

	University of Illinois at Chicago	University of Illinois at Urbana-Champaign
Website	http://www.uic.edu/depart-times/spha	http://www.chlth.uiuc.edu/
Rating/Ranking	Accredited School of Public Health	
School (Center)	School of Public Health	Graduate College, College of Applied Life Studies
Department (School)	Department of Community Health Sciences, Department of Environmental and Occupational Health, Department of Epidemiology and Biostatistics, Department of Health Policy and Administration.	Department of Community Health
Division (Department)		
Foundation	1970 (school)	
Budget		
Faculty	46 full-time, 4 part-time	14 full-time, 1 part-time
Students	46 full-time, 77 part-time	33 full-time
Degree	MPH, DrPH, MS, PhD.	MS, MSPH, PhD.
Duration	DrPH -- 2 years beyond the MPH or 3 years for students without a public health degree.	MS, MSPH -- 2 years. PhD -- 3 to 4 years beyond master's level.
Degree Requirement	MPH -- a 38-60 semester hours, field practicum, master's essay. DrPH -- 96 semester hours (including up to 32 hours from a previous public health-related master's degree), internship, a qualifying examinations, final oral examination consisting of a public presentation or report, a research thesis, dissertation. MS -- 48 semester hours, oral examination. PhD -- 96 semester hours (which may include up to 32 credits earned for an MS degree in public health sciences, instructional experience, qualifying examinations, final oral examination consisting of a public presentation or report, a research thesis, dissertation.	MS, MSPH -- a minimum of 10 to 12 units of graduate credit, thesis research. PhD -- a minimum of 16 units of graduate credit beyond the masters degree, a series of written preliminary exams, a dissertation proposal and oral presentation, dissertation.
Special Programs	Continuing Education, Distance Learning.	
Financial Aid	In 2000-01, 51 students received aid.	
International Student/ TOEFL	27 international students.	3 international students

	University of Iowa	University of Kansas at Wichita
Website	http://www.public-health.uiowa.edu/	http://wichita.kumc.edu/prevmed
Rating/Ranking	Accredited School of Public Health	
School (Center)	Graduate College, College of Public Health	Graduate Studies Medical Center, Graduate Programs in Biomedical and Basic Sciences
Department (School)	Department of Biostatistics, Department of Community and Behavioral Sciences, Department of Occupational and Environmental Health, Department of Epidemiology, Department of Health Management and Policy.	Department of Preventive Medicine
Division (Department)		
Foundation		
Budget		\$1.5 million (research expenditure)
Faculty	38 full-time	20 full-time, 1 part-time
Students	94 full-time, 50 part-time	14 full-time, 42 part-time
Degree	MHA, MPH, MS, PhD, JD/MHA, JD/MPH, MBA/MHA, MHA/MA, MHA/MS, MPH/MHA.	MPH, MD/MPH.
Duration		MPH -- 12 months, within 6 years.
Degree Requirement	MPH -- 39 semester hours of credit, practicum. MHA -- 60 semester hours of credit. MS -- 38 semester hours of course work, master's thesis or final examination. PhD -- 72 to 90 semester hours of credits, qualifying examination and comprehensive examination, dissertation.	MPH -- 36 credit hours, practicum or thesis.
Special Programs	Certificate in Public Health, Distance Education, Summer Institute, Occupational Medicine Residency, Psychiatric Epidemiology/Biometry Postdoctoral Training Program (with College of Medicine Department of Psychiatry).	Continuing Education (Satellite Programs, Tobacco and Public Health Certificate Program).
Financial Aid	In 2000-01, 20 fellowships, 61 research assistantships.	In 2000-01, 43 students received aid.
International Student/ TOEFL	33 international students	5 international students

