

第三国集団研修実施協議調査団報告書

—タイ、プライマリー・ヘルス・ケア(PHC)—

昭和62年 5 月

国際協力事業団
研修事業部

研 管

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昭和62年5月

国際協力事業団
研修事業部

国際協力事業団		
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序

1986年7月、タイ王国政府は、我が国の無償資金協力及び技術協力により1982年より実施されてきたATC/PHC計画(Asean Training Center for Primary Health Care)のASEAN各国向けの研修プログラムを発展拡大し、各国におけるPHC中堅幹部候補者を対象とした修士号取得可能な第三国研修(プライマリー・ヘルス・ケア)を実施したいとし、我が国に協力を要請してきた。

これに対し、我が国は1986年7月コンタクト調査団、同9月事前調査団を派遣し、研修実施の可能性を確認した。この結果に基づき、昭和62年3月22日より6日間実施協議チームを派遣し、本研修の内容を詳細にわたり協議し、R/Dに署名を了した。本報告書は右調査団の調査結果、協議内容を取りまとめたものである。

最後に、本調査団の派遣に際し御協力を賜った外務省、文部省、厚生省並びに在タイ日本国大使館に対し、深甚な謝意を表する次第である。

昭和62年4月

研 修 事 業 部 長

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1 実施協議調査団の派遣

1.1 派遣の経緯と目的

ATC/PHC計画に関する第三国研修については昭和61年9月事前調査団が派遣され、タイ側の要請の背景—周辺国のニーズ及びタイ国内のプライマリヘルスケアの現状—、研修実施体制—実施機関、講師、運営スタッフ、施設、機材、実行予算等—が調査され、第三国研修実施の基本方針と研修計画—コース名、目的、到達目標、実施時期及び期間、シラバス、割当国、定員等—並びに日本側の協力内容—経費分担、専門家派遣—について協議が行われた。この結果、同調査団は本件研修の実施可能性を確認し、タイ側との間でR/D (Record of Discussions) 案を作成し、これを附属書とする会議議事録 (Minutes of Meeting) に署名を行い帰国した。

本調査団はこの結果を踏まえ、本件研修の実施に関する具体的なカリキュラムの策定、経費の分担、手続きの細目等についてタイ側と協議し、討議議事録 (R/D) に署名することを目的として派遣された。

1.2 調査団の構成

団 長	総 括	河 西 明	JICA 東京国際研修センター所長
団 員	研修計画	豊 川 裕 之	東京大学医学部保健学科助教授
団 員	研修運営	田 中 良 子	JICA 研修事業部研修第2課

1.3 調査日程

日順	月日	行 程	調 査 内 容
1	3/22	東京 $\xrightarrow{\text{TG643}}$ バンコク	移動
2	3/23		マヒドン大学総長表敬 DTEC表敬、在タイ日本大使館表敬 JICA事務所にて打合せ
3	3/24		ATC/PHCにてR/DにつきATC/PHC 及びDTECスタッフと協議
4	3/25		マヒドン大学附属スリラート病院にてR/D 署名
5	3/26		河西団長、田中団員、国立衛生研究所 (NIH) プロジェクト等視察 豊川団員、Bangkok General Hospital に て講演
6	3/27	バンコク $\xrightarrow{\text{TG740}}$ 東京	移動

1.4 主要面談者

(1) タイ側

Prof. Natth Bhamaravati	マヒドン大学総長
Dr. Krasae Chanawongse	ATC/PHC 所長
Dr. Sommai Wansorn	〃 副所長
Dr. Boonyong Kiewkarnka	〃
Dr. Boonlert Leoprapai	〃
Dr. Som-Arch Wongkhomthong	〃
Dr. Orapin Singhrdej	〃
Mr. Wan Chai	DTEC 局長
Mr. Prachar	〃 局次長
Ms. Chantanar	〃

(2) 日本側

浦部和好	在タイ日本大使館参事官
高山康信	〃 一等書記官
岩野正夫	〃 一等書記官
後藤教基	JICAタイ事務所所長
甲斐寿治	〃
松田正己	ATC/PHC 専門家
鈴木徹也	〃 調整員

2 討議議事録 (R/D) 作成の協議経緯

2.1 研修計画

- (1) コース名
- (2) 目的
- (3) 到達目標

上記3点については既に事前調査団訪タイの際、タイ側と十分な協議がなされていたため、R/D案記載のとおりとすることをタイ側との間で確認した。コース名目的及び到達目標(和文仮訳)は以下のとおりである。

(1) コース名

Master's Degree Programme in Primary Health Care Management
プライマリ・ヘルス・ケア管理修士課程

(2) 目的

本研修の目的は、保健活動に携わる人材の中から、プライマリ・ヘルス・ケア (PHC) の企画・計画・管理に関する知識、技術、経験を増強し指導性を開発することにある。

(3) 到達目標

本研修課程の終了時点において、研修員は以下のことが可能になると期待される。

- ① PHCに関する知識、概念、方法、実施を説明できる。
- ② 保健計画や管理業務について指導者として適切に機能できる。
- ③ 保健システム調査を企画し、調整しかつ実施でき、そして調査知見をPHC活動の企画、計画、管理に適切に適用できる。
- ④ 正しく方針決定をし、人材開発のための管理運用ができる。
- ⑤ 社会参加へのボランティア動員と、適切な資源と技術を効果的に結びつけることができる。
- ⑥ PHCの地域内リーダーシップの開発を推進し、かつ支援することができる。

(4) 期間

研修期間は9月から翌年7月まで(10カ月間)とし、第1回研修は1987年7月とすることとした。調査団は日付を明示するようタイ側に求めたが、タイ側は時間割表(案)が現時点で確定していないこと、柔軟なコース運営が望まれることから月のみを設定し、研修期間決定時に日本側に伝達することとしたい旨を表明したため、調査団もこれを了承した。

(5) カリキュラム

カリキュラムについては調査団出発前に、本コースで習得する科目名とその内容、時間数を示した「コース教授指針」(Course Instruction)と時間割表の案がタイ側より提出されていた。

調査団はこれらの資料を検討し、タイ側との間で協議した結果、時間割表をR/Dの附属書とすることは量的に問題があること、また実施に当り、講師の配置、短期専門家の派遣等、日・タイ相方の活動の制約ともなりかねないことから、シラバス(科目名と講義・実習・野外調査の時間数及び単位数を示した表)、前述の「コース教授指針」及び年間計画表をR/Dに添付することとした。

尚、「コース教授指針」のうち修得すべき単位数、成績、科目名及び内容は以下のとおりである。

① 修得すべき単位数

少なくとも40単位以上修得すべきこと。すべての研修員はマヒドン大学研究科過程の定める

核となるコース	12単位	(1単位16時間)
必修選択コース	14	々 (1単位16時間)
野外調査・研究コース	14	々 (1単位32時間)

を修得しなければいけない。

② 成績

成績は5点採点法で3.0以上(平均)を獲得しなければいけない。

③ 科目名及び内容

i (GRHD 602) PHC原論

本教科では、PHC概念、要素および保健システム分析と保健人材能力の展開が一貫して論じられる。包括的統合的社会開発を管理する技術もまた教えられる。(講義 3単位)

ii (GRHD 604) 保健情報管理論

地域保健計画に関する保健統計のための資料収集、分析、応用について修得し、かつ実地調査を通して資料収集する技術と標本数の決定についても学ぶ。この科目では仮設の検証、有意性検定および保健と人材養成に係る諸パラメータの分析についても学ぶ。

(講義 2単位、実習 1単位)

iii (GRHD 606) 保健システム論としての疫学調査論

この科目は疾病と保健活動の分析と決定要因に関する研究の知識を与える。研修生は、保健問題の因果論究明の研究方法について順序立てて学ぶ。また同時に、総合的保健活動に影響する諸要因についても学ぶ。(講義 2単位、実習 1単位)

iv (GRHD 608) 環境衛生計画管理論

この教科では、基本概念、原理、計画、管理と環境衛生計画実践について学ぶ。PHCの考え方で実施される環境衛生とは給水・水質・食品・家庭排棄物・空気・家屋等の管理と産業保健も含む。(講義 1.5単位、実習 1.5単位)

V〔GRHD 610〕PHC/Quality of Life 運用論

この科目ではPHC/HFA（注：HFAとはHealth for All「21世紀に向けて、すべての人に健康を」という基本理念を表わしている）にとって必要な運用管理の発行物を調べる。調べる発行物は地域社会における展開、全々の段階での有効な方法・手技およびPHC/HFAとQuality of Lifeを監視し評価することについても学ぶ。（講義 3単位）

VI〔GRHD 612〕保健経済論

この科目では、定量的計画法および経済的原則に拠って保健活動の計画・評価・管理を導入する。採り上げる話題としては、保健サービスの需要・供給、費用・便益と費用・効率分析および経済的狀態を考慮した保健資源の適正配分がある。（講義 3単位）

