

## CERTIFICATE OF ACADEMIC RECORD

In compliance with the regulation cited in the application filed at this office, I, Maria Manuela Madureira Carvalho, Secretary of Escola Superior de Tecnologia da Saúde de Lisboa (Lisbon Higher School of Health Technology), hereby certify that our records state that **Filipe dos Santos Fernandes**, a student at this school, born in France to José Júlio Cabral Fernandes and Maria Isabel Rebelo dos Santos Fernandes and bearer of ID card number 12055567 issued in Lisbon on 16-01-2003, completed the modules listed below as part of the study plan approved by ordinance number 1128/2000, of 20 January, of the 1<sup>st</sup> cycle of studies of the two-stage *Licenciatura* (Licentiate) degree course in **Cardiopulmonology**.

Module	Mark	Academic Year
Anatomy and Physiology I	14	2000-01
Epidemiology	16	2000-01
Human Biology	14	2000-01
Data and Information Processing Methods I	12	2000-01
Introduction to Psychology	14	2000-01
Professional Integration seminar	15	2000-01
Applied Physics	10	2000-01
Anatomy and Physiology II	15	2000-01
Biochemistry	11	2000-01
Data and Information Processing Methods II	18	2000-01
Sociology of Organisations	16	2000-01
Biophysics	12	2000-01
Healthcare	16	2000-01
Pathology I	18	2000-01
Sociology of Professions	14	2001-02
Pharmacology and General Therapeutics	12	2001-02
Electrocardiology I	16	2001-02
Cardiovascular Ultrasound Scan I	17	2001-02
Cardiovascular Invasive Methods and Techniques	18	2001-02
Pathology II	17	2001-02
Diagnosis Methods and Techniques in Pulmonology I	16	2001-02
Social Psychology	18	2001-02
Education and Health	16	2001-02
Electrocardiology II	18	2001-02
Cardiovascular Ultrasound Scan II	17	2001-02
Pathology III	15	2001-02
Cardiovascular Intervention Technology	18	2001-02
Diagnosis Methods and Techniques in Pulmonology II	16	2001-02
Project I	16	2002-03
Seminars	16	2002-03
Training Internship I	17	2002-03
Extracorporeal Circulation Technology	17	2002-03
Angiological Diagnostic Techniques	18	2002-03
Project II	17	2002-03
Training Internship II	18	2002-03

Course final overall mark – 16 (sixteen)

Checked  
(Initials)

Date: 14 August 2003

On behalf of the Secretary

Manuela Madureira  
(signature and seal)

### Translator's Statement:

---

I, the undersigned Maria Teresa Costa Telo Pacheco, an independent translator on the list of translators of the British Embassy in Portugal, formerly Translation/Education Officer at the British Council in Lisbon, Portugal, and resident at Travessa da Palmeira 26–1, Lisbon, Portugal, hereby declare that I am fluent in the Portuguese and English languages, and that the English text on the previous page is, to the best of my ability, knowledge and belief, a true, complete and correct translation of the original document written in Portuguese, a copy of which is on the next page.

Lisbon, 21 February 2013



Teresa Pacheco  
T+351214086685 / M+351914066494  
teresapacheco@gmail.com

### Translator's Notes:

---

- Before the Bologna reforms introduced in 2006, a Portuguese *Licenciatura* qualification or *Licenciado* degree (Licentiate degree/Academic License) was a first degree awarded after completion of a course of study lasting normally from 4 to 5 years, and occasionally 6. Today's programmes roughly equivalent in time duration to many old *Licenciatura* programmes confer a Master's degree.
- The old two-stage *Licenciatura* courses awarded a *Bacharel* degree/*Bacharelato* qualification at the end of the first cycle of studies and a *Licenciatura* degree at the end of the second cycle of studies. A Portuguese *Bacharelato* qualification constituted a professionally oriented 3-year undergraduate degree.
- The Portuguese higher education system awards marks on a scale of 0 to 20 (pass mark: 10).