	University of Maryland, College Park	University of Massachusetts Amherst
Website	http://www.dpch.umd.edu/	http://www.umass.edu/sphhs
Rating/Ranking		Accredited School of Public Health
School (Center)	Graduate Studies and Research, College of Health and Human Performance	Graduate School, School of Public Health and Health Sciences
Department (School)	Department of Public and Community Health	Department of Biostatistics and Epidemiology, Department of Communication Disorders, Department of Community Health Sciences, Department of Environmental Health Sciences, Department of Exercise Sciences, Department of Nutrition.
Division (Department)		
Foundation		
Budget		
Faculty	31 full-time, 9 part-time	27 full-time
Students	37 full-time, 40 part-time	80 full-time, 33 part-time
Degree	MPH in Community Health, MA, Ed D, PhD in Health Education.	MPH, MS, PhD.
Duration	MPH -- within 5 years. PhD -- within 9 years.	
Degree Requirement	MPH -- 42 credit hours, internship, MPH project or thesis. PhD -- coursework, qualifying examination, dissertation.	
Special Programs	Continuing Education (short courses)	Distance Learning (MPH, Certificate Program)
Financial Aid	In 2000-01, 1 research assistantship with tuition reimbursements, 23 teaching assistantships with full tuition reimbursements.	In 2000-01, 6 fellowships with full tuition reimbursements, 36 research assistantships with full tuition reimbursements, 23 teaching assistantships with full tuition reimbursements.
International Student/ TOEFL	11 international students	27 international students

	University of Michigan	University of Minnesota Twin Cities Campus
Website	http://www.sph.umich.edu/	http://www.sph.umn.edu/
Rating/Ranking	Accredited School of Public Health, US News Best Graduate School 2000-- Public Health Rank 4.	Accredited School of Public Health
School (Center)	School of Public Health	School of Public Health
Department (School)	Department of Biostatistics, Department of Environmental Health Sciences, Department of Epidemiology, Department of Health Behavior and Health Education, Department of Health Management and Policy, Interdepartmental Concentrations.	Division of Biostatistics, Division of Environmental and Occupational Health, Division of Epidemiology, Division of Health Services Research Policy.
Division (Department)		
Foundation	1941	
Budget		
Faculty		87 full-time, 15 part-time
Students		238 full-time, 169 part-time
Degree	MPH, Master of Health Services Administration (MHSA), MS, PhD, DrPH, JD/MHSA, MD/MPH, MHSA/AM, MHSA/MBA, MHSA/MPP, MHSA/MS, MPH/AM, MPH/MPP, MSW/MPH, MPH/AM, MPH/MS.	MPH, MS, PhD, JD/MS, JD/PhD, MBA/MPH, MD/PhD, MPH/MS, MPP/MS, MSW/MPH.
Duration	MPH -- 2 years	MPH -- within 7 years
Degree Requirement	MPH -- 60 credit hours.	MPH -- coursework, field placement, written or oral examination.
Special Programs	Population Fellows Programs, Community Health Scholars Post-doctoral Program.	Life-long Learning -- Public Health Education (Courses for occupational health and safety, Public Health Practice Program), Program in Public Health Medicine (PHM), Executive Program in Public Health Practice (EPHP), Public Health Certificate in Core Concepts (PHCert-CC).
Financial Aid		
International Student/ TOEFL		

US graduate programs

	University of North Carolina at Chapel Hill	University of North Texas
Website	http://www.sph.unc.edu/	http://www.hsc.unt.edu/education/sph
Rating/Ranking	Accredited School of Public Health, US News Best Graduate School 2000-- Public Health Rank 3.	
School (Center)	Graduate School, School of Public Health	Health Science Center
Department (School)	Department of Biostatistics, Department of Environmental Sciences and Engineering, Department of Epidemiology, Department of Health Behavior and Health Education, Department of Health Policy and Administration, Department of Instructional and Informational System, Department of Maternal and Child Health, Department of Nutrition.	School of Public Health
Division (Department)		Department of Biostatistics, Department of Environmental Health Sciences, Department of Epidemiology, Department of Health Management and Policy, Department of Social and Behavioral Sciences.
Foundation	1936 (school)	
Budget	\$35.6 million (research expenditure)	
Faculty	177 full-time, 365 part-time	14 full-time, 1 part-time
Students	654 full-time, 468 part-time	41 full-time, 68 part-time
Degree	Interdisciplinary: Leadership MPH, DrPH. Departmental: MPH, MSPH, MS, MHA, DrPH, PhD, DDS/MPH, JD/MPH, MBA/MHA, MD/MPH, MD/PhD, MHA/MAC, MSPH/MSW.	MPH, DrPH.
Duration	Master's-2 years full-time, 4 years part-time; doctorate-3 years full-time, 6 years part-time.	MPH -- within 6 years.
Degree Requirement	MPH -- coursework, supervised field training, a master's thesis or paper, final written or oral examination. MSPH -- a minimum of 30 semester hours, at least 15 semester hours in the specialized field, supervised field training, a master's thesis or paper, final written or oral examination. MHA -- a minimum of 51 semester hours of courses, supervised field training, a master's thesis or paper, final written or oral examination. DrPH -- a minimum of 18 semester hours of course work beyond MPH, examinations, dissertation.	MPH -- a minimum of 45 semester credit hours, thesis or professional report or comprehensive exam. Dr PH -- 52 to 54 semester credit hours, two journal articles, qualifying examinations, dissertation.
Special Programs	Public Health Leadership Program (MPH & DrPH), Continuing Education (Courses & Conferences, On-line Programs).	
Financial Aid	In 2000-01, 136 fellowships with full and partial tuition reimbursements, 217 research assistantships with partial tuition reimbursements, 71 teaching assistantships with partial tuition reimbursements.	In 2000-01, 9 research assistantship with partial tuition reimbursements, 2 teaching assistantships.
International Student/ TOEFL	171 international students	

