



UNIVERSITA'
CAMPUS
BIO-MEDICO
DI ROMA

SEGRETERIA
STUDENTI

ENGINEERING DEPARTMENT

Cert. N. 201013218/M299

Matr. N. INLS01/03588

This is to certify that **SPINA GABRIELE**, born in Palermo (Italy) on October 22nd 1986, was awarded the Laurea Specialistica in Biomedical Engineering ("*Laurea specialistica in Ingegneria Biomedica*") - Class of Second Degree Programmes in Biomedical Engineering 26/S – by the "Campus Bio-Medico" University of Rome on May 27th 2011. He obtained a final mark of 110 out of 110 cum laude.

The duration of the course is two years.

He achieved the following grades (all marks are out of 30, passing grade 18/30, CL = cum laude):

| Date | SSD* | Course | Credits | Grade | Type of activity** |
|------------|------------|---|---------|-------|--------------------|
| 06/02/2009 | MED/43 | Biomedical Ethics | 2 | 30 L | F |
| 11/02/2009 | ING-INF/03 | Signal Theory and Stochastic Phenomena | 8 | 29 | C |
| 22/06/2009 | L-LIN/12 | English | 4 | 29 | F |
| 27/06/2009 | SECS-P/10 | Organisation Theory | 4 | 26 | C |
| 01/07/2009 | ING-INF/05 | Processing Embedded Systems | 8 | 30 | C |
| 23/09/2009 | MAT/05 | Mathematical Methods for Modelling | 8 | 24 | A |
| 08/01/2010 | ING-INF/01 | Electronics for Sensors, Microsystems and Nanosystems | 8 | 26 | C |
| 15/01/2010 | ING-INF/05 | Networks and Telematic Applications for e-Health | 8 | 30 | C |
| 22/01/2010 | ING-IND/31 | Electromagnetic Compatibility | 8 | 30 | C |
| 25/02/2010 | ING-IND/34 | Biomicrosystems | 8 | 28 | B |
| 23/06/2010 | ING-IND/34 | Biomedical Robotics | 8 | 30 | B |
| 24/06/2010 | ING-IND/34 | Biomechatronics | 8 | 30 | B |
| 02/07/2010 | ING-IND/34 | Neural Engineering | 8 | 30 | D |
| 23/07/2010 | ING-IND/34 | Rehabilitation Bioengineering | 8 | 28 | B |
| 10/01/2011 | ING-INF/05 | Bio-inspired models of computation | 8 | 28 | C |
| 27/05/2011 | PROFIN_S | Final Examination | 14 | Pass | E |

Total credits : 120

*SSD Scientific sector:

ING-IND/31 Electrotechnics, ING-IND/34 Industrial Bioengineering, ING-INF/01 Electronics, ING-INF/03 Telecommunications, ING-INF/05 Data Processing Systems, L-LIN/12 English Language and Translation, MAT/05 Mathematical Analysis, MED/43 Legal Medicine, SECS-P/10 Business Organisation, Actuarial Studies and Finance

**A= Basic, B=Characteristic, C=Related or Additional, D=Elective, E=Final examination or language, F=Other

Further Information

Degree

Second cycle university degree, characterised by a strong theoretical part and specialistic studies in a given subject field

Workload 120 ECTS credits

Overall classification

110/ 110 cum laude, obtained on 27/05/2011





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Performance in the final examination is graded on a scale from 1 to 110, with 66 and 110 as minimum and maximum grade respectively. A 'cum laude' can be added to the maximum grade as a special distinction.

Access requirements

FIRST LEVEL DEGREE - Biotechnologies

FIRST LEVEL DEGREE - Industrial engineering

FIRST LEVEL DEGREE - Information technology

Admission to the degree course is subject to the passing of an entrance test. Each year the university sets a quota for the number of students who can be admitted to the degree course.

Access to further study

Provides access to II level Master Courses and PhD programmes.

Professional status

There is a State Exam to obtain the Engineering Licence section A (Engineer) - Industrial area.

Occupational opportunities for biomedical engineers may be found in the following areas:

- companies that design, develop and produce tools, systems, biomaterials and software to be employed in diagnostic, therapeutic and rehabilitation activities;
- hospitals and other sanitary organisations where they may cooperate with medical and other sanitary personnel;
- companies that oversee and monitor medical equipment and systems;
- research center operating in the biomedical field.

The student was enrolled as follows:

Faculty of Engineering/Degree course in Biomedical Engineering

| A. Y | Year of study |
|------|---------------|
|------|---------------|

| | |
|-----------|----------------------|
| 2008/2009 | 1 st year |
|-----------|----------------------|

| | |
|-----------|----------------------|
| 2009/2010 | 2 nd year |
|-----------|----------------------|

The present certificate is issued on tax-exempt paper, as indicated in D.P.R. 16/10/1972 N. 642 All. B

Rome, 06/07/2011

Head of Student Services

Registrar

Mrs. Enrica Amadio