VII〔GRHD 614〕保健システム研究法

本教科目では、研究の構成要因、すなわち問題認識と判断、研究目的、仮説、概念規定、標本の大きさと抽出法、資料収集、計測器機、その信頼性と妥当性、統計分析、解釈、考察、要約などについて学ぶ。（講義 2単位、実習 1単位）

VIII〔GRHD 616〕コンピュータ処理と保健情報論

学生はデータ処理、コード化、編集、データ入力、ソフト・ウェアまたはパッケージの選択に慣れるようになり、データ処理ができるようにコンピュータ言語を学ぶ。（講義 1単位、実習 2単位）

IX〔QRHD 620〕計画作成・評価

さまざまなレベルの対象に対する健康教育のための文章、理論および実施計画をつくる。ここでは公衆衛生の行動的・教育的側面が重点的に取扱われる。学生は目標設定、教授・学習方法、地域健康教育計画および適切な視聴覚教育手法の選択など型作りを学ぶ。また、PHC計画のための教育素材の使い方と健康教育担当者の参加の仕方について詳しく指示される。（講義 1単位、野外実習 1単位）

X〔GRHD 691〕保健と開発に関する情况分析

この教科目では、PHCに関する特定の出来ごとの現状把握の技術と、その原因となる各要因を検査することが中心のテーマとなる。しかも、それらは野外調査によって強化される。（講義 1単位、野外実習 1単位）

XI〔GRHD 692〕保健行動組織論

この特論・実習では学生に組織化された保健行動の現地教育がなされる。組織づくりの理論、組織の変革、組織的展開が内容である。そして、学生は地域実習として特定の問題地区に派遣される。（講義 1単位、野外実習 1単位）

XII〔GRHD 693〕保健専門職の人事管理論

この教科では、保健専門職の人事管理について、その考え方と分析的方法について教え

られる。地域社会における保健需要、保健専門職の量的・質的な需要、および現在の供給状況、地域社会における需要と困窮に応じた望ましい保健活動従事者の管理に方法について学ぶ。(講義 1単位、野外実習 1単位)

XIII (GRHD 694) 保健指導者養成論

この教科目では、保健実務と養成課程における各種・各水準の指導能力について学生に体験させる。学生は、何がリーダーシップであり、かつ、どのようにして長・短期養成期間でそのようなリーダーシップを開発ないし増進させることができるかについて学ぶ。

(講義 1単位、野外実習 1単位)

XIV (GRHD 696) 養成コース管理運営論

学生は種々の目的や各水準での養成コースの組織・運営をするための重要な役割を担当する。とりわけ、研修生の不安や不満、指導員と研修生の関係、教授法、教育基盤に応じた教科目編成などについて重点的に訓練される。学生には教育実習を実際に行うことが望まれる。(講義 1単位、野外実習 1単位)

XV (GRHO 618) PHCにおける社会・経済的および文化的観点について

本教科目の目的は、PHCこれ自体と同じ値いに、人間行動、健康水準および活用状況に影響を及ぼす“社会・経済・文化的要因”を明らかにし、かつ考察することである。まず、その概念とタイ国の現状を盛り込んだ社会・経済・文化的要因のイラストが最初に討議される。保健サービスと健康水準に影響を与える社会・文化的要因を発見する研究と理論的概念が共に提起されかつ検証される。健康破綻を検証するための特定の作業は、すなわち、計測と鑑別が学生達の理解の進展に役立つだろう。そして、最後に、健康水準と社会的発展に関する計測例が説明される。(講義 1単位、野外実習 1単位)

なお、講義は16時間が1単位、演習と野外実習は32時間が1単位である。

(R/D Annex I参照)

(6) 割 当 国

事前調査団の案のとおり、以下12カ国を割当国とすることを確認した。

フィリピン、マレーシア、インドネシア、ブルネイ、シンガポール、ビルマ、ブータン、ネパール、インド、パキスタン、パプア・ニューギニア

(7) 定 員

上記割当国に各1名、計12名及びタイ側参加者4名、合計16名をもって定員とすることを双方合意した。

(8) 応 募 資 格

事前調査団の案のとおり、以下を応募資格とすることで双方合意した。

- ① 各国政府の推薦を受けていること。

- ② 医師、歯科医師、獣医師の資格を有すること、また然るべき学校を卒業した医療技術者であること。
- ③ PHC分野において少なくとも3年の実務経験があること。
- ④ PHCに携っていること。
- ⑤ 英語に堪能であること。
- ⑥ 健康であること。

2.2 実施手続

研修員の受入手続、経理手続等の実施手続については、事前調査団の案をほぼ踏襲する形で双方合意したが、研修経費の日本側負担分の精算については本コースは9月開始、翌年7月終了というスケジュールであるため日本の会計年度が2年に亘ることから、タイ側は3月末に一度精算書を提出し、さらに7月のコース終了時に精算書を提出することとした。(R/D12-4参照。)

尚、実施手続についてはR/Dに附属書として「暫定コース運営計画」を添付することとした。

2.3 双方の分担

本コース実施に係るタイ側(DTEC, ATC/PHC)と日本側の実施事項の分担は以下の点を除き、ほぼ事前調査団の案のとおりとすることとなった。しかし、以下の各点についてはATC/PHCの特殊性を勘案し、次のように合意した。

(1) 経費

① 費目

本コースの実施に係る研修諸費(Training Expenses)については事前調査団訪タイ時、タイ側は一括してTuition and Feesとして一人当たりUS\$2950が必要である旨を表明していた。この内訳は講師謝金、テキスト・資料等教材費、研修旅費、論文作成指導料、大学登録料(University Fee)及び医療保険料である。

タイ側はATC/PHCから本コースの講師として参画できるのは2名程度で、他はマヒドン大学他学部及び保健省等から手配することを考えており、その際タイ国の慣例として謝金を支払わねばならないため、この費用を講師謝金として日本側に負担して欲しい由であった。事前調査団はこれに対し、第三国研修の経費の仕組みと対応の限界を述べ、講師謝金は外部講師のみに支払われる経費であるところ本件についてはマヒドン大学内の講師は外部講師とは認められず、日本側は負担しかねる旨を説明した。

しかし、本調査団訪タイ時、タイ側はこのTuition and Feesはマヒドン大学内の規程により入学時に一括して納入されるべきものであり、マヒドン大学としてはこの費目の変更は事実上不可能である旨を表明した。我が方も日本における第三国研修の予算の仕組みと費目

につきあらためて説明を行ったが、これに関しては双方の妥協点を見出すことが極めて困難と判断されたため、本件を特例として扱うこととし、タイ側案に同意した。

② 経費分担

日・タイ双方の経費分担については、タイ側(DTEC)は第三国研修の場合には第三国(割当国)の研修員の経費は日本側が全額負担すべきであると主張した。(尚、DTECは第三国研修の他、Co-Sponsored Trainingという研修方式を別に有しており、その場合には双方が第三国の研修員の経費を分担する旨、補足説明を行った。)これに対し、我が方は第三国研修は実施国がすでに十分な技術的・経済的能力を有していると判断される場合に実施しているものであり、研修内容についても、経費分担についても実施国の主体的な取組みが望まれる旨を説明し、相応の経費を分担するよう求めた。これに対し、タイ側はタイ政府の財政事情は逼迫しているも、第三国の研修員(12名)のうち、2名のTuition and Feesを負担するとの案を提示し、我が方もこれに合意した。

(2) 短期専門家の派遣

短期専門家の要請分野については、本調査団訪タイ前にATC/PHCプロジェクトの岩村昇リーダーの意見を踏まえ、日本側案として以下のとおり専門分野、人数、派遣期間につきJICAタイ事務所より提言がなされた。

- | | | |
|--------------------------|----|-------|
| ① Health Program Planner | 1人 | 2～3週間 |
| ② Health Educator | 〃 | 〃 |
| ③ Health Economist | 〃 | 〃 |
| ④ Computer | 〃 | 〃 |

その結果、マヒドン大学側からは以下のような要望が対案として示された。

- | | | |
|----------------------|----|------|
| ① Health Education | 1人 | 1カ月 |
| ② Computer Scientist | 2人 | 各3週間 |

1) 基礎編・応用編

2) PHC活動情報システム実用編

- | | | |
|-----------------|----|-----|
| ③ Public Health | 1人 | 1カ月 |
|-----------------|----|-----|

調査団は訪タイ前にこれらを検討した結果、分野についてはタイ側案にて対応可能であるが、期間については柔軟性をもたせることが望ましいと考え、以下の案をタイ側に示し、双方合意に達した。

- | | | |
|----------------------|----|--------|
| ① Health Education | 1人 | 2～4週間 |
| ② Computer Scientist | 2人 | 各2～4週間 |
| ③ Public Health | 1人 | 2～4週間 |