	University of Oklahoma	University of Pittsburgh
Website	http://w3.ouhsc.edu/coph	http://www.pitt.edu/~gsphhome
Rating/Ranking	Accredited School of Public Health	Accredited School of Public Health
School (Center)	Health Science Center	Graduate School of Public Health
Department (School)	College of Public Health	Department of Biostatistics, Department of Environmental and Occupational Health, Department of Epidemiology, Department of Health Services Administration, Department of Human Genetics, Department of Infectious Disease and Microbiology.
Division (Department)	Department of Biostatistics and Epidemiology, Department of Health Administration and Policy, Department of Health Promotion Sciences, Social and Behavioral Sciences, Department of Occupational and Environmental Health.	
Foundation		
Budget		\$70million(budget), \$44million (research fund)
Faculty		115 full-time, 7part-time, Total staff is 467
Students		250 full-time, 248 part-time
Degree	MPH, MHA, MS, DrPH, PhD, JD/MPH, JD/MS, MBA/MPH.	MPH, MS, MHA, DrPH, PhD, JD/MPH, MPH/MHA, MPH/PhD.
Duration		
Degree Requirement	MPH -- a minimum of 44 semester hours, examinations. DrPH -- coursework, general examination, and dissertation.	
Special Programs		Certificate Program (Radiation Health and Environmental Health Risk Assessment)
Financial Aid		
International Student/ TOEFL		25% are international students.

US graduate programs

	University of Rochester	University of Medicine and Dentistry of NJ/Rutgers
Website	http://www.urmc.rochester.edu/smd/cpm	http://sph.umdnj.edu/
Rating/Ranking		Accredited School of Public Health
School (Center)	School of Medicine and Dentistry, Graduate Programs in Medicine and Dentistry	School of Public Health
Department (School)	Department of Community and Preventive Medicine	
Division (Department)		
Foundation		
Budget		
Faculty		
Students	11 full-time, 53 part-time	28 full-time, 206 part-time
Degree	MPH, MPH/PhD, MBA/MOH, MD/MPH, MPH/MS.	MPH, DrPH (Environmental and Occupational Health and Health Education and Behavioral Sciences), PhD (Biometrics, Epidemiology, Environmental and Occupational Health, and Health Education and Behavioral Sciences), MBA/MPH, MD/MPH.
Duration		MPH -- within 5 years
Degree Requirement		MPH -- 45 credit hours, PhD, DrPH -- 72 credit hours and a one-year full-time residency.
Special Programs	Continuing Education (Rochester Clinical Research Curriculum; Maternal and Child Health Epidemiology Certificate; Graduate Certificate in Aging; Maternal and Child Health Analytic Training for the Year).	Occupational Medicine Residency Program
Financial Aid		
International Student/ TOEFL		

	University of South Carolina	University of Southern California
Website	http://www.sph.sc.edu/	http://www.usc.edu/schools/medicine/education/mph
Rating/Ranking	Accredited School of Public Health	
School (Center)	Graduate School, Norman J. Arnold School of Public Health	School of Medicine
Department (School)	Department of Communication Sciences and Disorders, Department of Environmental Health Sciences, Department of Epidemiology and Biostatistics, Department of Exercise Science, Department of Health Administration, Department of Health Promotion and Education .	Department of Preventive Medicine, Program in Public Health
Division (Department)		
Foundation		
Budget		\$8 Million (research expenditure)
Faculty		13 full-time, 3 part-time
Students		44 full-time, 14 part-time
Degree	MPH	MPH
Duration		
Degree Requirement		MPH -- coursework, public health practicum.
Special Programs		
Financial Aid		In 2000-01, 7 students received including 4 research assistantships with full tuition reimbursements, 3 teaching assistantships with full tuition reimbursements.
International Student/ TOEFL		3 international students.

