

## **UNDERGRADUATE MODULE INTRODUCTIONS**

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Module Pre-requisites: Other Modules that must be satisfactorily completed prior to commencement of the Module.

Module Co-requisites: Other Modules that need to either be completed or are being attempted simultaneously. NB Students should carefully consider Co-requisites if thinking of withdrawing from any Module

Distance Education: Modules marked with an asterisk (\*) are unable to be studied by distance education at this time due to their practical nature. These Modules may be held as short intensive courses for Distance Education students as required.

Module Outlines for all courses not listed, flexible / individually tailored courses and seminars are available on request. Other modules will be developed on a needs basis and upon request.

## **POST GRADUATE STUDIES DEPARTMENT**

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### **Research ~ Post Graduate**

500

*Pre-requisites: Advanced Diploma of Applied Science Honours*

The aim of this group of modules is to develop skills in traditional healing research and associated processes. Students will cover theory in both producing and interpreting formal research papers. A research proposal will be formulated under supervision, and the student will carry out the project and present a report to the course seminar programme. Students will also be introduced to a variety of research topics / designs by active researchers in traditional healing methods. The ultimate aim is to encourage both students and graduates to conduct research within the natural/traditional therapy sciences. Other relevant aspects of research are also studied, including problems in natural therapy and health care research; ethics and jurisprudence; multidisciplinary interests in research processes and outcomes; availability of research funds and priorities; professional practice and research responsibilities. The program aims to develop a curiosity in the Student about their chosen field and to develop problem-solving skills rather than foster an automatic prescribing technique.

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### **Advanced Pharmacognosy** 501

*Pre-requisites: Advanced Diploma of Applied Science Honours*

Studies the treatment of disease states, looking at treatments with both herbal plants and man-made drugs highlighting the many correlations and differences between the two forms of treatment and the differences in approach. Further in-depth exploration is made into the chemical constituents of plants and the relationship between these constituents and the overall action of the plant.

### **Manufacturing & Dispensing (\*)** 502

*Pre-requisites: Advanced Diploma of Applied Science Honours*

Explains the correct and accurate use of apparatus and the techniques involved in manufacturing products. Definition of different terms used and the various types of products available. Calculations involved in manufacturing. Solid and liquid dosage forms, Simplexes and Compound mixtures. Excipients, preservatives, flavours, sweeteners, thickeners and colours. Stability of products on storage and after opening. Emulsifying and suspending agents. Discussions on the legal aspects of practitioner manufacturing, such as: labelling: poisons; and the Therapeutics Goods Act 1991.

### **\* Laboratory Work ~ Post Graduate (\*)** 503

*Pre-requisites: Advanced Diploma of Applied Science Honours*

*Co-requisites: Research ~ Post Graduate, Manufacturing & Dispensing*

Laboratory work is a part of research in the Post Graduate Year in all Diplomas. It consists of investigation into the currently popular quality control methods and testing their applicability to natural therapies products. Development of new procedures more suited to our profession's needs is encouraged. Practical experience is also gained in the use of equipment that may be used in industrial quality control laboratories.

### **Remedial Therapies (Western & Oriental), Aromatherapy, Sports Medicine and Acupuncture**

The use of essential oils is an important part of remedial therapies, students will investigate the different methods of manufacture used in the industry and home distillation methods and quality control procedures available for essential and massage oils and other products such as poultices, skin patches, moxibustion sticks, compresses, lotions, ointments and creams used in the remedial therapies.

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### **Ingestive Modalities ~ Herbal Medicine (Western & Oriental)**

The preparation of herbal remedies and Traditional Chinese Medicine pharmacy has a long and illustrious history with many ancient books recording the procedures. Sadly many of the techniques have been lost as they were too complicated or impractical today. However, with the increasing attention to quality control and the need for efficacy and consistency of herbal remedies, it has become essential knowledge for the serious student of herbal medicine. Some exploration into herbal alchemic procedures and spagyric preparation will be undertaken, as well as the more modern processes of extraction, purification, tablet and capsule making, and other external products (creams, lotions and ointments).

### **Ingestive Modalities ~ Homoeopathy**

Homoeopathic remedies are prepared from animal, vegetable and mineral sources that dictate the method of preparation. For example Calc. Carb. is prepared from the middle layer of the oyster shell by "trituration" or extensive grinding in a mortar and pestle with lactose, for several "attenuations" until it is able to be dissolved in alcohol. In vegetable sources the starting point is the mother tincture of the herb, with successive alcohol dilutions with "succussions" determining the potency. Potency scales vary from decimal, centesimal to quintesimal - each having their own application. Areas studied include initial preparation of crude materials, subsequent preparation of the remedies, investigation of popularly used quality control methods and their applicability to homoeopathic remedies and development of new methods for quality control.