(3) 修了証書の発給

本コースはマヒドン大学の修士課程として実施されるため、修了者には大学側より修士号が授与される。従って本コースについてはATC/PHCはこの修士号授与の候補として本コース修了者を大学当局に推薦すること、また、この他に日本側がコース参加証書をDTEC、JIOA及びATC/PHCの連名で発給することを双方了承し、R/Dに分担事項として記載した。

3 そ の 他

3.1 ATC/PHCの Institute 昇格

本件については、未確定なるも、タイ側大学省内で承認を取付中であり、近々に正式に承認される見込である旨、マヒドン大学側より説明があった。

3.2 WHOフェロー・シップによる本コースへの参加

本件は、前回の事前調査団訪タイ時と同様、タイ側は同フェロー・シップによる応募は原則的に考えていないが、このような応募者が現れた場合には日本側（JICAタイ事務所）と協議の上決定したいとし、我が方もこれに同意した。

3.3 域内、日本への研修旅行

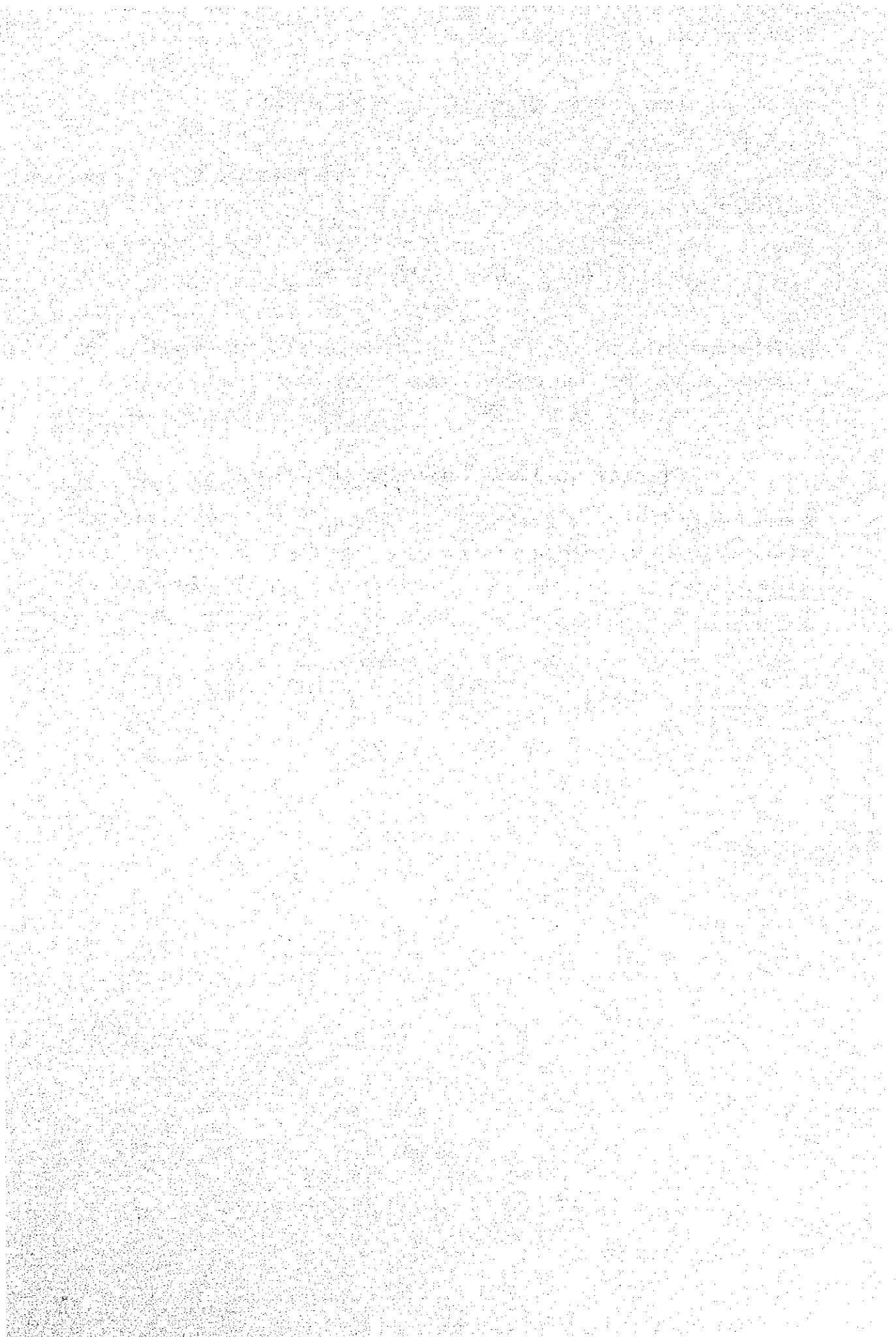
タイ側はATC/PHCがASEAN諸国及び日本（特に沖縄国際センター）と強い結びつきを有していると考えており、本研修の参加国及び日本におけるPHCの実情視察のための研修旅行を日本側の経費負担により行ってほしい旨強く要望し、R/Dに「しかるべき時が来たら本件につき両国間で検討する」との一文を入れるよう要請した。調査団としては本件は今回の調査団の権限外であるとして、日本に持ち帰り、関係者にタイ側の意向を伝達する旨回答した。

付 属 資 料

R / D

参 考 資 料

Tentative Time Table for the Course



附屬資料

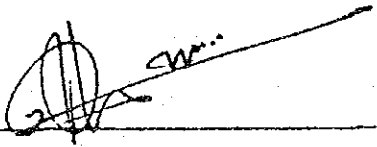
RECORD OF DISCUSSIONS BETWEEN THE JAPANESE CONSULTATION TEAM AND
THE AUTHORITIES CONCERNED OF THE ROYAL THAI GOVERNMENT
ON THE THIRD COUNTRY TRAINING PROGRAMME

The Japanese Consultation Team (hereinafter referred to as "the Team") organized by Japan International Cooperation Agency (hereinafter referred to as "JICA") and headed by Mr. Akira Kasai visited Thailand from March 22 to March 27 for the purpose of formulating the training course in the field of Primary Health Care under the Third Country Training Programme of JICA.


During its stay in Thailand, the Team had a series of discussions with the authorities concerned of the Royal Thai Government with respect to the frame work of the above mentioned training course and the desirable measures to be taken by both Governments to ensure its successful operation.

As a result of the discussions, both parties agreed to recommend to their respective Governments the matters referred to in the documents attached hereto.

Bangkok, March 25, 1987




Mr. Akira KASAI
Head of the Japanese
Consultation Team



Prof. Dr. Natth BHAMARAPRAVATI
Rector of Mahidol University

Witnessed:



Mr. Wanchai SIRIRATNA
Director-General
Department of Technical and
Economic Cooperation

ATTACHED DOCUMENT

The Government of Japan and the Royal Thai Government will cooperate with each other in organizing the training course in the field of Primary Health Care (hereinafter referred to as "the Course") at ASEAN Training Centre for Primary Health Care Development, Mahidol University under the Third Country Training Programme of JICA.

The Royal Thai Government will conduct the Course with the support of the technical cooperation scheme of the Government of Japan. The Course will be held once a year from the Japanese fiscal year of 1987 to 1991, subject to an annual consultation between both Governments.

The Course will be operated in accordance with the followings:

1. TITLE

The Course will be entitled Master's Degree Programme in Primary Health Care Management (M.P.H.M.).

2. PURPOSE

The purposes of the Course are to develop leadership and to enhance knowledge, skills and experience in Primary Health Care (hereinafter referred to as "PHC") planning, programming and management among health personnel.

3. OBJECTIVES

At the end of the Course, the participants are expected to be able to:

- 3-1 demonstrate knowledge, concepts, strategies and issues of PHC,
- 3-2 function effectively as a team leader in health planning and management tasks,
- 3-3 plan, design, and conduct health system research and apply research findings for planning, programming and managing PHC activities,
- 3-4 conduct appropriate orientation and supervision of training programme for human resources development,

- 3-5 communicate effectively to mobilize community participation and utilize appropriate resources and technologies, and
- 3-6 promote and support the development of the local community leadership in PHC.

4. DURATION

The first Course will be held from September, 1987 to July, 1988.

5. CURRICULUM

The tentative curriculum of the Course is attached as ANNEX I.

6. INVITED COUNTRIES

The Governments of the following countries will be invited to apply for the Course by nominating their applicant(s):

the Philippines, Malaysia, Indonesia, Brunei, Singapore, Burma, Bhutan, Nepal, India, Bangladesh, Pakistan, and Papua New Guinea.

7. NUMBER OF PARTICIPANTS

The number of participants from the invited countries shall not exceed twelve (12) in total. And the number of participants from Thailand shall not exceed four (4).