US graduate programs

	University of Southern Mississippi	University of South Florida
Website	http://www.usm.edu/chs	http://www.hsc.usf.edu/publichealth
Rating/Ranking		Accredited School of Public Health
School (Center)	Graduate School, College of Health and Human Sciences	Graduate School, College of Public Health
Department (School)	Center for Community Health	Department of Community and Family Health, Department of Environmental and Occupational Health, Department of Epidemiology and Biostatistics, Department of Health Policy and Management.
Division (Department)		
Foundation		1984 (college)
Budget		\$25 million (research fund)
Faculty	10 full-time, 1 part-time	77 full and part-time
Students	47 full-time, 21 part-time	600 full-time and part-time
Degree	MPH	Departmental: MPH, MSPH. MPH in Global Health. Department of Health Policy and Management: MHA. All departments except Biostatistics: PhD. Dual degrees: MPH/MSW, MPH/MA, MPH/MS.
Duration		Masters -- 2 years.
Degree Requirement		MPH -- 36 hours of courses, 1 to 12 hours of field experience, comprehensive exam. MSPH -- 36 hours of courses, thesis research. PhD -- a minimum of 45 credit hours, qualifying written and oral examinations, dissertation.
Special Programs		Distance Learning (MPH), Executive MPH Program.
Financial Aid	In 2000-01, 2 research assistantships with full tuition reimbursements, 1 teaching assistantships with full tuition reimbursements.	
International Student/ TOEFL		TOEFL 550 or 213(CBT)

	University of Texas at Houston	University of Washington
Website	http://www.sph.uth.tmc.edu/	http://depart-times.washington.edu/sphcm
Rating/Ranking	Accredited School of Public Health	Accredited School of Public Health, US News Best Graduate School 2000-- Public Health Rank 5.
School (Center)	Health Science Center	Graduate School, School of Public Health and Community Medicine
Department (School)	School of Public Health	Department of Biostatistics, Department of Environmental Health, Department of Epidemiology, Department of Health Services, Department of Pathology.
Division (Department)		
Foundation		
Budget		
Faculty		153
Students		544
Degree	MPH, MS, DrPH, PhD, JD/MPH, MD/MPH, MSN/MPH.	MPH, MS, MHA, PhD, DDS/PhD, MBA/MHA, MD/MPH, MF/PhD, MHA/MN, MN/MPH, MPH/MAIS, MPH/MSW.
Duration		Master's-2 years full-time, 3.5 years part-time; doctorate-4 to 6 years full-time.
Degree Requirement		MS -- 69 credits, master's thesis. MPH -- 63 credits, practicum experience, master's thesis. MHA -- 72 credits, internship. PhD -- 90 credits, preliminary examination, general examination, final examination (defense of thesis), dissertation.
Special Programs	Video Distance Education (about 35 courses on public health topic)	Continuing Education (Certificate Program in Medical Management, Environmental Health Courses), Distance Learning (Extended MPH degree program).
Financial Aid		
International Student/ TOEFL		

US graduate programs

	Virginia Commonwealth University	Yale University
Website	http://www.medschool.vcu.edu/dept/prevmed.html	http://www.info.med.yale.edu/eph
Rating/Ranking		Accredited School of Public Health
School (Center)	School of Graduate Studies and School of Medicine, School of Medicine Graduate Program	School of Medicine
Department (School)	Department of Preventive Medicine and Community Health	School of Public Health
Division (Department)		Division of Biostatistics, Division of Chronic Disease Epidemiology, Division of Environmental Health Sciences, Division of Epidemiology of Microbial Diseases, Division of Health Policy and Administration, Division of Global Health.
Foundation		
Budget		\$12.5 million (research expenditure)
Faculty		25 55 full-time, 39 part-time
Students	21 full-time, 22 part-time	275 full-time, 13 part-time
Degree	MPH, MPH/MD.	MPH, MS, PhD.
Duration	MPH -- 12 months.	Master's-2 years full-time, 3 years part-time; doctorate-6 years full-time.
Degree Requirement	MPH -- 36 credit hours, research project.	MPH -- 60 credit hours, internship, master's thesis. MS -- 15 term courses, master's thesis, oral presentation. PhD -- a minimum of 16 term courses or the equivalent, comprehensive examinations, prospectus.
Special Programs		
Financial Aid		In 2000-01, 21 fellowships with full tuition reimbursements, 4 research assistantships with full tuition reimbursements.
International Student/ TOEFL	TOEFL 600.	41 international students.

