

| <b>Modul Name / Module name</b>              | <b>Web Databases</b>  | <b>Code: FIT-</b> |
|--|---|-------------------|
| Studiengang / Study programme                | Forest Information Technology (M.Sc.)   | Semester: 4.      |
| Modul Koordinator / Module Coordinator       | Prof. Dr. Alfred Schultz (Email: <a href="mailto:aschultz@fh-egerswalde.de">aschultz@fh-egerswalde.de</a> )<br>Dr. Eckhard Groll (Email: <a href="mailto:groll@zalf.de">groll@zalf.de</a> )   |                   |
| Ziel / Goal                                  | imparting knowledge on the development and use of Internet based databases  |                   |
| Inhalt / Content                             | client-server-databases; LAMP and WAMP environment; SQL functions; PHP programming language (basics, variables, control structures); database design with MySQL; connecting with PHP to MySQL; create and manipulate MySQL tables through PHP; perform SQL queries to obtain data from MySQL tables; application projects |                   |
| Schlüsselqualifikationen / Soft skills       | analytical and logical thinking, problem solving competency   |                   |
| Weiterführende Module / Continuative modules | -   |                   |

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| Status:  | elective  | Prüfungsform / Examination form: | project presentation                              |
| Teilnahmevoraussetzungen / Entry requirements: | Data Analysis & Management I, Internet Programming            | Max. Plätze / Max. study places: | /   |
| ECTS-Credits:                                  | 3   | Dauer / Duration:                | block course                                      |
| Arbeitsaufwand / Workload:                     | Total: 75 h / semester (2 SWH instruction + 3 SWH self-study) | Lehrsprache / Teaching language: | Englisch  |
|  |   | Lehrform / Teaching form:        | lecture (50%), computer laboratory practice (50%) |