## CERTIFICADO CURRICULAR

MARIA MANUELA MADUREIRA CARVALHO, Secretária da Escola Superior de Tecnologia da Saúde de Lisboa, CERTIFICA, em cumprimento do despacho exarado em requerimento que fica arquivado nesta Secretaria, que nos livros competentes consta:

**a) FILIPE DOS SANTOS FERNANDES**

Portador(a) do B.I. n.º 12055567 passado pelo Arquivo de Lisboa em 16-01-2003, aluno(a) da Escola, natural de França, filho(a) de José Júlio Cabral Fernandes e de Maria Isabel Rebelo dos Santos Fernandes realizou as unidades curriculares, abaixo discriminadas, do plano de estudos aprovado pela portaria n.º 1128/2000, de 20 de Janeiro, do 1º ciclo do curso bietápico de licenciatura em CARDIOPNEUMOLOGIA

Unidades Curriculares	Classificação	Ano Lectivo de Aprovação
Anatomo-Fisiologia I	14	2000-01
Epidemiologia	16	2000-01
Biologia Humana	14	2000-01
Métodos de Tratamento de Dados e Informação I	12	2000-01
Introdução à Psicologia	14	2000-01
Seminário de Integração Profissional	15	2000-01
Física Aplicada	10	2000-01
Anatomo-Fisiologia II	15	2000-01
Bioquímica	11	2000-01
Métodos de Tratamento de Dados e Informação II	18	2000-01
Sociologia das Organizações	16	2000-01
Biofísica	12	2000-01
Cuidados de Saúde	16	2000-01
Patologia I	18	2000-01
Sociologia das Profissões	14	2001-02
Farmacologia e Terapêutica Geral	12	2001-02
Electrocardiologia I	16	2001-02
Ultra-Sonografia Cardiovascular I	17	2001-02
Métodos e Técnicas Invasivas Cardiovasculares	18	2001-02
Patologia II	17	2001-02
Métodos e Técnicas de Diagnóstico em Pneumologia I	16	2001-02
Psicologia Social	18	2001-02
Educação e Saúde	16	2001-02
Electrocardiologia II	18	2001-02
Ultra-Sonografia Cardiovascular II	17	2001-02
Patologia III	15	2001-02
Tecnologia de Intervenção Cardiovascular	18	2001-02
Métodos e Técnicas de Diagnóstico em Pneumologia II	16	2001-02
Projecto I	16	2002-03
Seminários	16	2002-03
Estágio de Aprendizagem I	17	2002-03
Tecnologia de Circulação Extracorporal	17	2002-03
Técnicas de Diagnóstico em Angiologia	18	2002-03
Projecto II	17	2002-03
Estágio de Aprendizagem II	18	2002-03

a) Nome do(a) Aluno(a)

NOTA FINAL DE CURSO - (16) Dezassex VALORES



FUNDOS ESTRUTURAIS

DATA: 14 de Agosto de 2003

A SECRETÁRIA

Dr.ª Manuela Madureira

## CERTIFICATE OF ACADEMIC RECORD

In compliance with the regulation cited in the application filed at this office, I, Maria Manuela Madureira Carvalho, Secretary of Escola Superior de Tecnologia da Saúde de Lisboa (Lisbon Higher School of Health Technology), hereby certify that our records state that **Filipe dos Santos Fernandes**, a student at this school, born in France to José Júlio Cabral Fernandes and Maria Isabel Rebelo dos Santos Fernandes and bearer of ID card number 12055567 issued in Lisbon on 16-01-2003, completed the modules listed below as part of the study plan approved by ordinance number 1128/2000, of 20 January, of the 2<sup>nd</sup> cycle of studies of the two-stage *Licenciatura* (Licentiate) degree course in **Cardiopulmonology**.