### **Ingestive Modalities ~ Naturopathy and Nutrition**

Vitamins, minerals, colloidal minerals, amino acids and herbs often form part of the multi-modality remedies widely available to the consumer. Quality control and stability tests on these products are methods used to ensure that the specified ingredients and quantities are in the required remedy. Investigation is made into current quality control methods and development of new methods applicable to these types of products.

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### **Applied Medical Science**

504

*Pre-requisites: Advanced Diploma of Applied Science Honours*

Integrates studies in the medical sciences with current theories and practices, drawing together of all the medical sciences Modules such as anatomy and physiology, pathology and medical symptomatology and diagnostic techniques with an emphasis on the practitioner's clinical requirements. The aim is to bring a greater understanding of why and how to treat and be a more competent practitioner in all aspects of Natural Therapies. This Module is a culmination of all three years of previous study reviewed in light of current issues and latest research development and new and common practitioner presentations and how to overcome clinical problems that may present.

### **\* Paediatrics**

505

*Pre-requisites: Advanced Diploma of Applied Science Honours*

Aims to advocate knowledge and competence in dealing with paediatrics in a clinical situation. It will expand on the general knowledge of the normal processes of early and late childhood and develop understandings of factors of heredity as they influence health and human reproduction. A sensitive and warm approach is adopted and nurtured to identify and meet the needs of the family and developing child. Areas of paediatrics studied include patterns of growth and development in infants and young children, biophysical needs of infants and young children, the interpersonal environment of the child and cultural and psychosocial forces in the family situation. Health deviations during infancy and childhood - general, respiratory, urinary, cardiovascular, gastrointestinal, endocrine, neurology, ophthalmology, dermatology, psychiatric. Recognising diagnostic signs of health deviations during infancy and childhood and legal aspects of child health, abuse and hospitalisation.

### **\* Applied Acupuncture in Practice (\*)**

506

*Pre-requisites: Advanced Diploma of Applied Science Honours*

*Co-requisites: Applied Medical Science, Research - Post Graduate*

Investigates the use of acupuncture and other related therapies such as Electromagnetic therapy, Electro acupuncture, Laser treatments, TENS units and Cupping. Research into specialist fields of Acupuncture such as: Sports Medicine, the control of pain in terminal illness, and Gynaecological treatments. World trends in the latest research developments and statistical data of acupuncture and moxibustion in long-term management of workforce injury pain as against medical surgery and allopathic techniques.

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### **Seminars** 507

*Pre-requisites: Advanced Diploma of Applied Science Honours*

Varied intensive workshops on topics pertinent to different approaches and philosophies within the fields of Traditional Healing Methods. Workshops presented each year vary according to the latest trends and have included: Crisis care counselling, emergency care, Ayurvedic Medicine philosophies, Native Australian Plant medicine and Shamanistic Medicine.

### **Professional Practice** 508

*Pre-requisites: Advanced Diploma of Applied Science Honours*

Post-Graduates, while in their first year of establishing their clinic are supervised by the College and assessed for business acumen, analytical case taking and the general professionalism of their clinic.

### **\* Homoeopathic Acupuncture (\*)** 510

*Pre-requisites: Advanced Diploma of Applied Science Honours in Acupuncture or Homoeopathy*

One of the newest therapies combining two of the oldest professions, this Module covers the philosophy of healing and principals of homoeopathy and links the concept of vital force with oriental traditional philosophies of acupuncture and some the recent research into electromagnetic fields.

### **Homoeopathic Pharmacy** 511

*Pre-requisites: Advanced Diploma of Applied Science Honours in Homoeopathy*

Investigates in-depth the theories of homoeopathic pharmacy and manufacture of homoeopathic remedies together with the international commercial aspects of homoeopathy.

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### **\* Auricular Acupuncture (\*)** 512

*Pre-requisites: Advanced Diploma of Applied Science Honours in Acupuncture*

A form of Acupuncture applied to various points of the ear that stimulates organs, glands and parts of the body to regain and maintain harmony and balance in these areas.

### **\* Athletic Massage (\*)** 513

*Pre-requisites: Advanced Sports Massage, Sports Injuries*

Continues the study of massage for athletes, looking at different sports such as body building, archery, skating, competition dance, the particular problems faced by different athletic professions and the use of bodywork techniques to create fitness.

### **Clinical Nutrition** 514

*Pre-requisites: Advanced Diploma of Applied Science Honours in Naturopathy or Nutrition*

Intensive study of nutritional supplementation for specific conditions and nutritional assessment and nutrient / drug interactions.

### **Advanced Homoeopathic Drainage (Gemmotherapy)** 515

*Pre-requisites: Advanced Diploma of Applied Science Honours in Homoeopathy*

This therapy uses glycerine plant macerates from plant tissues and buds of plants, shrubs and trees to stimulate organs of excretion. It is an application of the traditional fundamental principal of cure by treatment from deep within and towards the surface. Channels are opened enabling toxins to be liberated from the system. The works of Doctors Nebel, Vannier, and Rouy are followed closely.