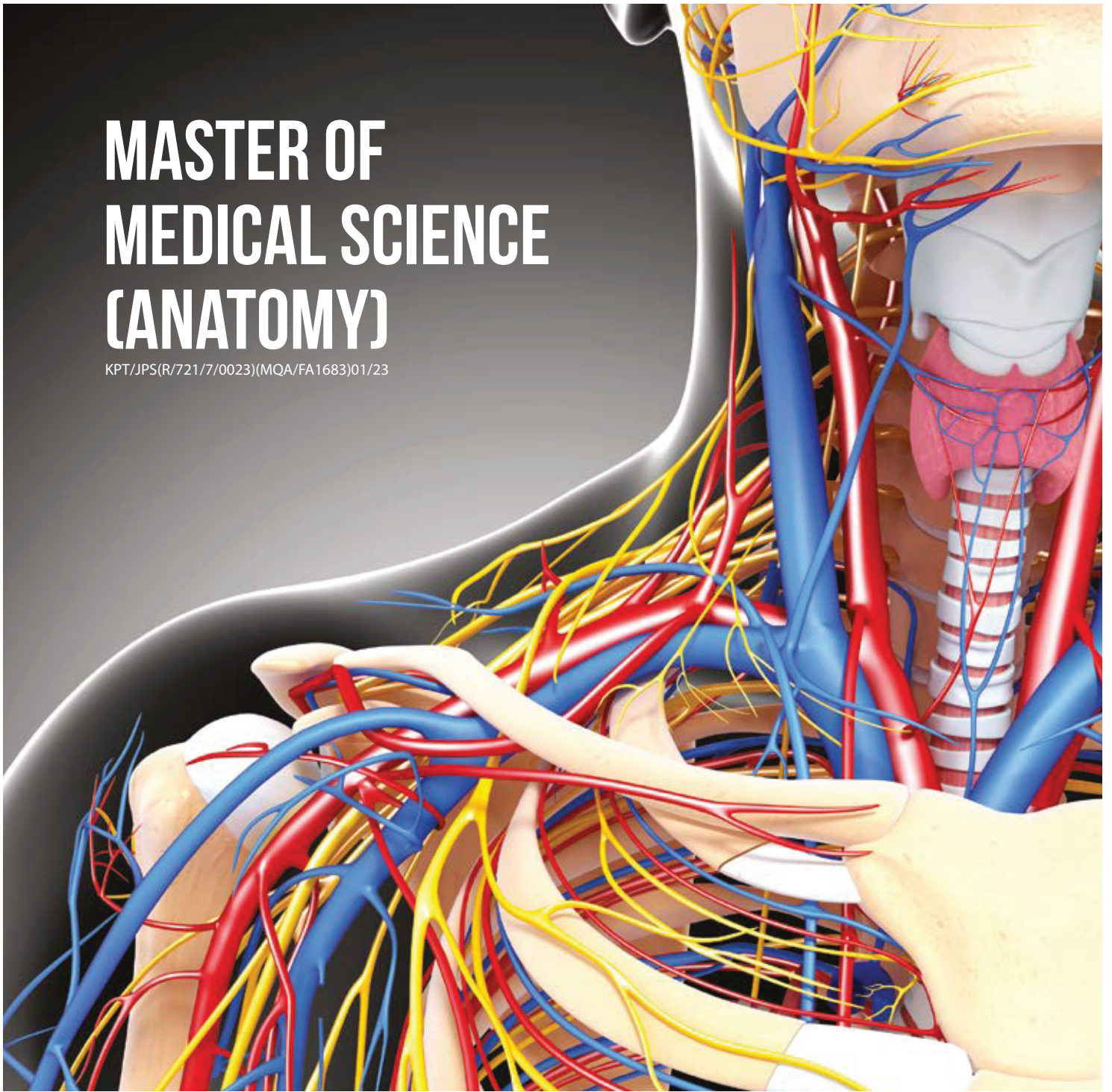




MAHSA
UNIVERSITY
DU044(B)

MASTER OF MEDICAL SCIENCE (ANATOMY)

KPT/JPS(R/721/7/0023)(MQA/FA1683)01/23

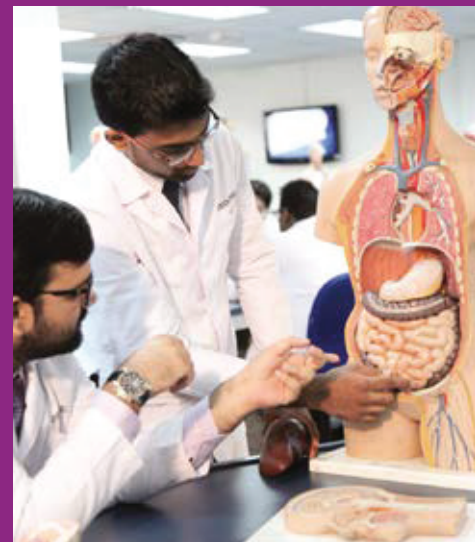




2. Aims

The programme aims to:

- PA1. Contribute to the establishment of a pool of medical educationists for medical and allied health faculties in planning, increase their effectiveness as teachers or trainers in their respective institutions.
- PA2. Provide advance knowledge and skills in anatomy and related fields.
- PA3. Develop a critical approach in evaluating anatomical information based on scientific knowledge and evidence.
- PA4. Develop skills in research methodology for conducting research and in evaluation of scientific papers.
- PA5. Develop planning and observational skills, and practical skills in undertaking detailed dissection of cadavers.
- PA6. Develop the lifelong learning process.
- PA7. Develop necessary skills for presentation of research work either orally and written.



3. Objectives

At the end of the programme students will be able to:

- PO1. Describe molecular and cell biology as the basis of good understanding of basic knowledge of anatomy.
- PO2. Describe gross anatomy of regions and body systems of the human.
- PO3. Describe embryological developmental and the underlining genetics involved in formation of foetal anomalies.
- PO4. Understand fundamental laboratory techniques and to demonstrate the use of laboratory equipment including the microscope.
- PO5. Source additional learning materials.
- PO6. Apply methods of scientific investigation, analyze experimental data and write a dissertation of experiment in scientific format.
- PO7. Demonstrate critical thinking skills.
- PO8. Should be able to perform detailed dissection of human cadavers.

4. Program structure

Subject

Year 1 Semester 1

- ANA 1013 Cell & Molecular Biology
- ANA 1023 Developmental Biology & Genetics
- ANA 1033 Gross Anatomy I
- Elective topics

Year 1 Semester 2

- ANAP 2023 Dissection
- ANA 1053 Neuroanatomy
- ANA 1043 Gross Anatomy II
- Elective Topic

Year 2 Semester 1

- ANA 2013 Research Methodology & Morphometry
- ANAP 2034 Advanced Dissection
- ANA 2043 Dissertation (Project paper)

Year 2 Semesters 2

- ANA 2010 Dissertation (Project work & Submission)

5. Career prospects

The main objective of this programme is to expose graduates to the science of anatomy and its clinical aspects. At the end of the course, candidates are expected to have to be able to apply the knowledge to real life and clinical situations. Candidates are academically qualified to teach both undergraduate and postgraduate students in tertiary institutions.

The Graduate Program in Anatomy prepares students for careers in research and teaching in the anatomical and life sciences, with emphasis on an integrative understanding of biological systems at levels ranging from the molecular to the organism. The goal is to generate anatomists who will be competitive in the academic, industrial, and/or government job markets of the coming decades.

The Master of Medical Science Degree in Anatomy is designed primarily for students who can then expect to continue onto doctoral studies (Ph.D., M.D., or the equivalent).

This option assures training in research techniques and in the preparation of scholarly papers, and it culminates in the preparation and defence of a thesis based on original research. The student's program of study is an initiation into methods of intense study and research in some selected area of anatomy.

The program of study includes a comprehensive oral examination of the material presented in the core anatomy courses and a written scholarly project focusing on a contemporary issue falling under one of the various sub disciplines of anatomy. The course option also includes the opportunity to learn fundamental laboratory techniques used in anatomical research and the chance to help teach in one or more of the department's graduate or undergraduate courses.

6. Entry requirement

- Bachelor's Degree in Zoology / Life Sciences / Biomedical / Health Sciences by a recognized university with CGPA of 3.00 or above; OR
- Bachelor's Degree in Medicine, Dentistry, Veterinary Science or Pharmacy by a recognized university with CGPA of 3.00 or above; OR
- Any other equivalent degrees recognized by the postgraduate committee; OR
- Bachelor's Degree or equivalent from related field with CGPA 2.50 with at least 3 years of working experience in related field; OR
- Shall satisfy the examiners in a qualifying examination if required.



1. Programme details :

Name of the Award : Master of Medical Science (Anatomy)

Credit value : 40 credit hours

Field of study : Medical Anatomy

Mode of Study : Full time course

Mode of Delivery : Lectures, Tutorials, Seminars, Assignments, Presentations, Dissections, Dissertation.

Duration of Study : 2 years (4 Semesters)



Vision and Mission of MAHSA University

To be committed to the delivery of education of the highest quality with emphasis on hands on training. To produce competent and highly skilled professionals through qualified, dedicated and experienced academic staff. To provide state of the art facilities to ensure the desired standards in education. To facilitate and enhance local and international networking for students and staff. To enhance and provide research and innovation opportunities at all levels.



www.mahsa.edu.my

Jalan SP2, Bandar Saujana Putra, 42610 Jenjarom, Selangor, Malaysia

 1800-88-0300  +603-7931 7118

 +603-5102 2200  marketing@mahsa.edu.my

Follow us :



MAHSA UNIVERSITY

MAHSA
UNIVERSITY