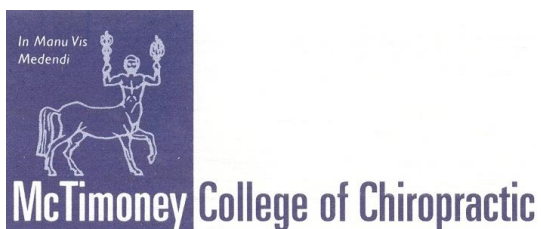
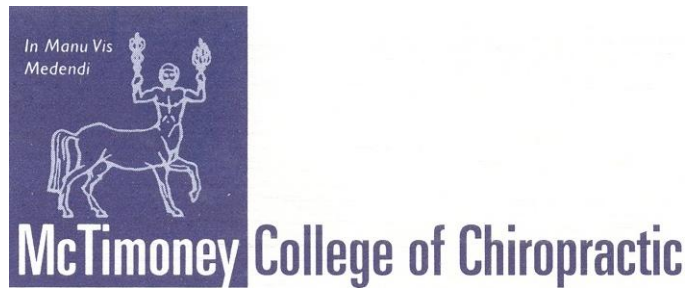


**PATHWAY TO HE CERTIFICATE IN HEALTH
PROSPECTUS
2012**

Enrolling now for our January intake!

This will enable you to join our September 2012 or January 2013
Chiropractic programme





PATHWAY TO HE CERTIFICATE IN HEALTH

Course Objective

The objective of this course is to provide access to a range of health studies programmes. It also provides an alternative route for those students who do not meet the current standard entry criteria for Chiropractic course. Specifically, it aims to provide students with the basic science background needed to begin a health degree course.

Aims

The aims of the course are to enable students to:

- gain knowledge and skills for optimising health career opportunities;
- engage with and employ acquired study skills to aid academic progression;
- realise potential and strive toward set goals in higher level education or training;
- gain confidence in their own abilities and capabilities;
- be better placed for embarking on health related careers

Teaching and Learning Experience

The course design is based on individual learning with an emphasis on the development of the basic concepts required for any health studies programme, but particularly the Chiropractic degree. Teaching and learning is formally undertaken through lectures, practical sessions, individual and small group assignments and home study.

Course Content

The course comprises the following elements:

- English Language, Study and Communication Skills
- Human Biology
- General Science
- Clinical and Professional Practice

The scientific content can be effectively divided into the following:

- Biological systems
- Environmental influences
- Foundation Chemistry
- Foundation Physics
- Foundation Maths

Palpation skills and professionalism are taught predominantly in practical workshops to encourage interactive and hands on learning.

Detailed Course Content

General Science

- Mathematics for health practitioners
 - Algebra
 - Equations
 - Handling data
 - Foundation chemistry:
 - Atomic structure
 - Periodic table
 - Bonding
 - Molecular organisation
 - Acids, bases and buffers
 - Organic chemistry:
 - Isomerism
 - Classes of organic compounds
 - Particles and Radiation:
 - Constituents of the atom
 - Stable and unstable nuclei
 - Physical chemistry
 - Matter
 - Energetics and reactions
 - Collision theory
 - Catalyst
 - Foundation biochemistry.
 - Biological molecules (amino acids, carbohydrates, lipids, proteins).
 - Biological reactions (enzymes & enzyme action).
 - Environmental chemistry.
 - Carbon and nitrogen cycles
 - Greenhouse effects.
 - Ozone layer – formation & depletion.
- Global warming
- Waves.
 - Wave behaviour.
 - Sound & light.
- Information transfer and waves
- Current Electricity:
 - Charge and potential difference;
 - Current/voltage characteristics;
 - Resistance;
 - Calculations using equations.
 - Mechanics:
 - Scalars and vectors;
 - Newton's laws of motion;
 - Calculations using equations.
 - Magnetism:
 - Electromagnetism;
 - Electromagnetic coil;
 - Lenz's Law.
 - Physics & The Universe.
 - Forces – gravity, EMF & nuclear forces
 - Particles
 - Age of the Universe