英国における衛生学・公衆衛生学の卒後教育

1. 調査方法

1.1 調査対象機関

2001年のResearch Assessment Exercise (RAE。2.4 評価システムの章を参照)の結果を参照し、「Epidemiology, Public Health Research and Health Services Research」分野に分類されている18大学の卒後教育プログラムを調査対象として選定した。したがって、本調査の調査対象機関は、RAEによって衛生学・公衆衛生学分野に分類されたすべての卒後教育プログラムである。

1.2 資料収集

本調査に使用する資料を以下の方法で収集した。第一に、18大学のウェブサイトを検索し、衛生学・公衆衛生学関連のプログラムの情報を掲載しているウェブページを探し出した。第二に、上記のウェブページに掲載されている連絡先にメールを送り、大学案内(Prospectus)を郵送するように依頼した。その結果、約7割の大学から大学案内が送付された。

これらの英国の衛生学・公衆衛生学関連のプログラムのうち、University of OxfordはRAEに最も高く評価される大学の一つであり、重要な位置を占めている。しかし、ウェブページに十分な情報が掲載されておらず、大学案内も送付されなかったことから、詳しい様子かわからず、本調査の結果に十分に反映されていない。

1.3 分析方法

以上の方法により収集したウェブページと大学案内書を使用して、以下の項目について情報を集めた。

組織と運営 —— 「高等教育機関での位置付け (School/College, Unit 1, Unit 2, Unit within Public Health)」「衛生学・公衆衛生学領域の中の組織 (Department/ Division)」「設立年 (Foundation)」「教員数 (Faculty)」「学生数 (Student)」「研究費・予算 (Budget)」

教育プログラム —— 「学位の種類 (Degree)」「修了年限 (Duration)」「修了要件 (Degree Requirement)」「履修・実習カリキュラム (Curriculum)」「特別プログラム (Special Program)」「財政援助 (Financial Aid)」「外国人学生 (International Student)」「卒業後の進路 (Career)」

組織間連携 —— 「他学部との連携」「行政組織との連携」「産学連携」「地域社会との連携」「大学間連携」

評価——「評価システム(Rating: RAE)」

組織と運営、教育プログラム、評価の項目については、表を作成した(表1)。そして、上記の各項目について整理し、概要をまとめた。この結果を以下に報告していく。

2. 結果

2.1 組織と運営

2.1.1 高等教育機関の中での位置付け

英国では、一般的に、University(またはCollege)のFaculty of Medicine(またはSchool of Medicine)内に、衛生学・公衆衛生学分野のDepartment(またはDivision、Center、School)が存在する。そして、このようなDepartment(またはDivision、Center、Schoolという名称)全体で、衛生学・公衆衛生学分野の卒後教育プログラム(Taught Programme、Research Programme)を運営している。

本調査においても、調査対象の18大学のうち、15大学はこの形式を採用していた。このDepartment(またはDivision、Center、School)の名称は、大学によって異なっている。最も多い名称が、Public HealthまたはPublic Health Sciences(8大学)で、つぎにEpidemiology and Public Health(2大学)である。このほかには、Epidemiology and Health Sciences、Primary Care and Population Health Sciences、Primary Care、Public、and Occupational Health、Social Medicine(各1大学)などがある。

残りの3大学は異なる形式を採っていた。そのうち、University of Oxfordは、Department of Clinical Medicineと同じ位置付けでDepartment of Public Healthを設置している。Keele Universityは、Faculty of Social Sciences内にCenter for Health Planning and Managementを設置している。また、London School of Hygiene & Tropical Medicine(LSHTM)は、衛生学・公衆衛生学関連の3つのDepartmentから成り立つ医学系単科大学であり、大学全体で20以上のプログラムを運営している。

また、特殊なケースとして、University of Manchesterがあげられる。この大学には、衛生学・公衆衛生学関連のプログラムをもつSchoolが2つある。一つは、School of Epidemiology and Health Sciences(MScのプログラム)であり、もう一つはBusiness School、Center for Healthcare Management(MA in Health Services Management、Primary Care Leadership、MPhil/PhDのプログラム)である。

