

REPUBLIQUE DU CAMEROUN
Paix – Travail – Patrie

INSTITUT UNIVERSITAIRE BENGONO
TOURE GENEVIEVE
Scientiarum - Excellentiam - Nobel



REPUBLIC OF CAMEROON
Peace-Work-Fatherland

THE BENGONO TOURE GENEVIEVE
UNIVERSITY INSTITUTE
SCIENTIARUM – EXCELLENTIAM – NOBEL

INSTITUT SUPERIEUR DES SCIENCES DE L'INGENIEUR, DES INDUSTRIES ET DE L'INNOVATION
THE HIGHER INSTITUTE OF ENGINEERING SCIENCES, INDUSTRIES AND INNOVATION

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DOCTOR OF PHILOSOPHY IN TELECOMMUNICATION ENGINEERING

| CODES | COURSE NAMES | CREDIT |
|---------|---|--------|
| | YEAR I | 3 |
| DPTE100 | Adaptive and Array Signal Processing | 3 |
| DPTE101 | Broadband Communication Networks | 3 |
| DPTE102 | Engineering Management | 3 |
| DPTE103 | System-on-Chip Technologies | 3 |
| DPTE104 | Differential Navigation | 2 |
| DPTE105 | Coding Theory | 3 |
| DPTE106 | Wireless Communications Systems | 3 |
| DPTE107 | Optical Communication Systems | 3 |
| DPTE108 | Pattern Recognition | 3 |
| DPTE109 | Circuit Theory and Communication | 3 |
| DPTE110 | Descriptive Statistics & Probability | 3 |
| DPTE111 | Computer Fundamentals & Applications | 3 |
| DPTE112 | Linear Algebra and Geometry | 3 |
| DPTE113 | Physics of Materials | 3 |
| DPTE115 | Industrial Electronics | 3 |
| DPTE116 | Thesis seminar I (Doctoral Proposal Development) | 3 |
| DPTE117 | Year One: Phd Research Thesis (Literature Review + Methodology) | 10 |
| | | 60 |
| | YEAR II | |
| DPTE200 | Electronics & Communication Technology | 3 |
| DPTE201 | Probability and Statistics | 3 |
| DPTE202 | Mechanics Fluids | 3 |
| DPTE203 | Electromagnetism | 3 |
| DPTE204 | Numerical and Computational Methods | 3 |
| DPTE205 | Mathematics Methods | 3 |
| DPTE206 | Solid State Physics | 3 |
| | | 3 |
| DPTE207 | Structured Programming | |
| DPTE208 | Nuclear and Particle Physics | 3 |

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| DPTE209 | Microprocessors and Microcontrollers | 4 |
| DPTE210 | Data Communication & Networking | 4 |
| DPTE215 | Thesis seminar I (Results and Findings) | 5 |
| DPTE216 | Thesis seminar II(Publication of 2 articles) | 10 |
| DPTE217 | Year Two : Phd Research Thesis (Results and Findings) | 10 |
| | | 60 |
| | YEAR III | |
| DPTE 300 | Programing with Objects | 2 |
| DPTE 301 | Quantum Physics | 2 |
| DPTE 302 | Materials- Metal and Semiconductors | 4 |
| DPTE 310 | International Conference + Publication articles(2) | 6 |
| DPTE 311 | Third-Year Research Seminar (Discussion and Conclusion) | 6 |
| DPTE 312 | Year Three: Thesis (Dissertation Defense) | 40 |
| | | 60 |