8. QUALIFICATIONS FOR APPLICANTS

Applicants for the Course are:

- 8-1 To be nominated by their respective Governments in accordance with the procedure mentioned in 10-1 below,
- 8-2 To hold a M.D., D.D.S., D.V.M. and/or co-medical science degree from an accredited school,
- 8-3 To have the practical experience of at least three (3) years in the field of PHC,
- 8-4 To be engaged in PHC,
- 8-5 To be under forty five (45) years of age in principle,
- 8-6 To have a good command of spoken and written English, and
- 8-7 To be in good health to complete the Course.

9. FACILITIES AND INSTITUTIONS

The Course will be conducted by ASEAN Training Centre for Primary Health Care Development (hereinafter referred to as "ATC/PHC"), Faculty of Graduate Studies, Mahidol University and Ministry of Public Health, the Royal Thai Government.

10. PROCEDURE OF APPLICATION

10-1 The Governments applying for the Course shall forward five (5) copies of the prescribed application form for each nominee to the Royal Thai Government through their diplomatic channels not later than two (2) months before the commencement of the Course.

10-2 The Royal Thai Government will inform the applying governments whether or not the applicant(s) is/are accepted to the Course not later than one month before the commencement of the Course.

11. UNDERTAKING OF GOVERNMENT OF JAPAN AND THE ROYAL THAI GOVERNMENT

In organizing and implementing the Course in compliance with the Tentative Schedule of Course Operation attached in ANNEX II, both Governments will take the following measures in accordance with the relevant laws and regulations in force in each country.

11-1 The Royal Thai Government

11-1-1 Department of Technical and Economic Cooperation (hereinafter referred to as "DTEC")

- (1) To print the General Information brochures (G.I.),
- (2) To forward G.I. to the Governments of invited countries through its diplomatic channels,
- (3) To receive application forms and forward them to ATC/PHC,
- (4) To notify results of selection of participants to the respective Governments through its diplomatic channels, and the JICA Thailand Office (hereinafter referred to as "the JICA Office"),
- (5) To arrange accommodation for the participants,

- (6) To arrange international air tickets for the participants from invited countries and to meet and see them off at the airport,
- (7) To take budgetary measures to bear the expenses necessary for conducting the Course excluding the expenses financed by the Government of Japan, and
- (8) To submit a statement of expenditures to the JICA Office.

11-1-2 ATC/PHC in collaboration with the Faculty of Graduate Studies, Mahidol University

- (1) To formulate the curriculum based on ANNEX I,
- (2) To draft the G.I.
- (3) To assign an adequate number of its staff as lecturers/instructors for the Course,
- (4) To provide training facilities and equipment for the Course,
- (5) To select participants in the Course,
- (6) To arrange domestic study tour(s) to be included in the Course,
- (7) To recommend the University to confer the Master Degree in Primary Health Care Management (M.P.H.M.) to participants who fulfilled the degree requirements,
- (8) To submit a course report to the JICA Office and
- (9) To coordinate any matter related to the Course.

11-2 The Government of Japan

- (1) To dispatch, following the regular procedures of its technical cooperation scheme, short-term experts who give advice to ATC/PHC and deliver lectures on such subjects as mentioned in ANNEX I,
- (2) To bear the following expenses for the Course through JICA as the Tentative Estimate of Expenses attached in ANNEX III,

- a) Such expenses relevant to participants from the invited countries as international economy-class flight fare, accommodation, per-diem and medical insurance premiums,
 - b) Such expenses relevant to ATC/PHC, Mahidol University official announcement on fees covering international graduate degree programme in force.
- (3) To issue certificates of course attendance to the participants who successfully complete the Course, co-signed by DTEC, JICA and ATC/PHC.

12. PROCEDURE OF REMITTANCE AND EXPENDITURE

The remittance and expenditure of the funds for the expenses to be borne by JICA will be arranged in accordance with the following procedure.

12-1 DTEC will open a bank account in Bangkok to accept the fund remitted by JICA and inform the JICA Office of the name of bank, the account code number and the name of the account holder.

12-2 DTEC will submit to the JICA Office the bill of estimate for expenses to be borne by JICA not later than sixty (60) days before the opening of the Course.

12-3 JICA will assess the bill of estimate and remit the assessed amount of expenses to the account mentioned in 12-1 above within thirty (30) days after the receipt of the bill of estimate.

12-4 DTEC will submit to the JICA Office the statement of the expenditures late March and within thirty (30) days after termination of the Course respectively.

12-5 In case any amount of the fund remitted by JICA remains unspent, DTEC will reimburse the unspent amount to JICA in accordance with the instructions given by JICA. The fund allocated for the flight fare, accommodation, per-diem and medical insurance premiums shall not appropriated for any other purposes.

12-6 By the request of JICA, DTEC will make available for JICA's reference all the receipts and other documentary evidence necessary to certify the expenditures stated in 12-4 above.

13. This Attached Document and the following Annexes attached hereto shall be deemed to be a part of the Record of Discussions.

ANNEX I: Tentative Curriculum of the Course

ANNEX II: Schedule of the Course Operation

ANNEX III: Tentative Estimate of Expenses

Master of Primary Health Care Management

1986

Program Title:

Thai: หลักสูตรสาธารณสุขมูลฐานมหาบัณฑิต (ส.ม.ม.)

English: Master of Primary Health Care Management

Degree

Full : Master of Primary Health Care Management

Abbreviation : M.P.H.M.

Responsible Institutions

- The ASEAN Training Centre for Primary Health Care Development,
Mahidol University
- Faculty of Graduate Studies, Mahidol University

PROGRAMME OF MASTER'S OF PRIMARY HEALTH CARE MANAGEMENT (MPHM.)
 ASEAN TRAINING CENTRE FOR PRIMARY HEALTH CARE DEVELOPMENT, MAHIDOL UNIVERSITY, SALAYA CAMPUS,
 ACADEMIC YEAR 1986-1987

Fraction of each subject according to semester credit hours through lecture, practicum, and field study

SUBJECTS	No. of (Credit) Hours			Credit
	Lecture	Practicum	Field Study	
<u>First semester</u>				
1. GRHD 602 Principles of Primary Health Care Development	48	-	-	3
2. GRHD 604 Methods of Health Information Management	32	32	-	3
3. GRHD 606 Epidemiological Studies in Health Systems	32	32	-	3
4. GRHD 610 Primary Health Care and Quality of Life Management	48	-	-	3
5. GRHD 612 Health Economics	48	-	-	3
6. GRHD 614 Health System Research Methods	32	32	-	3
7. GRHD 616 Computerization of Health Information	18	60	-	3
8. THESIS SEMINAR	-	-	-	-
	258	186	-	21

Second Semester

1. GRHD 608 Management of Environmental Health Programmes	24	-	48	3
2. GRHD 618 Socio-Economic and Cultural Perspectives in Primary Health Care	16	-	32	2
3. GRHD 620 Programme Planning and Evaluation	16	-	32	2
4. GRHD 691 Situational Analysis of Health and Development	16	-	32	2
5. GRHD 692 Organizational Behaviour	16	-	32	2
6. GRHD 693 Health Manpower Management	16	-	32	2

SUBJECTS	No. of (Credit) Hours		Credit
	Lecture	Practicum Field Study	
7. GRHD 694 Health Leadership Development	16	32	2
8. GRHD 696 Management of Training Course	16	32	2
9. GRHD 697 THESIS	-	64	3
	136	336	20

* Two practicum and field study hours equivalent of ONE Lecture hour

Philosophy

Primary Health Care Development is recognized as an appropriate channel for public health services in the improvement of health status and the promotion of self-reliance. The Master of Public Health program in Primary Health Care Management, focuses on developing health personnel who have qualities of sound and moral judgement, initiative and an awareness of the human relations approach. The ultimate aim of this program is to facilitate human resource development in the grass root community. In the context of Health for All, integrated and comprehensive community development is a justifiable goal.

Background

A noticeable change can be seen in the evolution of public health since the past 50 years. From the control of physical environment and communicable diseases, public health science has moved to the preventive, therapeutic and rehabilitative aspects of even the non-communicable diseases besides including maternal and child health, nutrition, occupational health, mental health and family planning. The current emphasis in the field of health is also on the application of modern management techniques for improving the efficiency of health care delivery systems. A recent definition of public health which meets the criteria of modern public health is as follows:

"Public health is the planning carrying out evaluation of health measures and system services that both maintain and improve the health of a population group and prevent and control diseases within that population group."

A Primary Health Care concept has been brought through the international conference at Alma-Ata in September 1978. It expressed the need for urgent action by all governments, all health and development workers, and the world community to protect and promote the health of all the people.