以上のことから、英国の衛生学・公衆衛生学分野の卒後教育プログラムは、一般的に、以下のように運営されているといえるだろう（表1の「School」「Unit 1」「Unit 2」の項目を参照）。

University

|

Faculty（または School） of Medicine

|

Department（または Division、Center、School） of Public Health（そのほかに Epidemiology and Public Healthなどの多様な名称が用いられている）

したがって、このような形式を英国の高等教育機関における衛生学・公衆衛生学関連組織の位置付けの典型と考えてよいだろう。

2.1.2 衛生学・公衆衛生学領域の中の組織

各大学の Department（または Division、School など）内には、研究分野・テーマごとに研究組織が形成されているケースが多い。調査対象機関の 18 大学のうち、10 大学の Department（または Division、School など）内には、Research Unit（または Group）が形成されていた（詳細は表1の「Research Group/Unit」を参照）。また、University of Cambridge、University of Manchester、University of Oxford の 3 大学の Department（School）は比較的規模が大きく、内部の研究組織として Centre が設置されている。そして、このような Centre もいくつかの Course を受けもち、卒後教育プログラムに参加している。

英国の大学では、上述したように、Department（または Division、Center、School）全体で卒後教育プログラム（Taught Programme、Research Programme）を運営しているのだが、Research Programme においてはこのような Research Unit（または Group）が大きな役割を果たす。なぜなら、一般的に、Research Programme の学生は、いずれかの Research Unit（または Group）に所属し、学位取得のための研究を進めていくことになるからである。

2.1.3 教員数・学生数

衛生学・公衆衛生学領域の Department（または Division、Center、School）における生徒数は、普通、10～100 人程度とみられる。教員数は大学により様々である（表1の「Academic Staff」を参照）。そして、英国の大学の特徴として、生徒数に対して教員数が多いことがあ

げられる。たとえば、Imperial College では、PhD の学生が 14 人であるのに対し、教員数は 20 人強となっている。University of Cambridge では、Postgraduate の学生が 58 人であるのに対し、教員数は 12 人である。University of Manchester では、Research Degree Programme の学生が 40 人であるのに対し、教員数は 30 人となっている。

2.1.4 予算

収集した資料のなかで、年度予算を公開している調査対象機関がみあたらず、一般的な予算の状況は把握できない。そこで、例として、University of Cambridge, Department of Public Health and Primary Care の General Practice and Primary Care Research Unit の年度研究予算の収入の内訳を以下に示す。

University of Cambridge, Department of Public Health and Primary Care

General Practice and Primary Care Research Unit

Research grants awarded April 2000 – March 2001		TOTAL
Medical Research Council	£342,048	1
NHS R&D	£652,026	8
Major Charities	£504,587	3
Other	£15,000	1

2.2 教育プログラム

2.2.1 学位の種類

英国の衛生学・公衆衛生学関連の卒後教育プログラムが授与する基本的な学位は、Master of Sciences (MSc)、Master of Philosophy (MPhil)/ Doctor of Philosophy (PhD) である。調査対象の 18 大学のうち、MSc は 13 大学で、MPhil/PhD は 12 大学で授与されている。

この衛生学・公衆衛生学の MSc、MPhil/PhD の専門分野の名称は、Public Health、Epidemiology、Environmental Health、Health Services Research、Population and Development など多岐にわたり、統一性はない（表 1 の「Degree」を参照）。また、英国における卒後教育プログラムの特徴として、Certificate—Diploma—MSc、MPhil—PhD というように、一貫したプログラムになっていることがあげられる（詳細は 2.2.3 修了要件を参照）。

このほかに、本調査の調査対象の 18 大学には、Master of Public Health (MPH、5 大学)、

Doctor of Public Health (DrPH. 1 大学)、Master of Art (MA. 2 大学) を授与するプログラムも存在していた。

2.2.2 年限

一般的に、英国の大学はフルタイムとパートタイム両方の年限を設定している。MSc、MPH などの Master's Degree 取得にかかる必要年数は、フルタイムで 1~2 年、パートタイムで 2~3 年となっている。Doctorate Degree 取得にかかる必要年数は、フルタイムで 3 年、パートタイムで 6 年となっている。

