



Faculty of Medicine



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Research and education in medicine and health care

- 13 departments, 3 science centres
- 1 237 employees, 43 % are lecturers/scientists
- 12 academic programmes
- 3 608 full year undergraduate students
- 523 postgraduate students, 295 women
- About 80 postgraduate subdisciplines
- Total yearly turnover: 1 538 million SEK (2013), including 418 millions in external grants

(The data relating to the year 2013)



Milestones

- Parliamentary bills 1946 och 1947 suggesting higher education and state hospital in Umeå
- Science Library 1951
- Dental clinic 1956, Dentist programme 1957
- Medicine programme 1957
- Umeå University inaugurated 1965
- Health care education integrated from 1997, completely 2002
- Faculties of Medicine and Odontology merged, July 1999
- Name change to Faculty of Medicine, April 2004
- Clinical parts of the Medical programme also in Sunderbyn, Sundsvall and Östersund – organizing started 2008 and was completed january 2014



Departments

- **Clinical Microbiology**
- **Clinical Sciences**
- **Community Medicine and Rehabilitation**
- **Integrative Medical Biology**
- **Medical Biosciences**
- **Medical Biochemistry and Biophysics**
- **Molecular Biology**
- **Nursing**
- **Odontology**
- **Pharmacology and Clinical Neuroscience**
- **Public Health and Clinical Medicine**
- **Radiation Sciences**
- **Surgical and Perioperative Sciences**



Science Centres

- **UFBI — Umeå centre for Functional Brain Imaging**
 - Started in 2001
 - Developing brain-imaging research with fMRI and other methods
 - More information on www.umeabrainimaging.com

- **UCMM — Umeå Centre for Molecular Medicine**
 - Started in 1999. Since 2007 a part of Faculty of Medicine.
 - Integrates molecular biology and clinical sciences
 - 10 independent research groups (2012)

- **UCMR — Umeå Centre for Microbial Research**
 - Includes the Swedish node in The Nordic EMBL Partnership for Molecular Medicine, MIMS.
 - Started in 2007. More information on www.ucmr.se



Education

➤ Undergraduate level

- More than 50% of faculty budget: 390 million SEK (budget 2013)
- 12 academic programmes, most of them preparing for occupations in the health care sector
- All programmes are research connected
- Education are given by the departments; a programme can have teachers from one or more departments

➤ Continuation courses

- Magister and Master degree programmes
- Specialist courses for nurses
- Psychotherapy



Programmes, Medicine

- **Biomedicine Programme + Master, 180/300 ECTS cr.**
 - Total students: 105 HST (budget 2013)

- **Coach Programme, aimed at Sports Physiology, Sports Medicine and Sports Psychology , 180/240 ECTS cr.**
 - Started in 2006, cooperation with Faculty of Social Sciences
 - Total students: 100 HST

- **Speech Therapist Programme, 240 ECTS cr.**
 - Total students: 24 HST
 - Admission September 2013
 - Cooperation with two other faculties

- **Medicine Programme, 330 ECTS cr.**
 - Total students: 1 033 HST
 - Parts in Sunderbyn, Sundsvall and Östersund

HST = full time student - cr. = credits; 60 credits = 1 year



Programmes, Odontology

- **Dental Hygienist Programme incl. supplementary year in Oral Health, 120/180 ECTS cr.**
 - Total students: 83 HST

- **Dental Technician Programme, 180 ECTS cr.**
 - Total students: 77 HST

- **Dentist Programme, 300 ECTS cr.**
 - Total students: 300 HST



Programmes, health care (1)

- **Nursing Programme, 180 ECTS cr.**
 - Total students: 747 HST
 - In Umeå, Skellefteå and Örnsköldsvik
 - Internet based version in Lycksele, next start September 2014

- **Radiology Nursing Programme, 180 ECTS cr.**
 - Total students: 50 HST



Programmes, health care (2)

- **Biomedical Analysis Programme**
180 ECTS cr.
 - Total students: 98 HST

- **Occupational Therapist Programme, 180 ECTS cr.**
 - Total students: 202 HST incl. Master in picture based therapy

- **Physiotherapist Programme**
180 ECTS cr.
 - Total students: 182 HST incl. Master



Continuation courses

Specialist education for nurses:

- Midwifery Programme, 90 ECTS cr – 20 HST
- Specialist courses, 60-75 cr, about 10 different.

Magister degree (240 ECTS) programmes:

- Nursing
- Sports Medicine

Master degree programmes, main disciplines:

- Dental Technology
- Occupational Therapy
- Public Health
- Physiotherapy
- Biomedicine
- Medical Biochemistry (Biomedicine)
- Medical Microbiology (Biomedicine)
- Nursing



Continuation programme, Psychotherapy

Four branches:

- Child and Youth Psychotherapy
- Family Therapy
- Psychodynamics
- Cognitive and Behavior Therapy



Research

- Government grants: 244 million SEK (budget 2013)
- Substantial and growing external fundings: 408 million SEK (2012)
- Most of the research in the departments
- Three Science Centres, mainly research oriented:
 - Umeå Centre for Molecular Medicine (UCMM)
 - Umeå Centre for Microbial Research (UCMR)
 - Umeå centre for Functional Brain Imaging (UFBI)



Postgraduate education

- The bridge from undergraduate education to research
- One main discipline – Medical Science – and about 80 subdisciplines, including 19 in Odontology
- Aimed for Doctorate (PhD) or Licentiate degree
- About 523 registered postgraduate students, 295 women (2013)
- 86 admitted students in 2013, of which 59 women
- Examination 2013: 86 PhD