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Educational methods
The Master course comprises four main original, cutting edge educational phases; called « blended training ».

1. An initial four week intensive gathering the students on the Public Health campus of Public (IRSP). This institute is supported by the OMS and is situated at Ouidah, Benin. This session includes 165 hours of lectures, workshops, case studies and field investigation.
2. Distance learning completes classes and includes self-assessment exercises and rated work. The EAD extends over the 8 months following the course.
3. Tutoring on the work site or during the internship of the students comprises three supervisions spread over 9 months and carried out by teams of supervisors.
4. An operational research memoir defended at the end of the cursus before a jury consisting of teachers from the Master and international experts recommended according to their skills.
5. The viva voce is also held at Ouidah.

Eligibility
There are several admission conditions:

• Holding a first year of a Master course in the fields of Economy, management, public health or science of society (national or equivalent) + professional experience (two years minimum) in a field close to the interests of the Master (in Europe or countries targeted by the Master).
• Holding a PHD in medicine (or pharmacy) national or equivalent + two years professional experience in public health in the countries targeted by the Master or in Europe.
• Holding a degree from a top engineering, scientific, business or economic school or IEP + professional experience in a field close to the interests of the Master.
• Obtaining official recognition of acquired professional experience (VAPP): 3 years minimum professional experience in public health, in the countries targeted by the Master or in Europe.

The candidates will be selected after:
• a preselection screened from application files and a written exam;
• an in-depth interview with a jury.
The Master programme was born from two essential issues:

1. Sustainable development is inconceivable without the steady development of public health and the perennity of preventive vaccination programmes is one of the strongholds.
2. The key to this strategic direction is the acquisition of knowledge and expertise of health professionals, employed in this field or intending to work in developing countries, which has led to an emerging new managerial profile.

The Master was designed to strengthen the capacity of the programmes of public health in developing countries, and specifically the vaccination programme. The skills that it seeks to convey, both theoretical and acquired under real conditions, combine the disciplines of management and those of health.

Objectives

This Master supports vaccination and public health services by strengthening the technical and managerial capacities of professionals and doctors working on these programmes.

The specificity of this training is the mixed nature of the partnership:

Public-private: between Paris-Dauphine and the Agency of Preventive Medicine. The latter, a non-profit association, is the supervisor of the programme EPIVAC which is the contribution of SANOHI Pasteur at GAVI (Global Alliance for Vaccines and Immunization), created at the initiative of Bill and Melinda Gates in 2000.

North-South: between Paris-Dauphine and university institutes in sub-Saharan Africa: chiefly Cocody Abidjan (Ivory Coast), Regional Institute of Public Health (Benin), Ouagadougou (Burkina Faso), Cheikh Anta Diop (Senegal).

Bilateral-multilateral: The training is in collaboration with the French Minister of Foreign Affairs and the Ministries of Health of the recipient States, as well as with multilateral health organizations.

Public concerned and work prospects

The public targeted by the Master is made up of public health professionals in the countries concerned, as well as personnel of international partners, NGO’s, studies and consultancy firms which support these countries.

The countries targeted are mainly those of sub-Saharan Africa, especially in West Africa and French-speaking Central Africa: Benin, Burkina Faso, Cameroon, the Ivory Coast, Guinea, Mali, Mauritania Central African republic, Senegal, Togo and certain countries in Southeast Asia: Cambodia, Laos, Vietnam.

At the end of the training, the graduates can claim positions of:

- In charge of health services, programmes, budget and financial services in Health Ministries of developing countries and those in economic transition;
- Regional Health Directors; Head Doctors of health districts in those same countries;
- Administrators of development partners (posted in the country or European residents who wish to emigrate);
- Managers of sanitary programmes in NGO’s (posted in the country or European residents who wish to emigrate);
- Project leaders or research managers (economic, financial, management) in studies and consultancy firms.

The programme

The programme comprises 12 mandatory study units (EU), some focused on theoretical aspects, others on practical ones.

The Master 2 course totals 522 hours and 60 credits.

I –Theoretical classes

<table>
<thead>
<tr>
<th>UE</th>
<th>Course Name</th>
<th>Credits</th>
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<tbody>
<tr>
<td>1</td>
<td>Economics of health</td>
<td>57h</td>
</tr>
<tr>
<td>2</td>
<td>Public Health policies in the PVD</td>
<td>65h</td>
</tr>
<tr>
<td>3</td>
<td>Human resources management in Public Health</td>
<td>40h</td>
</tr>
<tr>
<td>4</td>
<td>Foundations and methods of epidemiology</td>
<td>62h</td>
</tr>
<tr>
<td>5</td>
<td>Ethics, equity and public health in the PVD</td>
<td>9h</td>
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II - Practical classes

<table>
<thead>
<tr>
<th>UE</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>6</td>
<td>Management of public health programmes I</td>
<td>50h</td>
</tr>
<tr>
<td>7</td>
<td>Management of public health programmes II</td>
<td>50h</td>
</tr>
<tr>
<td>8</td>
<td>Communication management</td>
<td>24h</td>
</tr>
<tr>
<td>9</td>
<td>Management of a large public health programme: vaccine</td>
<td>50h</td>
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<tr>
<td>10</td>
<td>Computer science workshop</td>
<td>25h</td>
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<td>11</td>
<td>Supervision/training course</td>
<td>90h</td>
</tr>
<tr>
<td>12</td>
<td>Operational research dissertation</td>
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In charge of the course units

- AKA Joseph: Prof. Holder of the aggregation in Bio-statistics University of Cocody Abidjan
- APROGAN Aristide: Doctor Epidemiologist Technical director of EPIVAC Preventive Medicine Agency
- ARESTOFF-JZZO Florence: Lecturer in Economics University Paris-Dauphine
- COLOMBINI Anais: In charge of Economics and Financial studies Preventive Medicine Agency
- DA SILVA Alfred: Doctor- Executive Director of the Preventive Medicine agency
- DRACH Marcel: Lecturer in Economics University Paris-Dauphine
- EKRA Daniel: Assistant professor in Epidemiology Université de Cocody Abidjan
- JAILLARD Philippe: Computer scientist – Health consultant in Logistics Preventive Medicine Agency
- LEVY Pierre: Lecturer in Economics University Paris-Dauphine
- RAFFINOT Marc: Lecturer in Economics University Paris-Dauphine
- SAILOU Pierre: Professor of Epidemiology Val de Grâce – Paris

Organization of the course

The course takes place in three phases:

1. An initial four-week intensive (November) gathering the students on the OMS campus situated at Ouidah (Benin);
2. On return to their professional work sites, the students will follow distance learning;
3. They will follow four training supervision sessions (February to September).

Classes (classroom courses and EAD) including the supervisions, represent 51 credits; the operational research memoir counts for 9 credits.

The faculty

The faculty consists of associate-professors from Paris-Dauphine, AMP experts, associate-professors from the South, starting with the University of Cocody, Abidjian, and experts from international organizations, specifically those of OMS (West Africa Health).