

Fields of Education

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Monash University is required to report to the Department of Education, Employment and Workplace Relations (DEEWR) the number of higher degree by research (HDR) students enrolled and completed within each discipline for funding purposes. Departments are therefore required to nominate the Field of Education Australian Standard Classification of Education (ASCED) for each new HDR student.

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Anaesthesiology

Detailed Field of Education: 060111

Anaesthesiology is the study of the medical specialisation concerned with administering drugs and other substances to achieve lack of sensation with or without loss of consciousness. Examples of this detailed field include administering anaesthetics; regional analgesia; and anaesthetic reactions.

Biochemistry and Cell Biology

Detailed Field of Education: 010901

Biochemistry and Cell Biology is the study of the chemistry of living organisms and the structure and function of cells. Examples include biosynthesis; cellular regulation; cytology; molecular biology; and metabolism.

Exclusion:

- Medical biochemistry is to be included in Field of Education 019901 Medical Science.

Biological Sciences not elsewhere classified

Detailed Field of Education: 010999

This detailed field includes all biological sciences not elsewhere classified. Examples include biogeography; bioinformatics; biophysics; mycology; neuroscience; and parasitology.

Community Health

Detailed Field of Education: 061309

Community Health is the study of health practices in the community which support and assist the management of disabilities and illness. Examples include current issues in Australian community health; and disabilities and illnesses as community issues.

Environmental Health

Detailed Field of Education: 061303

Environmental Health is the study of recognising, evaluating and controlling environmental factors affecting public health. Examples include environmental pollution effects on health; communicable disease management systems; food-borne disease prevention techniques; and public hygiene.

Epidemiology

Detailed Field of Education: 061311

Epidemiology is the study of the incidence, distribution and possible control of infectious and chronic diseases as they affect groups of people. Examples include disease and injury evaluation and surveillance; and infectious and chronic disease prevention.

Forensic Science

Detailed Field of Education: 019903

Forensic Science is the study of the application of scientific techniques to criminal investigations. Examples include ballistics; blood splash pattern analysis; crime scene investigation; fingerprint enhancement and identification; trace evidence; and fire and explosion investigation.

General Medicine

Detailed Field of Education: 060101

General Medicine is the study of the clinical presentation and treatment of diseases. Examples include clinical diagnosis; and diseases affecting humans.

General Practice

Detailed Field of Education: 060119

General Practice is the study of providing primary and continuing medical care to patients in a community setting. It is particularly concerned with providing family and community oriented health care. Examples include early diagnosis; medication prescription and administration; and primary, personal and continuing medical care.

Genetics

Detailed Field of Education: 010909

Genetics is the study of heredity and the units of biological inheritance. Examples include cytogenetics; genotypes; microbial genetics; gene expression; molecular genetics; monohybrids; and phenotypes.

Exclusion:

- Recombinant DNA technology is to be included in Field of Education 019905 Food Science and Biotechnology.

Health not elsewhere classified

Detailed Field of Education: 069999

This detailed field includes all Health not elsewhere classified. Examples include pain management; and respiratory science.

Health Promotion

Detailed Field of Education: 061307

Health Promotion is the study of promoting a healthy lifestyle and influencing behaviour to improve health. Examples include health promotion programme planning; health promotion principles, goals and concepts; social perspectives of health; and health promotion strategies and evaluation.

Human Biology

Detailed Field of Education: 010913

Human Biology is the study of human and primate anatomy, physiology, evolution and biosocial interactions. Examples include biological anthropology; human histology; human evolution and variation; human growth, development and reproduction; and primatology.

Indigenous Health

Detailed Field of Education: 061305

Indigenous Health is the study of the health of the indigenous population within the broader context of socio-economic development of Aboriginal and Torres Strait Islander communities. Examples include indigenous health care delivery approaches; indigenous caring and healing practices; indigenous child health; indigenous community health; and indigenous primary health care.

Medical Science

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Detailed Field of Education: 019901

Medical Science is the study of the application of physics, biology and chemistry to medicine. Examples include biomedical science; clinical and medical biochemistry; medical biotechnology; clinical and medical microbiology; and medical physics.

Exclusions:

- Biomedical Engineering is to be included in Field of Education 039903 Biomedical Engineering.
- Pathology and Histopathology is to be included in Field of Education 060113 Pathology.
- Radiology is to be included in Field of Education 060115 Radiology.

Medical Studies not elsewhere classified

Detailed Field of Education: 060199

This detailed field includes all Medical Studies not elsewhere classified. Examples include dermatology; oncology; and ophthalmology.

Microbiology

Detailed Field of Education: 010911

Microbiology is the study of microscopic forms of life such as bacteria, viruses and protozoa. Examples include microbial ecology; microbial physiology; microbial taxonomy; and virology.

Exclusion:

- Medical microbiology is to be included in Field of Education 019901 Medical Science.

General Nursing

Detailed Field of Education: 060301

General Nursing is the study of the principles and practices of providing preventative, curative and rehabilitative care to individuals and groups. Examples include health status analysis and interpretation; nursing care in a variety of settings; and nursing practice.

