# Transilvania University of Braşov, Romania

# Study program: Internet technologies (in English)

Faculty:                          Mathematics and Computer Science
Study period:                2 years (master)
Academic year structure:      2 semesters (14/12 weeks per semester)
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. | Course | Code | 1st Semester | | | | | 2nd Semester | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | C | S | L | P | Cred | C | S | L | P | Cred |
| 1. | Basic internet tehnologies | TIN11 | 2 | | 2 | | 8 | | | | | |
| 2. | Web applications development | TIN12 | 2 | | 2 | | 8 | | | | | |
| 3. | Multimedia interaction technologies | TIN13 | 2 | | 2 | | 7 | | | | | |
| 4. | Management of projects in Web technologies | TIN14 | 2 | | 1 | | 7 | | | | | |
| 5. | Java Advanced programming | TIN21 | | | | | | 2 | | 2 | | 6 |
| 6. | Science, mamagement and engineering of services | TIN 22 | | | | | | 2 | | 1 | | 6 |
| 7. | Data warehouse and Data mining | TIN 23 | | | | | | 2 | | 1 | | 6 |
| 8. | Business projects management | TIN 24 | | | | | | 2 | | 1 | | 6 |
| 9. | Cryptography and systems security | TIN 25 | | | | | | 2 | 1 | | | 6 |

## 2nd Year

| No. crt. | Course | Code | 3rd Semester | | | | | 4th Semester | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | C | S | L | P | Cred | C | S | L | P | Cred |
| 1. | Wireless network management | TIN 31 | 2 | | 2 | | 8 | | | | | |
| 2. | Cloud computing and distributed computing | TIN 32 | 2 | | 1 | | 8 | | | | | |
| 3. | WEB applications development II | TIN 33 | 2 | | 2 | | 7 | | | | | |
| 4. | Remote control using Internet | TIN 34 | 1 | | 2 | | 7 | | | | | |
| 5. | Capstone | TIN 41 | | | | | | 2 | | 1 | | 7 |
| 6. | Research Activity | TIN 42 | | | | | | | | | 4 | 13 |
| 7. | Final Project | TIN 43 | | | | | | | | | 4 | 8 |
| 8. | Ethics and academic integrty | TIN 44 | | | | | | 1 | | | | 2 |