英国の大学では、学生が申告すれば、学位や以前に受けた授業、職務経験などが考慮され、Exemption と呼ばれる授業・単位免除を与えられる。そのため、同じ年度に同じプログラムに入学した学生でも、年限に差が生じるようになっている。

2.2.3 修了要件

多くの大学において、Master's Degree は Taught Degree である。そのため、MSc の修了要件には、一般的に、Core Module を中心として構成されている Taught Course、さらに Dissertation が課されている。このほかに、Examination、Field Trip、Research Project などが課されているプログラムもある。MPH の修了要件も全く同様である。

先に、Certificate、Diploma、MSc のプログラムが一貫していることを述べたが、Certificate には Taught Course のみが課されている。Diploma には、Taught Course にくわえて Research Project や Report などが課されている。MSc には、このうえに、Dissertation が課されている。

また、唯一、University of Bristol の MSc は、Research Programme であり、Taught Course ではなく、Research 中心のプログラムとなっている。

MPhil/PhD は Research Degree である。一般的に、学生は MS 取得後に MPhil/PhD Programme に入学する。MPhil の修了要件として、論文やエッセイの提出、面接試験などが課される。その後、PhD Programme へアップグレードが許可されれば、Dissertation を提出し PhD を取得することができる。

2.2.4 カリキュラム

Master's Programme のカリキュラムの例として、LSHTM (MSc in Public Health)、University

of Cambridge (MPhil in Epidemiology)、University of Liverpool (MPH) をとりあげる。この 3 大学の Master's Programme の運営方式と修了要件は異なっている。LSHTM は、英国の衛生学・公衆衛生学関連の卒後教育プログラムとしては非常に特殊であり、3 つの Department から成り立つ School 全体で、プログラムを運営している。ほかの 2 大学は、標準的であり、Faculty(School) of Medicine 内の Department がプログラムを運営している。

各プログラムの修了要件について述べると、Taught Degree である LSHTM の MSc in Public Health には、Taught Course、Residential Field Trip、Project Report が課されている。同じく Taught Degree である University of Liverpool の MPH には、Taught Course と Dissertation が課されている。Research Degree である University of Cambridge の MPhil in Epidemiology には、Thesis、Written Paper、Essay、Exercise Based on Teaching が課されている。

London School of Hygiene & Tropical Medicine MSc in Public Health

Term 1

Students usually take six linear units, as follows:

Compulsory: Basic Statistics for PHP; Basic Epidemiology; Health Economics; Principles of Social Research; Health Services.

Recommended: one of the following: Environmental Health; Foundations of Health Policy (1); Health Policy, Process & Power; Health Promotion Theory; Extended Epidemiology (this counts as two units and may be taken in place of Basic Epidemiology by students with appropriate training).

Optional: Biology of Health & Disease; European & Comparative Health Policy (1).

Supplementary: in addition, students may attend the following non-assessed units: Introduction to Computing, and the Public Health Lecture Series.

Term 2 and 3

Students take six study units, one from each timetable slot. Where only one study unit is shown this is compulsory. The table below shows recommended units. Further optional units are available for this MSc after consultation with Tutors.

C1: Health Care Evaluation.

C2: Design & Analysis of Epidemiological Studies; Science, Politics & Policy; Advanced Health Economics for Management & Planning; Statistical Methods in Epidemiology.

D1: Communicable Disease Control in Developed Countries; Financial Management; Environmental Epidemiology; Data Processing & Analysis; Medical Anthropology in Public Health.

D2: Epidemiology & Control of Communicable Diseases; Ethics: Public Health & Human Rights; Sexual Health; Conflict & Health; Model Building for Health Care Decisions.

E1: Integrating Unit: Public Health.

E2: Organisational Management; Sociological Approaches to Health; History & Health; Advanced Statistical Methods in Epidemiology.

Residential Field Trip

This course has a compulsory field trip during Orientation.

Project Report

Students complete a research report. A suitable health policy issue is selected in consultation with the student's tutor and the potential health services client, and a protocol developed. The student reads around the topic, develops an understanding of the issues involved, interviews key players, considers options for action and makes appropriate recommendations. The report is based on published literature and interviews, and does not involve the collection of primary data.

University of Liverpool Master of Public Health

Full time students will complete the course in three semesters, and will: attend the introductory days; attend for direct contact teaching for two days per week over two semesters; complete supported open learning materials equivalent to a further two days per week for two semesters; prepare and submit a dissertation.

