

In the third year of the engineering program at ESSAI, students take courses across different groups, each with specific coefficients. The **Mathematics and Statistics group** (11 coefficients) includes Statistique Bayésienne (1.5), Machine Learning (2.5), Économétrie Avancée (2), Microéconométrie (1), Intelligence Artificielle (1), Big Data (1), and Méthodologies d'enquêtes et statistiques (2). The **Economics and Social Sciences group** (4.5 coefficients) comprises Comptabilité Nationale (1), Entrepreneuriat 2 (1), Économie Internationale (1.5), and Économie Monétaire (1). The **Computer Science and Information Systems group** (3 coefficients) offers Java 2 (1.5) and Business Intelligence (1.5). The **Communication and Languages group** (2.5 coefficients) includes Techniques de Communication (0.5), Anglais (1), and Contrôle des stages ingénieurs (1). The **Optional Modules group** (3 coefficients) offers courses like Actuariat 1 (1), Les produits dérivés (1), Statistique pour la qualité (1), Actuariat 2 (1), Biostatistique (1), and Développement Mobile (1). Finally, the **Final Project (PFE)**, which lasts four months (from January 30 to May 30) with 640 hours of work, has a coefficient equal to one-third of the total course coefficients, which is 8.