Module	Mark	Academic Year
Sociology of Health	15	2003-04
Physiological Sign Processing	16	2003-04
Advanced Biostatistics	15	2003-04
Medical Emergency	16	2003-04
Physiology of Exercise	16	2003-04
Cardiopulmonology Applied Research I	16	2003-04
Methodology of Electrophysiological Studies I	17	2003-04
Psychology of Health	14	2003-04
Health Administration	13	2003-04
Cardiopulmonology Applied Research II	17	2003-04
Methodology of Electrophysiological Studies II	15	2003-04
Cardiorespiratory Ergometrics	14	2003-04
Emergency Methods and Techniques	15	2003-04
Cardiovascular Perfusion Methods and Techniques	18	2003-04

Course final overall mark – 16 (sixteen)

Checked  
(Initials)

Date: 30 December 2004

Secretary

Manuela Madureira  
(signature and seal)

### Translator's Statement:

---

I, the undersigned Maria Teresa Costa Telo Pacheco, an independent translator on the list of translators of the British Embassy in Portugal, formerly Translation/Education Officer at the British Council in Lisbon, Portugal, and resident at Travessa da Palmeira 26–1, Lisbon, Portugal, hereby declare that I am fluent in the Portuguese and English languages, and that the English text on the previous page is, to the best of my ability, knowledge and belief, a true, complete and correct translation of the original document written in Portuguese, a copy of which is on the next page.

Lisbon, 21 February 2013



Teresa Pacheco  
T+351214086685 / M+351914066494  
teresapacheco@gmail.com

### Translator's Notes:

---

- Before the Bologna reforms introduced in 2006, a Portuguese *Licenciatura* qualification or *Licenciado* degree (Licentiate degree/Academic License) was a first degree awarded after completion of a course of study lasting normally from 4 to 5 years, and occasionally 6. Today's programmes roughly equivalent in time duration to many old *Licenciatura* programmes confer a Master's degree.
- The old two-stage *Licenciatura* courses awarded a *Bacharel* degree/*Bacharelato* qualification at the end of the first cycle of studies and a *Licenciatura* degree at the end of the second cycle of studies. A Portuguese *Bacharelato* qualification constituted a professionally oriented 3-year undergraduate degree.
- The Portuguese higher education system awards marks on a scale of 0 to 20 (pass mark: 10).



## CERTIFICADO CURRICULAR

MARIA MANUELA MADUREIRA CARVALHO, Secretária da Escola Superior de Tecnologia da Saúde de Lisboa, CERTIFICA, em cumprimento do despacho exarado em requerimento que fica arquivado nesta Secretaria, que nos livros competentes consta:

**a) FILIPE DOS SANTOS FERNANDES**

Portador(a) do B.I. n.º 12055567 passado pelo Arquivo de Lisboa em 16-01-2003, aluno(a) da Escola, natural de França, filho(a) de José Júlio Cabral Fernandes e de Maria Isabel Rebelo dos Santos Fernandes realizou as unidades curriculares, abaixo discriminadas, do plano de estudos aprovado pela portaria n.º 1128/2000, de 20 de Janeiro, do 2º ciclo do curso bietápico de licenciatura em CARDIOPNEUMOLOGIA

Unidades Curriculares	Classificação	Ano Lectivo de Aprovação
Sociologia da Saúde	15	2003-04
Processamento de Sinais Fisiológicos	16	2003-04
Complementos de Bioestatística	15	2003-04
Emergência Médica	16	2003-04
Fisiologia do Exercício	16	2003-04
Investigação Aplicada em Cardiopneumologia I	16	2003-04
Metodologias de Estudos Electrofisiológicos I	17	2003-04
Psicologia da Saúde	14	2003-04
Administração em Saúde	13	2003-04
Investigação Aplicada em Cardiopneumologia II	17	2003-04
Metodologias de Estudos Electrofisiológicos II	15	2003-04
Ergometria Cardiorespiratória	14	2003-04
Métodos e Técnicas em Emergência	15	2003-04
Métodos e Técnicas em Perfusão Cardiovascular	18	2003-04

a) Nome do(a) Aluno(a)