Obstetrics and Gynaecology

Detailed Field of Education: 060107

Obstetrics and Gynaecology is the study of the medical specialisation concerned with the care of women during pregnancy, labour and after childbirth, and the prevention, diagnosis and treatment of diseases of the female reproductive system. Examples include foetal development; gynaecological and obstetric conditions treatment; and female reproductive system diseases.

Occupational Health and Safety

Detailed Field of Education: 061301

Occupational Health and Safety is the study of recognising, evaluating and controlling environmental factors associated with the interaction of individuals and the workplace. Examples include principles of health and safety in the workplace; national occupational health and safety standards; workplace health and safety programmes; hazard management; and ergonomics.

Occupational Therapy

Detailed Field of Education: 061703

Occupational Therapy is the study of treating physical, cognitive and psychiatric conditions through activities in order to optimise functioning and independence in daily life. Examples include patient's independence level assessment; tailoring treatment programmes; occupational rehabilitation; and occupational role development.

Paediatrics

Detailed Field of Education: 060109

Paediatrics is the study of the medical specialisation concerned with normal physical growth and development from birth through to late adolescence. It includes preventing, diagnosing and treating diseases and uncommon disorders in children and adolescents. Examples include physical growth and development of children; child and adolescent diseases; and neonatology.

Paramedical Studies

Detailed Field of Education: 069905

Paramedical Studies is the study of the emergency treatment of the sick and injured prior to and during transfer to a hospital or medical facility. Examples include ambulance principles and practice; fundamentals of paramedicine; pre-hospital health service delivery issues; out of hospital practice; patient transport attendance; and specialist life support equipment.

Pathology

Detailed Field of Education: 060113

Pathology is the study of the medical specialisation concerned with the causes and effects of diseases, including the structural and functional changes of body organs, tissues and fluids, and the systematic methods of detecting these changes. Examples include disease origin, nature and course; histopathology; pathology tests interpretation and evaluation; and post-mortem examination.

Pharmacology

Detailed Field of Education: 019907

Pharmacology is the study of the development, uses and effects of drugs. Examples include clinical drug trials; drug analysis; pharmacodynamics; pharmacokinetics; and toxicology.

Physiotherapy

Detailed Field of Education: 061701

Physiotherapy is the study of assessing people with temporary and longer term physical injuries and movement disorders, and restoring maximum movement and functional ability. Examples include electrotherapy and electrophysical agents; movement training and rehabilitation; and normal and abnormal musculoskeletal function.

Psychiatry

Detailed Field of Education: 060105

Psychiatry is the study of the medical specialisation concerned with diagnosing, preventing and treating diseases and disorders of the mind. Examples include patient's psychiatric state assessment; child psychiatry; developmental psychiatry; and psychiatric syndromes and phenomena.

Psychology

Detailed Field of Education: 090701

Psychology is the study of the science of human nature and of mental states and processes. It includes the study of human and animal nature. Examples include research methods in psychology; behaviourism; personality theory and assessment; and psychotherapy.

Public and Health Care Administration

Detailed Field of Education: 080313

Public and Health Care Administration is the study of planning and directing the functions and operations of organisations whose primary objective is the provision of services for the public good. Examples include Australian health system; public sector guidelines and procedures; public organisations and their role; and health planning, policy and programme evaluation.

Public Health

Detailed Field of Education: 061399

This detailed field includes all Public Health not elsewhere classified. Examples include social health; tropical medicine; and infection control.

Radiography

Detailed Field of Education: 061501

Radiography is the study of technologies which use ionising and non-ionising (e.g. ultrasound) radiation for producing diagnostic images and administering radiation therapy. Examples include medical imaging equipment operation; radioactive materials preparation; radiation exposure factors; radiographic examination methods; and radiological dosimetry.

Exclusions:

- Developing Diagnostic Imaging Systems is to be included in Field of Education 039903 Biomedical Engineering.
- Radiology is to be included in Field of Education 060115 Radiology.
- Dental radiography is to be included in Field of Education 060799 Dental Studies not elsewhere classified.

Radiology

Detailed Field of Education: 060115

Radiology is the study of the medical specialisation concerned with using radioactive substances, X-rays and other ionising radiation to diagnose, treat and follow the course of disease and its response to treatment. Examples include medical images interpretation and evaluation; nuclear medicine; and tumour radiation treatment.

Social Work

Detailed Field of Education: 090501

Social Work is the study of promoting, restoring, maintaining and enhancing the functioning of individuals, families, social groups, organisations and communities by the utilisation of resources within individuals and the social environment in order to alleviate social problems. Examples include agency intervention; crisis intervention; social work analysis; and social work theory.

Surgery

Detailed Field of Education: 060103

Surgery is the study of the medical specialisation concerned with principles and practices for treating diseases, injuries, defects and deformities by manual operation and manipulation, and by using instruments and appliances. Examples include post-operative patient progress monitoring; surgical diagnosis; and surgical procedures and techniques.

Exclusions:

- Oral Surgery is to be included in Field of Education 060701 Dentistry.
- Veterinary Surgery is to be included in Field of Education 061101 Veterinary Science.

Veterinary Science

Detailed Field of Education: 061101

Veterinary Science is the study of diagnosing and treating animal diseases, ailments and injuries, and preventing and containing the spread of animal diseases. Examples include veterinary pathology; animal health; and medical and surgical procedures on animals.