se Fisiese Geografie)/ Test 2 – Predicate test: (Only Dr Williams's Physical Geography)

(Plek sal aangekondig word/ Venue will be announced. Tyd/ Time: 17:30)

EKSAMENDATUMS/ EXAM DATES

8 Junie/ June 2019

Eerste geleentheid (alleenlik Menslike Geografie)/ *First opportunity (only Human Geography)*

(Plek sal aangekondig word/ *Venue will be announced.* Tyd/ *Time: 14:00*)

27 Junie/ June 2019

Tweede geleentheid (alleenlik Menslike Geografie)/ *Second opportunity (only Human Geography)*

(Plek sal aangekondig word/ *Venue will be announced.* Tyd/ *Time: 9:00*)

AANBIEDING/ PRESENTATION

'n Seleksie van lesings, besprekings, selfstudie en praktika.
A selection of lectures, discussions, self-study and practicals.

EVALUERING/ EVALUATION

Elke student se finale punt word bereken deur die samevoeging van die klaspunt (40%) en die eksamenpunt (60%). Studente benodig 'n klaspunt (Predikaat) van 40% om toelating tot die eksamen te kry.

The final mark of each student consists of a class mark (40%) and the examination mark (60%). Students require a class mark (Predicate) of at least 40% to be allowed to the exam.

OPMERKING/ COMMENT

Gereelde en pligsgetroue klasbywoning sal nie alleen sorg dat u nie deurmekaar raak met lesingonderwerpe nie, maar sal ook voorkom dat daar katastrofiese gapings in u teoriekennis ontstaan. Hierdie kennisgapings het die nare gewoonte om tydens evaluering deur middel van formele klastoetse en eksamens redelike kortsluitings ("blanks"), onnodige stres en tranes te veroorsaak!

Regular and conscientious attendance of classes will not only ensure that you are not bewildered with lecture topics but will also prevent catastrophic gaps occurring in your theoretical knowledge. These knowledge gaps have that nasty tendency to reappear during evaluation at tests or in formal exams in the form of so called "blanks" that hit students, causing unwanted stress and often rivers of tears!

BELANGRIKE HULPBRONNE OP KAMPUS/ IMPORTANT RESOURCES ON CAMPUS

Sentrum vir Studentevoorligting en –ontwikkeling (SSVO)

Die SSVO werk hoofsaaklik deur die Afdeling vir Terapie en Persoonlike Ontwikkeling, wat verantwoordelik is vir sielkundige terapie en ontwikkeling om studente te help om suksesvol te studeer, en die Afdeling Akademiese Voorligting en Loopbaanontwikkeling, wat studente help met akademiese voorligting en beroepsvoorligting. Hierdie afdeling bestaan ook uit 'n kantoor vir studente met spesiale leerbehoefte en 'n Loopbanekantoor.

Akademiese Voorligting: (021) 808 4707

Psigoterapeutiese en Maatskaplike Dienste: (021) 808 4994

Loopbanekantoor: (021) 808 3568

Persone met Gestremdhede of Spesiale Leerbehoefte: (021) 808 4707; Inligting: [https://www.sun.ac.za/english/learning-teaching/student-affairs/cscd/Documents/Disability%20Unit/US%20Eenheid%20vir%20Gestremdhede%20\(EG\)-FINAAL-09FEB2016.pdf](https://www.sun.ac.za/english/learning-teaching/student-affairs/cscd/Documents/Disability%20Unit/US%20Eenheid%20vir%20Gestremdhede%20(EG)-FINAAL-09FEB2016.pdf)

24-uur Krisisdiens: 082 557 0880

Centre for Student Counseling and Development (CSCD)

The CSCD mainly operates through the Division for Therapy and Personal Development, responsible for psychotherapy, a 24-hour Crisis Service, developmental workshops and the Division for Academic Counseling and Career Development, which helps students with academic counseling and with decisions regarding their studies and careers. This division also has an Office for Students with Special Learning Needs and a Careers Office.

Academic Counseling: (021) 808 4707

Therapy and Personal Development: (021) 808 4994

Careers Office: (021) 808 3568

Persons with Disabilities or Special Learning Needs: (021) 808 4707; Information: [http://www.sun.ac.za/english/learning-teaching/student-affairs/cscd/Documents/Relevant%20Policies/SU%20Special%20Needs%20Brochure%20\(Eng\).pdf](http://www.sun.ac.za/english/learning-teaching/student-affairs/cscd/Documents/Relevant%20Policies/SU%20Special%20Needs%20Brochure%20(Eng).pdf)

24 Hour Crisis Service: 082 557 0880

Taalsentrum: Skryflaboratorium

Enige student van die Universiteit Stellenbosch kan gebruik maak van ons gratis skryfkonultasies vir advies oor hoe om skryftake te verbeter en goeie skryfpraktyke te ontwikkel.