**NOTA FINAL DE CURSO - (16) Dezasseis VALORES**



**A SECRETÁRIA**

*Dr.ª Manuela Madureira*

**DATA: 30 de Dezembro de 2004**



FUNDOS ESTRUTURAIS

UNIVERSIDADE DE LISBOA - FACULDADE DE CIÊNCIAS  
(UNIVERSITY OF LISBON - FACULTY OF SCIENCE)

I, Aldina Maria Vieira, Head of Academic Services, hereby certify that this Faculty's records state that **Filipe dos Santos Fernandes**, bearer of ID card no. 12055567 issued in Lisbon, successfully completed the **Mestrado (Master degree) course in Biophysics – specialising in Medical Biophysics and Physics** on 30 June 2009 with a final classification of **Muito Bom (Very Good)**, and was therefore awarded the **degree of Mestre (Master) in Biophysics**. As part of the course the student completed the modules listed below.

Module name	Mark	Date
Molecular Biophysics and Membranes	18	02-02-2007
Data Acquisition and Processing	15	16-03-2007
Biophysics of Physiological Processes	19	30-03-2007
Biophysics Seminar	18	20-04-2007
Biophysics Lab	18	27-04-2007
Medical Physics	19	29-05-2007
Statistical Methods in Biological Experimentation	18	13-07-2007
Medical Physics Seminar	18	27-07-2007
Biophysics Traineeship	18	31-07-2007
Biomedical Engineering Seminar	18	31-07-2007

I further certify that the student has already requested the corresponding degree registration certificate.

Lisbon, 3 July 2009

Checked: (signatures)

This certificate bears the Faculty's official embossed seal as proof of authenticity.

On behalf of the Head of Academic Services

(Signature and seal)

**Translator's Statement:**

---

I, the undersigned Maria Teresa Costa Telo Pacheco, an independent translator on the list of translators of the British Embassy in Portugal, formerly Translation/Education Officer at the British Council in Lisbon, Portugal, and resident at Travessa da Palmeira 26–1, Lisbon, Portugal, hereby declare that I am fluent in the Portuguese and English languages, and that the English text on the previous page is, to the best of my ability, knowledge and belief, a true, complete and correct translation of the original document written in Portuguese, a copy of which is on the next page.

Lisbon, 21 February 2013



Teresa Pacheco  
T+351214086685 / M+351914066494  
teresapacheco@gmail.com

**Translator's Notes:**

---

- A Portuguese *Mestrado* qualification or *Mestre* (Master) degree is a graduate degree awarded by Higher Education Institutions corresponding to the second cycle of studies of the European Higher Education Area.
- 
- The Portuguese higher education system awards marks on a scale of 0 to 20 (pass mark: 10).





UNIVERSIDADE DE LISBOA FACULDADE DE CIÊNCIAS

ALDINA MARIA VIEIRA, Chefe de Divisão dos Serviços Académicos, CERTIFICA, em face dos registos existentes nesta Faculdade, que: -----

Verificação

GS.

APPROVED

**Filipe dos Santos Fernandes** -----

portador do B.I. n.º 12055567, do Arquivo de Identificação de Lisboa, concluiu o **Curso de Mestrado em Biofísica**, na área de especialização em **Biofísica e Física Médica**, no dia 30 de Junho de 2009, com a classificação final de **Muito Bom**, passando a ter direito ao **Grau de Mestre em Biofísica**, tendo obtido aprovação às disciplinas abaixo discriminadas. -----

O presente  
vai firmado  
com o selo  
branco em  
uso nesta  
Faculdade

Disciplina	Nota	Data Aprov.
Biofísica Molecular e Membranas	18	02-02-2007
Aquisição e Processamento de Dados	16	16-03-2007
Biofísica de Processos Fisiológicos	19	30-03-2007
Seminário de Biofísica	18	20-04-2007
Laboratório de Biofísica	18	27-04-2007
Física Médica	19	29-05-2007
Métodos Estatísticos em Experimentação Biológica	18	13-07-2007
Seminário de Física Médica	18	27-07-2007
Estágio de Biofísica	18	31-07-2007
Seminário de Engenharia Biomédica	18	31-07-2007

Mais certifico que o requerente já solicitou a respectiva Certidão de Registo.