Primary Health Care is essential health care made universally accessible to individuals and families in the community by means acceptable to them, through their full participation and at a cost that the community and country's health system of which it is the nucleus and of the overall social and economic development of the community. They will vary by country and community, but will include at least; promotion of proper nutrition and an adequate supply of safe water; basic sanitation; maternal and child care, including family planning; immunization against the major infectious diseases; prevention and control of locally endemic diseases; education concerning prevailing health problems and the methods of preventing and controlling them; and appropriate treatment of common

In order to ensure the equity and accessibility of Primary Health Care in the community as efficiently as possible, maximum community and individual self-reliance for health development are essential. To attain such self-reliance requires full community participation in the planning, organization and management of Primary Health Care. Such participation is best mobilized through appropriate education which enables communities to deal with their real health problems in the most suitable ways. They will thus be in a better position to make rational decisions concerning Primary Health Care and to make sure that the right kind of support is provided by the other levels.

Primary Health Care is an integral part of both the country's health system and of overall economic and social development. It has to be coordinated on a national basis with the other levels of the health system as well as with the other sectors that contribute to a country's total development strategy, that could well be devoted to peaceful aims and in particular to the acceleration of social and economic development of which primary health care, as an essential component, should be allotted its proper share.

The ASEAN Training Centre for Primary Health Care Development (ATC/PHC) has become involved with PHC information network system; with WHO/SEARO for improved availability for the development of PHC at the national level, and with the Asia-Pacific Academic Consortium for Public Health (APACPH) for the development of PHC management training. The type of information needed has been described as training curricula and materials, examples of PHC success and failures, research and projects being carried out, and other material which will promote and accelerate PHC development in both academic and government sectors.

The main activities undertaken at ATC/PHC for PHC development include; Training, Research, PHC Model Development and Information and Documentation. While considerable achievements have already been made, there is a consensus that these activities would be greatly enhanced by a long-term, post-graduate level course being conducted at the Centre. The benefits would be: the development of curricula and training methods including the use of various audio-visual materials and distance learning techniques; the identification, from field studies of specific needs for research at the community level; improvement through study and evaluation of the model projects; and the generation of information for national and international dissemination. As the Centre will soon be up-graded to an Institute under Mahidol University, these developments are especially timely as a contribution to the wider scope of activities that this change will entail.

Mahidol University, through its ATC/PHC, is proposing to conduct a Master of Public Health in Primary Health Care Management course in response to a clearly defined and crucial need for this type of training for the further development of PHC/HFA in Thailand and the ASEAN Region. This proposal is regarded as in keeping with and essential to the objectives of the Centre as well as the role of Mahidol University in the development of the national health service system and in contribution to PHC development internationally.

GENERAL LEARNING OBJECTIVES

The general learning objectives of this course are to provide the students with the appropriate knowledge, skills and attitudes for:

- 1) an in-depth understanding of the PRIMARY HEALTH CARE approach, its principles, strategies, and barriers to implementation;
- 2) PLANNING by using systematic techniques utilizing research and appropriate information systems;
- 3) ORGANIZING with specific reference to the re-organization required by the PHC approach, inter-sectoral cooperation, team work, and community-based activities, and including leadership skills and communication techniques;

- 4) CONTROLLING as a means of measuring achievement and performance based on appropriate information;
- 5) TRAINING including formal and informal education on PHC management of health personnel and community leaders.

BEHAVIORAL OBJECTIVES

Upon Completion of the MPH in PHC Program, the students will be able to do the following:

1. Demonstrate a mastery of fundamental statistical methods of analysis of health data including statistical estimation, hypothesis testing, regression, correlation, and analysis of variance.
2. Be familiar with, and skilled in, the use of basic research methods in the study of disease distributions and in the identification of factors that explain such distributions.
3. Demonstrate a knowledge of the issues, concept and strategies of PHC.
4. Describe the economics of health care systems and medico sociological concepts of health and development
5. Describe the steps and methods for health planning and management
6. Apply the technical information in BASIC computer programming for data processing and analysis.
7. Utilize the knowledge on research methodology in the assessment of the health problems and the impact of its solution program.
8. Utilize the knowledge and skills on communication and training for integrated community development.
9. Utilize technical information, knowledge and skills for situation system, community organization, man-power management, intersectoral co-operation and health leadership development.

Time Schedule

The program lasts 10 months. It starts in September and finish in June.

Number of Students

10-15 students per year (the number is subjected to be changed)

Requirements for Admission

A candidate must hold an M.D., or D.D.S., D.V.M. or equivalent degree from an accredited school and should have at least one year of working experience. Each applicant must be accepted by the Admission Committee before enrollment to the M.P.H.M. program and be able to communicate well in English.

Requirements for Degree

1. Course Program:

1.1 Within the minimum of 40 semester credits need for graduation, all students must fulfill the following:-

- Core Courses 12 credits
- Required elective Courses 14 credits
- Field work & Research 14 credits

1.2 A "Mini Thesis" is required for the completion of the degree in connection with the field work and research.

2. Grading:

- Completing all courses required by the program with grade point average not less than 3.0

The classroom lectures in the first semester are held in the ASEAN Training Centre for PHC Development and the Faculty of Public Health, Mahidol University. The research and field work are conducted mainly in Chantaburi and Nakorn-sawan Provinces.

Library

The various libraries in the Faculty of Public Health, the main library at Salaya Campus and the ATC/PHC library have variety of text books journals and reports etc, in Thai, English and some other languages. There are services for inter-country library contact in order to borrow or xeroxing the publications

COURSE INSTRUCTION(1) GRHD 602 PRINCIPLES OF PRIMARY HEALTH CARE DEVELOPMENT 3 CREDITS

The PHC concept, elements and supportive strategies including health system analysis and health manpower development are discussed thoroughly. The administrative techniques of comprehensive and integrated community development are also covered. (48 Lecture hrs.)

(2) GRHD 604 METHODS OF HEALTH INFORMATION MANAGEMENT 3 CREDITS

The study of collection, analysis and the application of vital statistics in community health programmes, Students will also learn the techniques of data collection through community survey methods, sampling techniques and sample size determination. The course also includes methods of hypothesis testing, application of tests of significance and the techniques of analysis of parameters in health and development. (32 Lecture hrs.)
32 Practicum hrs.)

(3) GRHD 606 EPIDEMIOLOGICAL STUDIES IN HEALTH SYSTEMS 3 CREDITS

This course provides the knowledge for studying the distribution and determinants of disease, health and development. The students will be trained to utilize the systemic approach for studying causal relationships in the etiology of health problems. There are also studies on the factors influencing integrated health and development. (32 Lecture hrs., 32 Practicum hrs.)

(4) GRHD 608 MANAGEMENT OF ENVIRONMENTAL SANITATION PROGRAMMES 3 CREDITS

This course deals with basic concepts, principles, planning, administration and management of environmental sanitation programmes. The environmental health works to be done in Primary Health Care context include water supply, water, food and housing sanitation waste treatment and disposal, pollution control and occupational health. (24 Lecture hrs.,
48 Field Study hrs.)

(5) GRHD 610 PRIMARY HEALTH CARE/QUALITY OF LIFE MANAGEMENT 3 CREDITS

This course examines issues related to the management necessary for PHC/HFA, especially at provincial, district, sub-district and community levels. Issues covered include integrated development in the community, supportive measures at all levels and the monitoring and evaluation for PHC/HFA and quality of life. (48 Lecture hrs.)

(6) GRHD 612 HEALTH ECONOMICS 3 CREDITS

This course introduces concepts and analytical methods for the quantitative planning, evaluation and management of health care through economics principles. Topics discussed include the demand and supply of health services, the application of cost-benefit and cost-efficiency analysis in health and the appropriated distribution of health resources according to economic situation. (48 Lecture hrs.)

(7) GRHD 614 HEALTH SYSTEM RESEARCH METHOD 3 CREDITS

This course aims at the components of research such as problems identification/justification, purposes of study, hypotheses, conceptual framework, sample size and sampling techniques, data collection, measuring instrument and their reliability and validity, statistical analysis, interpretation, discussion, summarization and etc. (32 Lecture hrs., 32 Practicum hrs.)

(8) GRHD 616 COMPUTERIZATION OF HEALTH INFORMATION 3 CREDITS

The students will be familiar with data processing; coding, editing, data entry, selection soft wares/packages and learn some computer languages in order to be able to analyse the data. (18 Lecture hrs., 60 Practicum hrs.)

(9) GRHD 620 PROGRAMME PLANNING AND EVALUATION 2 CREDITS

The literature, theory and current programmes in health education for different levels of target groups. There will be emphasis on the behavioral and educational approach to public health problems. Students will study the formulation of objectives, teaching-learning methods, evaluation of community health education programmes and also the choice and uses of appropriate Audio-visual teaching aids. There will be particular reference to the educational component and the contribution of health educators in Primary Health Care programmes. (16 Lecture hrs., 32 Field Study hrs.)