Kontak: Anne-Mari Lackay: 021 808 2989; Epos: amlackay@sun.ac.za

Language centre: Writing laboratory

Any student of Stellenbosch University can come in for free writing consultations for advice on how to improve their writing assignments and develop good writing practices.

Contact: Anne-Mari Lackay: 021 808 2989; Email: amlackay@sun.ac.za

Eerstejaarsakademie/ First-year academy office

The First-year academy office is a comprehensive University initiative to improve the success rate of first-year students by implementing or facilitating a variety of research actions, programmes and projects.

Kontak/ Contact: Dr Anita Jonker: 021 808 2081

Epos/ Email: axjonker@sun.ac.za

Kampus sekuriteit/ Campus security: 021 808 2333

SEMESTERPROGRAM/ SEMESTER PROGRAM

Module 124 bestaan uit Fisiese Geografie en Menslike Geografie.

Module 124 consists of Physical Geography and Human Geography.

Die program vir weke 1 tot 7 is as volg:/ The program for weeks 1 to 7 is as follows:

FISIESE GEOGRAFIE/ PHYSICAL GEOGRAPHY

Datums/ Dates	Onderwerp/ Topic	Bladsy nrs./ Page no.'s
Week 1 (04/02-08/02)	Lesing 1: Voorstellings en administratief <i>Lecture 1: Introductions and administration</i>	
	Lesing 2: Oorsprong van die heelal en sonnestelsel <i>Lecture 2: Origins of the universe and solar system</i>	Waugh bl./pp. 8-9
	Lesing 3: Plaattektoniek, vulkane en aardbewings <i>Lecture 3: Plate tectonics, volcanoes and earthquakes</i>	Waugh bl./pp. 9-25

Week 2 (11/02-15/02)	Lesing 4: Verweringsprosesse <i>Lecture 4: Weathering processes</i>	Waugh bl./ pp. 40-45
	Lesing 5: Massabewegings en helling ontwikkeling <i>Lecture 5: Mass movement and slope development</i>	Waugh bl./pp. 46-51
	Lesing 6: Natuurlike gevare en ramp-risiko <i>Lecture 6: Natural hazards and disasters</i>	Uitdeelstuk/ <i>Handout</i>
Week 3 (18/02-22/02)	Lesing 7: Opvangbiede, hidrologie en vloeding van rivierstelsels <i>Lecture 7: Drainage basins and flood hydrology</i>	Waugh bl./ pp. 58-65
	Lesing 8: Rivier morfologie en eienskappe van rivierstelsels <i>Lecture 8: River morphometry, transportation and deposition</i>	Waugh bl./ pp. 65-73
	Lesing 9: Rivier landvorme <i>Lecture 9: Riverine landforms</i>	Waugh bl./ pp. 75-86
	GIS Lesing 1: Inleiding tot GIS <i>GIS Lecture 1: Introduction to GIS</i>	
Week 4 (25/02-01/03)	Lesing 10: Ysvorming <i>Lecture 10: Glaciation</i>	Waugh bl./ pp. 102-105
	Lesing 11: Ysvorming: erosie, afsetting en landvorme <i>Lecture 11: Glaciation: erosion, deposition and landforms</i>	Waugh bl./ pp. 102, 105, 109, 116-120
	Lesing 12: Kusprosesse: branders en stroming <i>Lecture 12: Coastal processes: waves and currents</i>	Waugh bl./ pp. 140-149
	GIS Lesing 2: GIS en kartografie <i>GIS Lecture 2: GIS and cartography</i>	
Week 5 (04/03-08/03)	Lesing 13: Kusprosesse: Seëvlak styging en effekte <i>Lecture 13: Coastal processes: Sea level rise and its effects</i>	Waugh bl./ pp. 168-174 Uitdeelstuk/ <i>Handout</i>
	Toets 1: Vroeëasseseringstoets/ Test 1: Early assessment test 6 Maart / March om/ at 17:30	
	Lesing 14: Woestyne: ligging en prosesse <i>Lecture 14: Deserts: location and processes</i>	Waugh bl./ pp. 178-181
	GIS Lesing 3: GIS en kartografiese kommunikasie <i>GIS Lecture 3: GIS and cartographic communication</i>	
Week 6 (11/03-15/03)	Lesing 15: Woestyn landvorms <i>Lecture 15: Desert landforms</i>	Waugh bl./ pp. 182-192
	Lesing 16: Gewone rots tipes, vorm en prosesse <i>Lecture 16: Common rock types, forms and processes</i>	Waugh bl./ pp. 194-202
	Lesing 17: Grondgenese <i>Lecture 17: Soil, soil formation and soil profile</i>	Waugh bl./ pp. 260-262