Lisboa, 3 de Julho de 2009

P<sup>1</sup> A Chefe de Divisão

*Aldina Rodrigues*



FACULDADE DE CIÊNCIAS E TECNOLOGIA  
(FACULTY OF SCIENCE AND TECHNOLOGY)

UNIVERSIDADE NOVA DE LISBOA  
(NEW UNIVERSITY OF LISBON)

**Departamento de Física**  
**(Physics Department)**

TO WHOM IT MAY CONCERN

I hereby declare for all due purposes that Filipe dos Santos Fernandes is a student on the doctoral programme in Biomedical Engineering at the Faculty of Science and Technology of the New University of Lisbon, under the supervision of the Physics Department.

I further declare that the said student has completed the taught component of the programme and is currently preparing his thesis entitled "Study, Validation and CE Marking of a New Vascular Diagnosis Device".

Biomedical Engineering  
Doctoral Programme Coordinator

(Signature and stamp)

Professor Maria Adelaide Pedro de Jesus

**Translator's Statement:**

---

I, the undersigned Maria Teresa Costa Telo Pacheco, an independent translator on the list of translators of the British Embassy in Portugal, formerly Translation/Education Officer at the British Council in Lisbon, Portugal, and resident at Travessa da Palmeira 26–1, Lisbon, Portugal, hereby declare that I am fluent in the Portuguese and English languages, and that the English text on the previous page is, to the best of my ability, knowledge and belief, a true, complete and correct translation of the original document written in Portuguese, a copy of which is on the next page.

Lisbon, 21 February 2013



Teresa Pacheco  
T+351214086685 / M+351914066494  
teresapacheco@gmail.com

**Translator's Notes:**

---

- A Portuguese *Doutoramento* qualification or *Doutor* (Doctorate) degree is an advanced graduate degree awarded by Higher Education Institutions corresponding to the third cycle of studies of the European Higher Education Area.
- 
- The Portuguese higher education system awards marks on a scale of 0 to 20 (pass mark: 10).

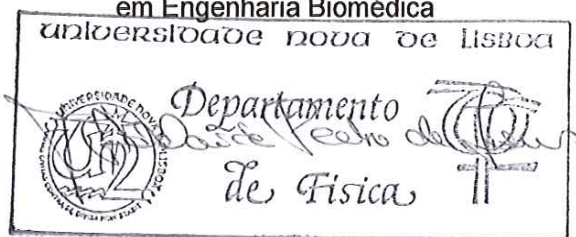


## DECLARAÇÃO

Para os devidos efeitos declaro que Filipe dos Santos Fernandes é aluno de doutoramento em Engenharia Biomédica da Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa, sob a responsabilidade do Departamento de Física da FCT/UNL.

Informo também que o referido aluno completou o ano curricular e se encontra na fase da preparação da tese que tem como título "Estudo, Validação e Marcação CE de Novo Dispositivo para Diagnóstico Vascular".

