Master of Biomedical Science
going to be called Master of Science (Biomedical and Health Sciences)

The Master of Biomedical Science will replace the Master of Science (Biomedical and Health Sciences) in 2014.

During the interim period of enquiry and application through 2013, students are encouraged to follow the application processes outlined in the Master of Science (Biomedical and Health Sciences) course:

http://medicine.unimelb.edu.au/study-here/postgraduate_coursework_programs/MC-SCIBHS

The program offers graduate students a pathway into a research or other science-based career and/or graduate research (PhD) studies. It is an alternative to the Honours/PhD pathway. Students undertake a research project and discipline-specific coursework subjects. In addition, a suite of professional business and communications programs are offered to complement and enhance your research, and to progress career opportunities.

The course structure, subject offerings and entry requirements for this program remain unchanged, and until the Handbook entry and application details for the altered version are created, students are encouraged to apply for the existing Master of Science (Biomedical and Health Sciences) program.

MASTER OF BIOMEDICAL SCIENCE (MC-BMEDSC)
ACCEPTING ENROLMENTS FROM 2014

MASTER OF SCIENCE (BIOMEDICAL AND HEALTH SCIENCES) (MC-SCIBHS)
AVAILABLE FOR ENROLMENTS IN 2013
The Master of Biomedical Science offers graduates a new pathway into a research or other bioscience-based career, and/or PhD studies. Coordinating this course is the School of Medicine within the Faculty of Medicine, Dentistry and Health Sciences (MDHS), Australia’s largest biomedical research facility.

Research in the faculty is categorised into eight broad areas or domains:

- **Biosciences**
- **Cancer**
- **Cardiovascular**
- **Clinical sciences and health practice**
- **Diabetes, obesity and endocrinology**
- **Infection and immunity**
- **Neurosciences and behavioural sciences**
- **Public health, epidemiology and health services**

Supervisors are available from various departments in the School of Medicine, including various clinical departments. For more information about the School and to commence your search for a supervisor:


Depending on supervisor and project availability, you will undertake a research project in a range of disciplines, including:

- Anatomy and neurosciences (including Florey Neurosciences Institute)
- Biochemistry and molecular biology (including Bio21)
- Microbiology and immunology

**DURATION:**
Two years full-time
Four years part-time

**ENTRY REQUIREMENTS:**
An undergraduate degree with a major in an appropriate discipline, with at least 65% in the major (or equivalent). Students are expected to have organised an academic supervisor in the school, department or affiliate institute of the Faculty of Medicine, Dentistry and Health Sciences as part of the application process.

**CAREER OUTCOMES**
As a graduate of this program, you will gain an understanding of the research process, specialist knowledge and professional skills that are attractive to employers. You might consider employment options within the biomedical and health sector, such as:

- Research and development
- Health sector policy and management
- Services delivery
- Services coordination

This program provides a pathway to graduate research degrees, including a PhD.

**SUBJECT CHOICES**
You must complete a total of 200 credit points of study. Eligible students can apply for up to 75 points of credit for prior studies (advanced standing).

**DISCIPLINE SUBJECTS**
- Otolaryngology (hearing sciences)
- Paediatrics (including Murdoch Children’s Research Institute)
- Pharmacology
- Psychiatry
- Physiology
- Radiology
- Surgery (Austin, Royal Melbourne/ Western and St Vincent’s Hospitals)

To find out what projects students are currently undertaking or to look for a supervisor, refer to the course website where you can find links and guides to assist your search:

http://medicine.unimelb.edu.au/study-here/postgraduate_coursework_programs/MC-SCIBHS

**Professional skills subjects**
Select two subjects from:

- Business Tools: The Market Environment
- Business Tools: Money, People and Processes
- Thinking and Reasoning with Data
- Systems Modelling and Simulation
- Statistics for Research Workers
- Ethics and Responsibility in Science
- Science Communication
- Communication for Research Scientists
- e-Science

**REQUIREMENTS**
An undergraduate degree with a major in an appropriate discipline, with at least 65% in the major (or equivalent). Students are expected to have organised an academic supervisor in the school, department or affiliate institute of the Faculty of Medicine, Dentistry and Health Sciences as part of the application process.

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**SUBJECT CHOICES**
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Refer to:
https://policy.unimelb.edu.au/MPF1240

**DISCIPLINE SUBJECTS**
You are required to complete an introductory research methods subject in Semester 1 of your first year. Most students complete the intensive subject Introduction to Biomedical Research (commences in February), but some departments offer alternative introductory subjects.

With approval of your supervisor you can choose three other subjects relevant to your research project. Your department may specify particular subjects for Master of Biomedical Science students. Subjects may be selected from Master of Science or Masters coursework programs offered by the Faculty of MDHS (subject to eligibility and prerequisites).

**PROFESSIONAL SKILLS SUBJECTS**
Select two subjects from:

- Business Tools: The Market Environment
- Business Tools: Money, People and Processes
- Thinking and Reasoning with Data
- Systems Modelling and Simulation
- Statistics for Research Workers
- Ethics and Responsibility in Science
- Science Communication
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