	GIS Lesing 4: Data analise en kartografie <i>GIS Lecture 4: Data analysis and cartography</i>	
Week 7 (18/03-20/03)	Lesing 18: Grondeienskappe en struktuur <i>Lecture 18: Soil properties and structure</i>	Waugh bl./ pp. 263-268

Die program vir weke 8 tot 14 is as volg:/ The program for weeks 8 to 14 is as follows:

MENSLIKE GEOGRAFIE/ HUMAN GEOGRAPHY

Datums/ Dates	Onderwerp/ Topic	Bladsy nrs./ Page no.'s
Week 8 (1/04-5/04)	Lesing 19: Inleiding tot Menslike Geografie <i>Lecture 19: Introduction to Human Geography</i>	Uitdeelstuk/ <i>Handout</i>
	Lesing 20: Inleiding tot Menslike Geografie <i>Lecture 20: Introduction to Human Geography</i>	Uitdeelstuk/ <i>Handout</i>
	Lesing 21: Bevolking <i>Lecture 21: Population</i>	Waugh bl./ pp. 344 – 352.
Week 9 (8/04-12/04)	Lesing 22: Bevolking <i>Lecture 22: Population</i>	Waugh bl./ pp. 352 – 356.
	Lesing 23: Bevolking <i>Lecture 23: Population</i>	Waugh bl./ pp. 357 – 360.
	Lesing 24: Bevolking <i>Lecture 24: Population</i>	Waugh bl./ pp. 361 – 362; 366 – 369.
	Prakties 1: Bevolkingspiramides <i>Practical 1: Population pyramids</i>	Uitdeelstuk/ <i>Handout</i>
Week 10 (15/04-18/04)	Lesing 25: Bevolking <i>Lecture 25: Population</i>	Waugh bl./ pp. 376 – 379.
	Lesing 26: Nedersettings <i>Lecture 26: Settlements</i>	Waugh bl./ pp. 388 – 392.
	Lesing 27: Nedersettings <i>Lecture 27: Settlements</i>	Waugh bl./ pp. 393 – 397.
Week 11 (23/04-26/04)	Lesing 27: Nedersettings <i>Lecture 27: Settlements</i>	Waugh bl./ pp. 393 – 397.
	Lesing 28: Verstedeliking <i>Lecture 28: Urbanisation</i>	Waugh bl./ pp. 418 – 425.
	Lesing 29: Verstedeliking <i>Lecture 29: Urbanisation</i>	Waugh bl./ pp. 426 – 436, 442, 446.
	Prakties 2 (Vrydag groepe): Naaste naborige analise <i>Practical 2 (Friday groups): Nearest neighbour analysis</i>	Waugh bl./ pp. 402 – 404. Uitdeelstuk/ <i>Handout</i>

Week 12 (29/04-3/05)	Lesing 30: Boerdery en voedselvoorsiening <i>Lecture 30: Farming and food supply</i>	Waugh bl./ pp. 462 – 469.
	Prakties 2 (Dinsdag groep): Naaste naburige analise <i>Practical 2 (Tuesday group): Nearest neighbour analysis</i>	Waugh bl./ pp. 402 – 404. Uitdeeltstuk/ <i>Handout</i>
	Lesing 31: Boerdery en voedselvoorsiening <i>Lecture 31: Farming and food supply</i>	Waugh bl./ pp. 476 – 490.
Week 13 (6/05-10/05)	Lesing 32: Boerdery en voedselvoorsiening <i>Lecture 32: Farming and food supply</i>	Waugh bl./ pp. 492 – 502.
	Lesing 33: Politieke Geografie <i>Lecture 33: Political Geography</i>	Uitdeeltstuk/ <i>Handout</i> bl./ pp. 299 – 303.
Week 14 (13/05-17/05)	Lesing 34: Politieke Geografie <i>Lecture 34: Political Geography</i>	Uitdeeltstuk/ <i>Handout</i> bl./ pp. 304 – 314.
	Lesing 35: Politieke Geografie <i>Lecture 35: Political Geography</i>	Uitdeeltstuk/ <i>Handout</i> bl./ pp. 315 – 318; 324 – 325.



Departmental website: <http://www.sun.ac.za/geography/>



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