Coordenadora do Programa Doutoral  
em Engenharia Biomédica



Prof. Doutora Maria Adelaide Pedro de Jesus

[Portuguese Coat of Arms]

PORTUGUESE REPUBLIC

MINISTRY OF JUSTICE

DIRECTORATE-GENERAL OF JUSTICE ADMINISTRATION

CRIMINAL RECORD CERTIFICATE

BARREIRO – JUVENILE AND FAMILY COURT  
– CENTRAL SECTION  
PALÁCIO DA JUSTIÇA, AV. DE SANTA MARIA,  
2830-007 BARREIRO

**NAME:** FILIPE DOS SANTOS FERNANDES

**PLACE OF BIRTH - COUNTRY:** FRANCE

**DATE OF BIRTH:** 25 / 07 / 1978

**NATIONALITY:** PORTUGUESE

**ID CARD NO.:** 12055567

**CERTIFICATE REQUESTED BY:**

**TYPE OF ID OF REQUESTER:**

**REQUESTER ID NO.:**

**INTENDED PURPOSE:** PROFESSIONAL PRACTICE / ACTIVITY ABROAD – INVOLVES REGULAR  
CONTACT WITH MINORS (LAW 113/2009)

.....  
THERE ARE NO ENTRIES CONCERNING THE AFOREMENTIONED PERSON  
.....

**DATE OF ISSUE:** 06 / 02 / 2013

**CHECK:** BTFM/4.19017530/0206/152257

**PAG.** 1 / 1

THIS CERTIFICATE WAS GENERATED AUTOMATICALLY  
BY THE CRIMINAL RECORDS INFORMATION SYSTEM

THIS CERTIFICATE IS VALID FOR THREE MONTHS FROM THE DATE OF ISSUE AND MAY BE SOLELY USED FOR THE STATED PURPOSE

**Translator's Statement:**

---

I, the undersigned Maria Teresa Costa Telo Pacheco, an independent translator on the list of translators of the British Embassy in Portugal, formerly Translation/Education Officer at the British Council in Lisbon, Portugal, and resident at Travessa da Palmeira 26-1, Lisbon, Portugal, hereby declare that I am fluent in the Portuguese and English languages, and that the English text on the previous page is, to the best of my ability, knowledge and belief, a true, complete and correct translation of the original document written in Portuguese, a copy of which is on the next page.

Lisbon, 21 February 2013

A handwritten signature in black ink, appearing to read 'Teresa Pacheco', with a stylized flourish at the end.

Teresa Pacheco  
T+351214086685 / M+351914066494  
teresapacheco@gmail.com

MINISTÉRIO DA JUSTIÇA

DIREÇÃO-GERAL DA ADMINISTRAÇÃO DA JUSTIÇA

**CERTIFICADO DE REGISTO CRIMINAL**

BARREIRO - TRIBUNAL FAMÍLIA MENORES E  
COMARCA - SECÇÃO CENTRAL

PALÁCIO DA JUSTIÇA, AV. DE SANTA MARIA,  
2830-007 BARREIRO

NOME: FILIPE DOS SANTOS FERNANDES

NATURALIDADE-PAÍS: FRANÇA

DATA DE NASCIMENTO: 1978/07/25

NACIONALIDADE: PORTUGUESA

Nº BI: 12055567

CERTIFICADO REQUERIDO POR:

DOCUMENTO DE IDENTIFICAÇÃO DO REQUERENTE:

Nº DOC. IDENTIFICAÇÃO DO REQUERENTE:

FIM A QUE SE DESTINA: EXERCÍCIO DE PROFISSÃO/ATIVIDADE NO ESTRANGEIRO - ENVOLVE CONTACTO REGULAR  
COM MENORES (LEI Nº 113/2009)

\*\*\*\*\*  
\*  
\* NADA CONSTA ACERCA DA PESSOA ACIMA IDENTIFICADA \*  
\*  
\*\*\*\*\*

DATA DE EMISSÃO: 2013/02/06

CONTROLO: BTFM/4.19017530/0206/152257

PAG. 1/1

CERTIFICADO GERADO AUTOMATICAMENTE PELO  
SISTEMA DE INFORMAÇÃO DE IDENTIFICAÇÃO CRIMINAL

ESTE CERTIFICADO É VÁLIDO POR TRÊS MESES, A CONTAR DA DATA DE EMISSÃO E APENAS PARA O FIM ACIMA MENCIONADO