(10) GRHD 691 SITUATION ANALYSIS OF HEALTH AND DEVELOPMENT 2 CREDITS

This course focuses on techniques of assessing the current status of a community in terms of specific issues related to Primary Health Care Development and also in terms of examining the various factors influencing these issues. There will be emphasis on practical field work. (16 Lecture hrs., 32 Field Study hrs.)

(11) GRHD 692 ORGANIZATIONAL BEHAVIOR 2 CREDITS

This seminar-practicum is designed to provide the student with practical study in organizational behavior. Content includes some theory of organizations, organizational change and organizational development. The student will be assigned to a specific problem area for field work. (16 Lecture hrs., 32 Field Study hrs.)

(12) GRHD 693 HEALTH MANPOWER MANAGEMENT 2 CREDITS

This course introduces concepts and analytical methods for the management of health manpower. Topics to be studied include the analysis of health services demand in the community, the demand of health manpower in quantitative and qualitative terms, the current supply of health manpower and the desirable forms of health manpower management according to the needs and constraints in the community. (16 Lecture hrs., 32 Field Study hrs.)

(13) GRHD 694 HEALTH LEADERSHIP DEVELOPMENT 2 CREDITS

The course is designed to expose the student to various kinds and levels of leadership in health and their training programmes. The student will learn from the real settings what is leadership in health and how to develop or promote such leadership through the short-term and long-term training programmes. (16 Lecture hrs., 32 Field Study hrs.)

(14) GRHD 696 MANAGEMENT OF TRAINING COURSES 2 CREDITS

The students will take major roles in organising and managing training courses for different levels of target groups. Special emphasis will be on needs assessment of trainees, trainee-trainer interaction, teaching-learning methodology and organization of courses according to the educational climate. The students will be expected to conduct practical teaching sessions. (16 Lecture hrs., 32 Field Study hrs.)

(15) GRHD 698 SOCIO-ECONOMIC AND CULTURAL PERSPECTIVES IN PHC 2 CREDITS

The objective of the course is to reveal and discuss factors so-called socio-economic and cultural influences, affecting human behavior and decision in relation to health status and utilization as well as primary health care aspects. An illustration of the social, economic and cultural factors including

definitions and empirical Thai situation will be first discussed. Both theoretical concepts and research findings on social and cultural influencing health services and health status will be raised and examined. Specific issues in examining health problems, i.e., measurements and health differences will provide further understanding in the subject. Lastly, proposed measures on health and social development is illustrated.
(16 Lecture hrs., 32 Field Study hrs.)

M.P.H.M. ACADEMIC YEAR 1987 - 1988

		1988									
		September	October	November	December	January	February	March	April	May	June

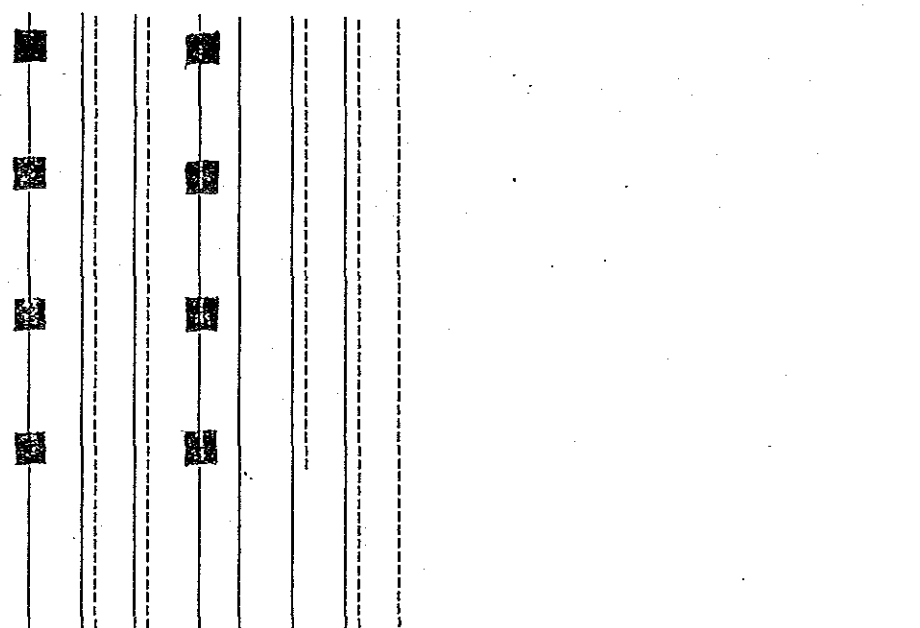
First Semester

1. GRHD 602
2. GRHD 604
3. GRHD 606
4. GRHE 610
5. GRHD 612
6. GRHD 614
7. GRHD 616

8. Thesis Seminar

Second Semester

9. GRHD 608
10. GRFD 610
11. GRHE 620
12. GRHD 691
13. GRHD 692
14. GRHD 693
15. GRHD 694
16. GRHD 696
17. GRHD 697



LIST FOR SHORT TERM EXPERT FROM JICA1. Specification for the post (expert in health education)

(1 person, for 2~4 weeks)

a) duties for which the expert will be responsible

- to assist and supervise in public health planning, development and evaluation of primary health care training curriculum;
- to help strengthen technical preparation of communities and health staffs for primary health care activities;
- to assist in developing networks for primary health care training and development;
- to provide guidelines on management of primary health care research model development, and information and documentation.

b) qualification and experience required

- Holder of MPH or Ph.d. with experiences in public health and health education strategy.
- Being familiar with health service system, especially with primary health care concepts, principles and management, of the ASEAN countries;
- having knowlege and skill concerning health or health personnel training, and health related research.
- read, write and speak English

2. Specificaliton for the post (expert in Computer Scientist)

(2 persons, for 2~4 weeks each)

a) duties for which the expert will be responsible

- to develop the data base system for PHC information;
- to develop the programs to promote information system at ATC/PHC;
- to assist the assistant director of Data processing section;
- to give about two-to-four weeks training course on basic computer knowledge for the MPH/M students and staff of ATC/PHC;

b) qualificaiton and experience required

- Holder Bachelor of Science
- At least 10 years experiences in the field of Computer Sciences.
- Speak and discuss the computer subjects in English

3. Specification for the post (expert in public health);
(1 person, for 2~4 weeks)

a) duties for which the expert will be responsible

- to provide guidelines on management of primary health care research and model development.
- to assist in developing networks for primary health care training and development.
- to help strengthen technical preparation of communities and health staffs for primary health care activities.

b) qualification and experience required

- Holder of MPH or Dr. P.H. with experiences in health administration and health development strategy
- Being familiar with health system research of the ASEAN countries
- Read, write and speak English.

TENTATIVE SCHEDULE OF COURSE OPERATION

Annex II

MONTH	THAI SIDE	JAPANESE SIDE
MARCH , 1987	<ol style="list-style-type: none"> 1. Signing of Record of Discussions 2. Preparation of G.I. 3. Submission of A-1 Form 	<ol style="list-style-type: none"> 1. Signing of Record of Discussions 2. Recruitment of Experts
APRIL	<ol style="list-style-type: none"> 1. Distribution of G.I. & Application Form 	
JULY	<ol style="list-style-type: none"> 1. Opening of Bank Account 2. Submission of Bill of Estimate 3. Receipt of Application Forms 	<ol style="list-style-type: none"> 1. Submission of B-1 Form
AUGUST	<ol style="list-style-type: none"> 1. Notification of the Selection of the Participants 	<ol style="list-style-type: none"> 1. Remittance of Expenses
SEPTEMBER - JULY, 1988	<ol style="list-style-type: none"> 1. Implementation of Course 	<ol style="list-style-type: none"> 1. Dispatch of Experts
AUGUST	<ol style="list-style-type: none"> 1. Submission of Statement of Expenditures 2. Submission of Course Report 	

TENTATIVE ESTIMATE OF EXPENSES TO BE BORN BY BOTH GOVERNMENTS

ITEMS	JAPAN (JICA)		THAILAND		Remarks
<u>INVITATION EXPENSES</u>					
Airfare	168 000	14,000 x 12p	12 000	3,000 x 4p	
Travelling Expenses for Thai Participants					
Airport Tax	1 800	150 x 12p			
Living Allowance for Invited Participants	1 080 000	9,000 x 12px10m			
Living Allowance for Thai Participants			172,000	4,300x 4px10m	
Shipping Allowance			6 400	400 x16p	
Medical Insurance	60,000	5,000 x 12 P	20,000	5,000 x4P	
SUB TOTAL	1,309,800		210,400		
<u>TUITION AND FEES</u>					
Tuition and Fees for Invited Participants	767,000	76,700 x 10 P			US.\$2950/student/yr. US.\$1 = 26 B
Tuition and Fees for Thai Invited Participants			460,200	76,700 x 6 p	
ADMINISTRATIVE COST			660 000		
<u>MEETING EXPENSE</u>	30 000				
GRAND TOTAL	2,106,800		1,330,600		

