

Dunedin has joined the many cities in the world in which a University of the Third Age has been founded

Beginning in France in the mid seventies the U3A movement has now spread to most countries and has many hundreds of thousands of members.

U3A is a response to the idea that human life is divided into three periods: firstly, childhood and schooling; secondly, child rearing and work; and thirdly retirement.

The third age is seen to provide the greatest opportunities for learning and understanding because it is during this period of retirement that the idea of a university as a community of those who seek greater understanding through learning can be put into practice.

The unique characteristics of U3A

- Learning topics are selected by the members
- Indepth courses are planned by members
- Opportunities for reading, research and discussion are provided
- Presenters/facilitators are usually members of the groups
- The company of others who enjoy learning is ensured
- The atmosphere for learning is informal and friendly
- There are no examinations
- There are no compulsory activities
- Courses take place during daylight hours
- Costs are minimal and within the reach of everybody

ADMINISTRATION

Dates: Thursdays
Time: 10.00am -12.00
Fee: \$40.00
Tea and coffee provided

Enrolments -Limited to 50

You are able to enrol in more than one programme (subject to numbers).
If you wish to enrol for more than one programme, you *must indicate your choice* on the Enrolment Form.

To be received on or before Monday, 17th August 1998

Unless you are contacted beforehand you may assume you are in the class.

Venue:

All sessions are held in the Frank Nichol Room, Knox College, Arden St.

Session Leaders

W J Brockie
Assoc Prof. B B Harris

THE UNIVERSITY OF THE THIRD AGE

U3A

A NEW LEARNING OPTION FOR THE RETIRED

WEATHER AND CLIMATE

27August -1st October 1998

Rodgers & Associates
Law Practice

WEATHER AND CLIMATE

1st choice ___ 2nd choice ___ 3rd choice ___

Please tick appropriate spaces.

Surname: _____ M ___ F ___

Name for Name Tag: _____

Address: _____

Telephone Number: _____

Payment

Course Fee: \$40

Cheques payable to Rodgers and Associates

Please complete and return to:

U3A

Rodgers and Associates

P O Box 6200

Dunedin North

on or before Monday 17th August 1998

Enquiries to:

U3A

Katherine Dolby

467 2638

The Programme

This series of talks proposes to provide a descriptive overview of weather and climate, atmospheric processes and their controls - perhaps with no greater objective than to understand better the nightly presentations provided by Jim and Rose.

The talks will be essentially explanatory-descriptive, non-technical and non-quantitative, ranging from the broad scale consequences of solar energy reception by the Earth, to more detailed description and discussion of the elements of weather such as temperature, with these in turn introducing considerations of the resultant atmospheric processes including winds and turbulence, condensation, clouds, precipitation and storms -elements which provide the basis for understanding the concepts of air masses and weather systems, particularly as they apply to Southern New Zealand. Along the way instances in which human activities have been influenced by, or where they have deliberately or inadvertently modified these processes and systems, will be mentioned, including a review of some of the possible consequences of secular changes in weather and climate on future economic activities in New Zealand.

WEATHER AND CLIMATE PROGRAMME 1998

(Thursdays 10.00am-12.00)

27th August -Solar Energy and the Earth - the radiation balance Earth surface temperatures, atmospheric temperatures and the role of land and sea

3rd September -The Energy Budget of the Earth: budget surpluses and budget deficits, and global atmospheric circulations

10th September -Atmospheric pressure, air in horizontal motion: winds, anticyclones, depressions

17th September-Vertical air movements: clouds, atmospheric stability. Moisture in the atmosphere: the Hydrological Cycle - condensation and the precipitation processes

24th September - Air masses, air mass weather, weather systems fronts and frontal weather, weather and the form of the land: frosts, land-sea breezes, valley winds, föhn winds ('nor'westers')

1st October -Climate Change and the New Zealand Economy

RETAIN THIS PORTION