Part time students will normally complete the course in six semesters and will: attend the introductory days in their first year; attend for direct contact teaching for one day per week over four semesters; complete supported open learning materials equivalent to one day per week over four semesters; prepare and submit a dissertation, normally in their second year.

Course Structure

Quantitative Research Methods I

Health and Society

Applied Public Health

Health Services and Management

Health Economics

Integrated Public Health Studies

Specialist Study Module:

Quantitative Research Methods II

Introduction to Qualitative Research Methods

Health Impact Assessment

Communicable Disease and Non-Infectious Environmental Hazards

Student Assessment

For the MPH degree, formal assessment of coursework is divided into two parts;

For the taught component, marks are built up from in-course assessment (40% of taught component) and end-of-module assessment (60% of taught component).

Dissertation of up to 10,000 words.

For the Postgraduate Diploma and the Certificate in Public Health, assessment is based on the taught component of the course only, and is built up from in-course assessment (40%) and end-of-module assessment (60%). There is no requirement for a dissertation.

University of Cambridge MPhil in Epidemiology

The teaching of the course draws heavily on the expertise of the Institute of Public Health, and also on wider expertise within the University and Region.

Teaching Content

The course uses a variety of teaching and learning methods including lectures, practical exercises, one-to-one supervisions and self-directed learning. Throughout the course, students are able to draw on the research expertise within the Institute of Public Health.

Term One:

During this term, students gain core knowledge and skills in epidemiology and statistics including: Basic epidemiological principles; classical epidemiological literature; biostatistical methods, study design and conduct; computing, including management of databases and software for data analysis.

Term Two:

This term, and for the beginning of the third term, students undertake a series of modules in specialist areas of epidemiology. These modules draw heavily on the current research programmes within the Institute. Examples of modules offered include; Cancer Epidemiology; Cardiovascular Epidemiology; Nutrition; Primary Care and Health Services Research; Public Health Applications of Epidemiology; Clinical Trials; Genetic Epidemiology, Environmental Epidemiology Diabetes Epidemiology. Further training is also given in biostatistical analysis and data handling.

Term Three:

Most of the final term is dedicated to preparation of a 20,000 word thesis based on an individual piece of research, usually within the overall programme of the Institute of Public Health.

Outside visits

Students have the option of two outside visits during the course. At the end of the Michaelmas Term (Term one), students may visit the Department of Public health at Bristol University to meet and learn about the research programme at Bristol.

In the Easter vacation there is also the opportunity to travel to the Netherlands Institute for Health Sciences in Rotterdam for specific modules. Students from nihes may also choose to attend modules in Cambridge.

The option of going to Bristol and nihes to study is recommended to students in order to increase their contact with other institutions and increase the breadth of their experience, but is not mandatory. Usually, student style accommodation can be found at both Bristol and Rotterdam.

The cost of this accommodation and travel cannot be met by the department. In some cases, students may be able to apply to their individual colleges for a travel grant.

SUPERVISION

Each student is allocated an individual supervisor to support them throughout the course. Supervisors are usually based within the Department of Public Health and Primary Care and linked departments within Cambridge. Depending on the nature of the thesis, students may also be allocated an additional 'thesis supervisor'.

EXAMINATION

The thesis and in course assessment contribute 60% of the total marks. 40% of the total is based on the written papers (see b).

The examination consists of:

a) a thesis not exceeding 20,000 words in length, including footnotes but excluding tables, appendices and bibliography, on a subject approved by the Degree Committee of the Faculty of Clinical Medicine. The project is planned in the Lent term. Work on this begins in the Easter term and continues in the summer vacation. The thesis must be submitted by the end of July. The project will be an individual piece of research, usually within the overall programme of the Institute of Public Health. There is flexibility in the choice of topic. There is also an option for an oral examination for borderline candidates.

b) Two written papers, as follows:

Paper 1. Methods in Epidemiology and Biostatistics

Paper 2. Advanced Epidemiology

These examinations are taken during the Easter term. The first three hour paper concentrates on basic epidemiological and biostatistical methods. The second three hour paper covers more advanced Epidemiology, biostatistics and includes the modules.

c) Two essays, each not exceeding 3,000 words in length, on subjects approved by the Degree Committee. The first of these essays focuses on descriptive epidemiology and is written during the Michaelmas term. The second essay is more analytical and is written during the Lent term.