

# ENGINEERING SCIENCES, GEOSCIENCES, ARCHITECTURE (SPIGA)

ED 498

SUPPORT INSTITUTION: École Centrale de Nantes

CO-AUTHORIZED INSTITUTION(S): Université de Nantes, École nationale supérieure des Mines de Nantes, École nationale d'ingénieurs des techniques et industries agricoles alimentaires de Nantes, Université du Maine

Associated Institution(s): École nationale supérieure d'architecture de Nantes

## SCIENTIFIC INTEREST

- Acoustics
- Architectural and Urban environments,
- Fluid and transfer dynamics
- Energetics, Thermal studies
- Civil engineering,
- Mechanical engineering
- Process engineering
- Materials,
- Earth sciences

## RESEARCH UNITS

<http://www.campusfrance.org/ecoledoc>  
>search by region>institutions  
>doctoral departments>research units

## ADMISSION REQUIREMENTS

- **Degree or level required**  
Master degree
- **Languages proficiency**  
French: none  
English: none
- **Admission procedure**  
Selection of applicants to Ministry research fellowships in April/Mai
- **Admission information**  
Francoise.Palvadeau@ec-nantes.fr  
Tel: 33 (0) 2 40 37 25 30

## WEBSITE

<http://www.ec-nantes.fr/ed-spiga>

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| Number of students in the doctoral program | 245  |
| Number or % of foreign students            | 52 %   |
| English courses                            | Thesis report written in English can be authorised: most of the supervisors master the English language  |
| Network of French institutions             | Research and Higher Education Pole (PRES) Universities of Nantes Angers Le Mans  |
| International thesis co-directed           | <b>16</b> = Algeria 2; Argentina 1; Brazil 1; China 3; Colombia 1; Finland ; Morocco 1; Mexico 1; Poland 1; Portugal 1; Canada (Quebec) 1; Czech Republic 1; Tunisia 1   |
| Financial support                          | <p><b>RESEARCH GRANTS (3 YEARS)</b></p> <ul style="list-style-type: none"> <li>• 14 corresponding to 17% of the students, of whom, 50% foreign students</li> </ul> <p><b>Sources of funding</b></p> <ul style="list-style-type: none"> <li>• Enterprises (CIFRE conventions) • Regional fellowships • Fellowships from École Normale Supérieure</li> <li>• Public and private research contracts.</li> </ul> |
| Welcome services                           | <p>Foreign researchers association of Nantes<br/>13 av. de l'Hôtel Dieu 44000 Nantes<br/>maisondeschercheursetrangers@univ-nantes.fr<br/>Tel: 33 (0)2 53 46 21 73</p> <p><b>Services</b></p> <p>Help with administration paperwork, cultural activities, French courses, practical information, housing, conferences.</p>  |