

Transilvania University of Braşov, Romania

Study program: Economic Informatics

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| Faculty: | Faculty of Economic Sciences and Business Administration |
| Study period: | 3 years |
| Academic year structure: | 2 semesters |
| Examination sessions (two): | winter session (January/February) summer session (June/July) |

Courses per years (C= course; S = seminar; L = laboratory; P = project)

1st Year

| No. crt. | Mandatory courses | Code | 1 st Semester | | | | | 2 nd Semester | | | | |
|----------|-----------------------------------|--------|--------------------------|---|---|---|------|--------------------------|---|---|---|------|
| | | | C | S | L | P | Cred | C | S | L | P | Cred |
| 01 | Microeconomics | MIC1 | 2 | 2 | | | 5 | | | | | |
| 02 | Mathematical Analysis | AMA1 | 2 | 2 | | | 5 | | | | | |
| 03 | Algebra and Probabilities | STP1 | 2 | 1 | | | 5 | | | | | |
| 04 | Introduction to Computer Science | INF1 | 2 | | 2 | | 5 | | | | | |
| 05 | Business Law | DAF1 | 2 | 1 | | | 3 | | | | | |
| 06 | Computer Programming | PRC3 | 2 | | 2 | | 4 | | | | | |
| 07 | Basic of Accounting | BCO2 | | | | | | 2 | 1 | | | 4 |
| 08 | Macroeconomics | MAC2 | | | | | | 2 | 1 | | | 4 |
| 09 | Economic Statistics | STE2 | | | | | | 2 | 1 | | | 4 |
| 10 | Management | MAN2 | | | | | | 2 | 1 | | | 4 |
| 11 | Database | BDL2 | | | | | | 2 | | 2 | | 5 |
| 12 | Information Technology - Internet | TIN2 | | | | | | 2 | | 2 | | 5 |
| 13 | Academic Writing | SCA2 | | | | | | 1 | | | | 1 |
| 14 | Foreign language 1/2 | LST1/2 | 1 | 1 | | | 3 | | 2 | | | 3 |
| 15 | Physical Education 1 | EFS1/2 | | 1 | | | 1 | | 1 | | | 1 |

2nd Year

| No. crt. | Mandatory Courses | Code | 3 rd Semester | | | | | 4 th Semester | | | | |
|----------|---|-----------|--------------------------|---|---|---|------|--------------------------|---|---|---|------|
| | | | C | S | L | P | Cred | C | S | L | P | Cred |
| 01 | Operation Systems | SIO3 | 2 | | 1 | | 5 | | | | | |
| 02 | Algorithms and Data Structures | ASD3 | 2 | | 1 | | 5 | | | | | |
| 03 | Marketing | MKN3 | 2 | 1 | | | 5 | | | | | |
| 04 | Data Analysis and Exploitation | AED3 | 2 | 1 | | | 5 | | | | | |
| 05 | Finance | FIN3 | 2 | 1 | | | 5 | | | | | |
| 06 | Econometrics | ECM4 | | | | | | 2 | 1 | | | 4 |
| 07 | Software Packages | PPC4 | | | | | | 2 | | 2 | | 4 |
| 08 | Object-Oriented Programming | POB4 | | | | | | 2 | | 2 | | 5 |
| 09 | Computer Networks | RCL4 | | | | | | 2 | | 1 | | 4 |
| 10 | Business communication in English/French | LST4 | | | | | | 1 | 1 | | | 2 |
| 11 | Sociology/Business Ethics | SOC3/ETA3 | 2 | 1 | | | 3 | | | | | |
| 12 | Consumer Behavior/ Economic and Financial | COC4/AEF4 | | | | | | 2 | 1 | | | 3 |

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|----|---------------------------------|------|--|---|--|--|---|--|--|--|--|---|
| | Analysis | | | | | | | | | | | |
| 13 | Foreign language 3 | LST3 | | 1 | | | 2 | | | | | |
| 14 | Physical Education 3 | EFS3 | | 1 | | | 1 | | | | | |
| 15 | Internship (3 weeks x 30h/week) | PR4 | | | | | | | | | | 4 |

3rd Year

| No. crt. | Mandatory Courses | Code | 5 th Semester | | | | | 6 th Semester | | | | |
|----------|---|---------------|--------------------------|---|---|---|------|--------------------------|---|---|---|------|
| | | | C | S | L | P | Cred | C | S | L | P | Cred |
| 01 | Web Design | WEB5 | 2 | | 2 | | 4 | | | | | |
| 02 | Information Systems Analysis and Design | PSI5 | 2 | | 2 | | 5 | | | | | |
| 03 | Operational Research and Economic Modelling | MOD5 | 2 | | 2 | | 5 | | | | | |
| 04 | Electronic Trade and Cybermarketing | CCY5 | 2 | | 1 | | 5 | | | | | |
| 05 | Programming in DBMS ORACLE | PSO5 | 2 | | 2 | | 5 | | | | | |
| 06 | Economic Processes Simulation | SIP6 | | | | | | 2 | | 1 | | 5 |
| 07 | Macroeconomic Statistics | STM6 | | | | | | 2 | 1 | | | 5 |
| 08 | Business Administration | MNA6 | | | | | | 2 | 2 | | | 5 |
| 09 | Company Evaluation and Diagnostic Analysis | ADE6 | | | | | | 2 | | 1 | | 5 |
| 10 | Web Technologies and Applications | TWB6 | | | | | | 2 | | 2 | | 5 |
| 11 | Preparation of Bachelor Thesis | ELI6 | | | | | | | | | 5 | 5 |
| 12 | Financial and Actuarial Mathematics / Insurance Mathematical Models | MFA5/ MMA5 | 1 | 1 | | | 3 | | | | | |
| 13 | Business Communication and Negotiation/ Environment Management | CNI5/ MNM5 | 1 | 1 | | | 3 | | | | | |