參考資料： Tentative Time Table for the Course

First Semester (Tentative)
(September 1987 - January 1988)

September 1987

Date	09:00 - 12:00	13:00 - 16:00
Aug. 31 (Mon)	Registration Opening Ceremony Orientation	Course Guidance
(Tue) 1	GRHD 602 PHC Concept	GRHD 610 Management for PHC, QOL
(Wed) 2	GRHD 604 Collection of Vital Statistics	GRHD 604 (Practicum)
(Thu) 3	GRHD 606 Distrition of Disease	GRHD 606 (Practicum)
(Fri) 4	GRHD 612 Concepts of Health Economics	GRHD 614 Component of Research
(Mon) 7	GRHD 616 Data Processing	GRHD 615 (Practicum)
(Tue) 8	GRHD 602 PHC Concept	GRHD 610 Management for PHC, QOL
(Wed) 9	GRHD 604 Collection of Vital Statistics	GRHD 604 (Practicum)
(Thu) 10	GRHD 606 Distribution of Disease	GRHD 606 (Practicum)
(Fri) 11	GRHD 612 Concept of Health Economics	GRHD 614 Component of Research
(Mon) 14	GRHD 616 Data Processing	GRHD 616 (Practicum)
(Tue) 15	GRHD 602 PHC Concept	GRHD 610 Management for Province Level
(Wed) 16	GRHD 604 Analysis of Vital Statistics	grhd 604 (Practicum)
(Thu) 17	GRHD 606 Determinants of Health	GRHD 606 (Practicum)
(Fri) 18	GRHD 612 Concepts of Health Economics	GRHD 614 Hypotheses

September and October 1987

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 21	GRHD 616 Software	GRHD 616 (Practicum)
(Tue) 22	GRHD 602 PHC Element	GRHD 610 Management for Province Level
(Wed) 23	GRHD 604 Analysis of Vital Statistics	GRHD 604 (Practicum)
(Thu) 24	GRHD 606 Determinants of Health	GRHD 606 (Practicum)
(Fri) 25	GRHD 612 Analytical Methods	GRHD 614 Hypotheses
(Mon) 28	GRHD 616 Software	GRHD 616 (Practicum)
(Tue) 29	GRHD 602 PHC Element	GRHD 610 Management for District Level
(Wed) 30	GRHD 604 Community Survey Methods	GRHD 604 (Practicum)
(Thu) 1	GRHD 606 Causal Relationship	GRHD 606 (Practicum)
(Fri) 2	GRHD 612 Analytical Methods	GRAH 614 Sampling Techniques
(Mon) 5	GRHD 616 Computer Languages	GRHD 616 (Practicum)
(Tue) 6	GRHD 602 PHC Element	GRHD 610 Management for District Level
(Wed) 7	GRHD 604 Community Survey Methods	GRHD 604 (Practicum)
(Thu) 8	GRHD 606 Causal relationship	GRHD 606 (Practicum)
(Fri) 9	GRHD 612 Analytical Methods	GRHD 614 Sampling Techniques

October 1987

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 12	GRHD 616 Computer Languages	GRHD 616 (Practicum)
(Tue) 13	GRHD 602 phc strategy	GRHD 610 Management for Sub-district
(Wed) 14	GRHD 604 Application of Vital Statistics	grhd 604 (Practicum)
(Thu) 15	GRHD 606 Systems Approach	GRHD 606 (Practicum)
(Fri) 16	GRHD 612 Demand and Supply	GRHD 614 Discussion
(Mon) 19	GRHD 616 Data Processing	GRHD 616 (Practicum)
(Tue) 20	GRHD 602 PHC Strategy	GRHD 610 Management for Sub-district
(Wed) 21	GRHD 604 Application of Vital Statistics	GRHD 604 (Practicum)
(Thu) 22	GRHD 606 Systems Approach	GRHD 606 (Practicum)
(Fri) 23	Holiday (Practicum)	Holiday (Practicum)
(Mon) 26	GRHD 616 Data Processing	GRHD 616 (Practicum)
(Tue) 27	GRHD 602 Field Study	GRHD 610 Field Study
(Wed) 28	GRHD 604 Techniques of Parameter	GRHD 604 (Practicum)
(Thu) 29	GRHD 606 Factors of Integration	GRHD 606 (Practicum)
(Fri) 30	GRHD 612 Demand and Supply	GRHD 614 Discussion

November 1987

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 2	GRHD 616 Software	GRHD 616 (Practicum)
(Tue) 3	GRHD 602 Field Study	GRHD 610 Field Study
(Wed) 4	GRHD 604 Techniques of Parameter	GRHD 604 (Practicum)
(Thu) 5	GRHD 606 Factors of Integration	GRHD 606 (Practicum)
(Fri) 6	GRHD 612 Demand and Supply	GRHD 612 Summarization
(Mon) 9	GRHD 615 Software	GRHD 616 Practicum
(Tue) 10	GRHD 602 PHC Strategy	GRHD 610 Integrated Development
(Wed) 11	GRHD 604 Methods of Hypothesis	GRHD 604 (Practicum)
(Thu) 12	GRHD 606 Factors of Integration	GRHD 606 (Practicum)
(Fri) 13	GRHD 612 Demand and Supply	GRHD 614 Summarization
(Mon) 16	GRHD 616 Software	GRHD 616 Practicum
(Tue) 17	GRHD 602 Health System Analysis	GRHD 610 Integrated Development
(Wed) 18	GRHD 604 Methods of Hypothesis Test	GRHD 604 (Practicum)
(Thu) 19	GRHD 606 Distribution of Disease	GRHD 606 Practicum
(Fri) 20	GRHD 612 Cost - Benefit	GRHD 614 Summarization

November and December 1987

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 23	GRHD 616 Computer Language	GRHD 615 Practicum
(Tue) 24	GRHD 602 Health Systems Analysis	GRHD 610 Monitoring
(Wed) 25	GRHD 604 Community Servey	GRHD 604 Practicum
(Thu) 26	GRHD 606 Etiology	GRHD 606 Practicum
(Fri) 27	GRHD 612 Cost - Benefit	GRHD 614 Sampling - Practicum
(Mon) 30	GRHD 616 Computer Languages	GRHD 616 Practicum
(Tue) 1	GRHD 602 Field Study	GRHD 610 Field Study
(Wed) 2	GRHD 604 Community Servey	GRHD 604 Practicum
(Thu) 3	GRHD 606 Etiology	GRHD 606 Practicum
(Fri) 4	GRHD 612 Cost - Benefit	GRHD 614 Sampling - Practicum
(Mon) 7	GRHD 616 Computer Language	GRHD 616 Practicum
(Tue) 8	GRHD 602 Field Study	GRHD 610 Field Study
(Wed) 9	GRHD 604 Hypothesis Test	GRHD 604 Practicum
(Thu) 10	Holiday	Holiday
(Fri) 11	GRHD 612 Distribution of Resources	GRHD 614 Sampling - Practicum

December 1987

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 14	GRHD 616 Examination	GRHD 616 Examination
(Tue) 15	GRHD 602 Health Manpower	GRHD 610 Monitoring
(Wed) 16	GRHD 604 Hypothesis Test	GRHD 604 Practicum
(Thu) 19	GRHD 606 Etiology	GRHD 606 Practicum
(Fri) 18	GRHD 612 Distribution of Resources	GRHD 614 Sampling - Practicum
(Mon) 21	GRHD 602 Health Manpower	GRHD 602 Administrative Techniques
(Tue) 22	GRHD 602 Administrative Techniques	GRHD 610 Evaluation
(Wed) 23	GRHD 604 Examination	GRHD 604 Examination
(Thu) 24	GRHD 606 Examination	GRHD 606 Examination
(Fri) 25	Moliday	Moliday
(Mon) 28	GRHD 602 Integrated Community Development	
(Tue) 29	GRHD 602 Examination	grhd 610 Evaluation
(Wed) 30	Moliday	Moliday
(Thu) 31	Moliday	Moliday

January 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 4	GRHD 602 Integrated Community Development	GRHD 602
(Tue) 5	GRHD 602 Field Study	GRHD 610 Field Study
(Wed) 6	Thesis	Thesis
(Thu) 7	Thesis	Thesis
(Fri) 8	GRHD 612 Distribution of Resources	GRHD 614 Hypothesis - Practicum
(Mon) 11	GRHD 602 Integrated Community Development	GRHD 602
(Tue) 12	GRHD 602 Field Study	GRHD 610 Field Study
(Wed) 13	Thesis	Thesis
(Thu) 14	Thesis	Thesis
(Fri) 15	Thesis	GRHD 614 Hypothesis - Practicum
(Mon) 18	Thesis	Thesis
(Tue) 19	Thesis	Thesis
(Wed) 20	Thesis	Thesis
(Thu) 21	Thesis	GRHD 614 Summarization - Practicum
(Fri) 22	Thesis	GRHD 614 Hypothesis - Practicum