English Language, Communication and Study Skills

- Listening and note taking
- Academic writing
- Critical reading
- Study skills
- Basic IT skills
- Employability skills

Human Biology

- The body and its diseases:
 - The basis of a balanced diet
 - Enzymes
 - Microorganisms
 - Diseases and lifestyles.
- Origins and adaptations:
 - Nucleic acids
 - Cell growth and reproduction
 - Introduction to evolution theories
 - Physiological adaption to exercise
- Physiological systems:
 - Introduction to physiology
- Body Systems:
 - Musculoskeletal
- Nervous
- Endocrine
- Cardiovascular
- Respiratory
- Gastrointestinal Tract
- Renal
- Immunity
- Reproductive
- Environmental influences
 - Allergies
 - Pollution
 - Ecosystems

Clinical and Professional Practice

- Professionalism:
 - Conduct
 - Confidentiality
 - Respect, Tolerance
 - Personal Development
 - Reflective practice
- Medical and Professional Ethics:
 - Consent
 - Rationing of health care
 - Equity
 - Dignity.
- Accountability:
 - Decision making
 - Record keeping
 - Professional limitations
 - Health and Safety
- Inter-professional collaboration:
 - Communication
 - Barriers to inter-professional /multi-professional
- Practitioner skills:
 - Palpation
 - Touch
 - Connectivity
 - Patient handling and safety
- Patient Management:
 - Consultation Interview
 - Physical and psychological responses to care
 - Contraindications to care
 - Patient education
- Clinical practice:
 - Observation of practice
 - Hygiene procedures
 - Personal hygiene
 - Client hygiene
- Introduction to clinical rationale for care including:
 - Chiropractic
 - Osteopathy
 - Nursing
 - Physiotherapy
 - Acupuncture

Course Texts

(available for purchase at 10% discount from College Bookshop).

It is recommended that students should not purchase texts before starting on the course, as your lecturers will advise you of the essential purchases

- An Introductory guide to Anatomy & Physiology, Tucker
- Principles of Anatomy and Physiology, Tortora and Grabowski, 12th ed, Wiley †
- AS and A2 Complete Study and Revision Guide - Biology. Letts & Lonsdale
- AS and A2 Complete Study and Revision Guide - Chemistry. Letts & Lonsdale
- AS and A2 Complete Study and Revision Guide - Physics. Letts & Lonsdale
- GCSE Maths Revision Guide – Foundation Level. CGP Publisher.

† also a course book for Year 1 of the MChiro course

Modes of Study

Enrolling now!

We are currently enrolling our January 2012 intake for delivery at our Abingdon Centre. This is a full time equivalent route which spans one academic year, with attendance based upon approximately one in three weekends.

Please speak to us about the possibilities for later entry.

For September 2012 there will be three flexible pathways delivered from Abingdon and also from Manchester:

Full Time

This pathway offers a choice of two routes:

1. This pathway is run on a standard academic year, over two semesters from September to May, with three weekday attendances.
2. A full time equivalent route which spans one academic year, with attendance based upon approximately one in three weekends.

Part Time

1. A standard part time route, with a one weekday attendance over two years, from September to May with a summer break.

Course dates for 2012

Dates for September 2012 course available on application.

Dates for January 2012 intake below:

Saturday 21st January
Sunday 22nd January

Saturday 11th February
Sunday 12th February

Saturday 25th February
Sunday 26th February

Saturday 17th March
Sunday 18th March

Saturday 31st March
Sunday 1st April

Saturday 12th May
Sunday 13th May

Saturday 9th June
Sunday 10th June

Saturday 14th July
Sunday 15th July

Saturday 28th July
Sunday 29th July

Saturday 18th August
Sunday 19th August

Fees

An initial application fee of £50 should be submitted with the completed application form. This fee is non-refundable.

A Criminal Records Bureau fee (currently £52) is to be paid on enrolment. Students will not have to pay this again when they enrol onto the MChiro course, although there may be a requirement for another check prior to entering the Clinic year.

The course tuition fees for 2012 are normally payable in full prior to the start of the course.

January - September	£1,500
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