January and February 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 25	Thesis	Thesis
(Tue) 25	Thesis	Thesis
(Wed) 27	Thesis	Thesis
(Thu) 28	Thesis	GRHD 614 Summarization - Practicum
(Fri) 29	Thesis	GRHD 614 Examination
(Mon) 15	GRHD 618 Cultural in PHC	GRHD 618 (Field Study)
(Tue) 16	GRHD 618 Cultural in PHC	GRHD 618 (Field Study)
(Wed) 17	GRHD 618 Community Perspective in PHC	GRHD 618 (Field Study)
(Thu) 18	GRHD 618 Community Perspective in PHC	GRHD 618 (Field Study)
(Fri) 19	GRHD 620 Evaluation of Objectives	GRHD 620 (Field Study)
(Mon) 22	GRHD 620 Formulation of Objectives	GRHD 620 (Field Study)
(Tue) 23	GRHD 620 Teaching - Learning Methods	GRHD 620 (Field Study)
(Wed) 24	GRHD 620 Teaching - Learning Methods	GRHD 620 (Field Study)
(Thu) 25	GRHD 620 Evaluation of Community Education	GRHD 620 (Field Study)
(Fri) 26	GRHD 620 Evaluation of Community Education	GRHD 620 (Field Study)

February and March 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 29	GRHD 691 Techniques of Assess	GRHD 691 (Field Study)
(Tue) 1	GRHD 691 Techniques of Assess	GRHD 691 (Field Study)
(Wed) 2	GRHD 691 Faming Factors	GRHD 691 (Field Study)
(Thu) 3	GRHD 691 Faming Factors	GRHD 691 (Field Study)
(Fri) 4	GRHD 691 Community Work	GRHD 691 (Field Study)
(Mon) 7	GRHD 691 Community Work	GRHD 691 (Field Study)
(Tue) 8	GRHD 692 Organizational Change	GRHD 692 (Field Study)
(Wed) 9	GRHD 692 Organizational Change	GRHD 692 (Field Study)
(Thu) 10	GRHD 692 Problem Area	692 (Field Study)
(Fri) 11	GRHD 692 Problem Area	GRHD 692 (Field Study)
(Mon) 14	GRHD 692 Organization in Field	GRHD 692 (Field Study)
(Tue) 15	GRHD 692 Organization in Field	GRHD 692 (Field Study)
(Wed) 16	GRHD 693 Community Analysis	GRHD 693 (Field Study)
(Thu) 17	GRHD 693 Community Analysis	GRHD 693 (Field Study)
(Fri) 18	GRHD 693 Community Management	GRHD 693 (Field Study)

March and April 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 21	GRHD 693 Community Management	GRHD 693 (Field Study)
(Tue) 22	GRHD 693 Analysis of Management	GRHD 693 (Field Study)
(Wed) 23	GRHD 693 Analysis of Management	GRHD 693 (Field Study)
(Thu) 24	GRHD 694 Short - Term	GRHD 694 (Field Study)
(Fri) 25	GRHD 694 Short - Term	GRHD 694 (Field Study)
(Mon) 28	GRHD 694 Long - Term	GRHD 694 (Field Study)
(Tue) 29	GRHD 694 Long - Term	GRHD 694 (Field Study)
(Wed) 30	GRHD 694 Expose to various level	GRHD 694 (Field Study)
(Thu) 31	GRHD 694 Expose to various level	GRHD 694 (Field Study)
(Fri) 1	GRHD 696 Conduct Teaching	GRHD 696 (Field Study)
(Mon) 4	GRHD 696 Conduct Teaching	GRHD 696 (Field Study)
(Tue) 5	GRHD 696 Course Arrangement	GRHD 696 (Field Study)
(Wed) 6	Holiday	Holiday
(Thu) 7	GRHD 696 Target Group Course	GRHD 696 (Field Study)
(Fri) 8	GRHD 696 Target Group Course	GRHD 696 (Field Study)

April 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 11	GRHD 608 Safe Water Supply	GRHD 608 Safe Water Supply
(Tue) 12	GRHD 608 Food	GRHD 608 Food
(Wed) 13	Holiday	Holiday
(Thu) 14	GRHD 608 Water Disposal	GRHD 608
(Fri) 15	GRHD 608 Air and Housing	GRHD 608
(Mon) 18	GRHD 608 Occupational Health	GRHD 608
(Tue) 19	GRHD 618 Sociological Perspectives	GRHD 618
(Wed) 20	GRHD 618 Economic Perspectives	GRHD 618
(Thu) 21	GRHD 618 Cultural Perspectives	GRHD 618
(Fri) 22	GRHD 620 Behavioral Approach	GRHD 620
(Mon) 25	GRHD 620 Educational Approach	GRHD 620
(Tue) 26	GRHD 620 Teaching - Learning Methods	GRHD 620
(Wed) 29	GRHD 691 Assessment of Health Status	GRHD 691
(Thu) 28	GRHD 691 Assessment of Community	GRHD 691
(Fri) 29	GRHD 691 Influents to Health Development	GRHD 691

May 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 2	GRHD 692 Theory	GRHD 692 Theory
(Tue) 3	GRHD 692	GRHD 692 Organizational Change
(Wed) 4	GRHD 692	GRHD 692 Organizational Development
(Thu) 5	Holiday	Holiday
(Fri)	GRHD 693	GRHD 693 Analysis of Health Services Demand
(Mon) 9	GRHD 693	GRHD 693 Demand of Health Manpower
(Tue) 10	GRHD 693	GRHD 693 Manpower Management
(Wed) 11	Holiday	Holiday
(Thu) 12	GRAD 694	GRHD 694 Leadership in Health
(Fri) 13	GRHD 694	GRHD 694 Leadership in Training
(Mon) 16	GRHD 694	GRHD 694 How to develop leadership
(Tue) 17	GRHD 696	GRHD 696 Assessment of Trainees
(Wed) 18	GRHD 695	GRHD 696 Trainer - Trainee Interaction
(Thu) 19	GRHD 696	GRHD 696 Organization of Courses
(Fri) 20	GRHD 608 Examination	GRHD 608 Examination

May and June 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 23	GRHD 618	GRHD 618 Examination
(Tue) 24	GRHD 620	GRHD 620 Examination
(Wed) 25	GRHD 691	GRHD 691 Examination
(Thu) 26	GRHD 692	GRHD 692 Examination
(Fri) 27	GRHD 693	GRHD 693 Examination
(Mon) 30	GRHD 694	GRHD 694 Examination
(Tue) 31	GRHD 696	GRHD 696 Examination
(Wed) 1	GRHD 699 Thesis	GRHD 699 Thesis
(Thu) 2	GRHD 699 Thesis	GRHD 699 Thesis
(Fri) 3	GRHD 699 Thesis	GRHD 699 Thesis
(Mon) 6	GRHD 697	GRHD 697
(Tue) 7	GRHD 697	GRHD 697
(Wed) 8	Thesis	Thesis
(Thu) 9	Thesis	Thesis
(Fri) 10	Thesis	Thesis

June 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 13	GRHD 697	GRHD 697
(Tue) 14	GRHD 697	GRHD 697
(Wed) 15	Thesis	Thesis
(Thu) 16	Thesis	Thesis
(Fri) 17	Thesis	Thesis
(Mon) 20	GRHD 697	GRHD 697
(Tue) 21	GRHD 697	GRHD 697
(Wed) 22	Thesis	Thesis
(Thu) 23	Thesis	Thesis
(Fri) 24	Thesis	Thesis
(Mon) 27	GRHD 697	GRHD 697
(Tue) 28	GRHD 697	GRHD 697
(Wed) 29	Thesis	Thesis
(Thu) 30	Thesis	Thesis

February 1988

Date	09:00 - 12:00	13:00 - 16:00
(Mon) 1	GRHD 608 Planning of Environment	GRHD 608 (Field Study)
(Tue) 2	GRHD 608 Planning of Environment	GRHD 608 (Field Study)
(Wed) 3	GRHD 608 Planning and Implement	GRHD 608 (Field Study)
(Thu) 4	GRHD 608 Implement of Environment	GRHD 608 (Field Study)
(Fri) 5	GRHD 608 Implement of Environment	GRHD 608 Field Study)
(Mon) 8	GRHD 608 Evaluation of Environment	GRHD 608 (Field Study)
(Tue) 9	GRHD 608 Evaluation of Environment	GRHD 608 (Field Study)
(Wed) 10	GRHD 608 Management of Occupation	GRHD 608 (Field Study)
(Thu) 11	GRHD 618 Socio-Economic in Community	GRHD 618 (Field Study)
(Fri) 12	GRHD 618 Socio-Economic in Community	GRHD 618 (Field Study)

JICA