

## Course Descriptions Exchange 2021-2022

Course Title Introduction to Web Programming with PHP  
 Course Code EBS2040  
 ECTS Credits 4,0  
 Assessment Whole/Half Grades

| Period | Period | Start     | End       | Mon | Tue | Wed | Thu | Fri |
|--------|--------|-----------|-----------|-----|-----|-----|-----|-----|
| 3      |        | 10-1-2022 | 21-1-2022 | C   |     |     |     |     |

Level Introductory  
 Coordinator Raoul Haenbeukers For more information:r.haenbeukers@maastrichtuniversity.nl  
 Language of instruction English

Goals Learn and understand the basic working of dynamic websites  
 Learn to program in PHP  
 Learn the basic working of databases  
 Apply all acquired knowledge to your personal dynamic website by means of a real life example (for instance a Cultural events calendar, an Online Bookstore or a Content Management System)

Description This course enables students to build dynamic database driven (e-commerce) web sites using the PHP programming language. The course is explicitly meant for students with limited or no programming experience and discusses basic programming building blocks needed to create interactive, dynamic websites. We do not address in depth discussions of for instance object oriented programming. PHP is an open source based programming language widely used on the Internet for both commercial and non-commercial websites such as Facebook. This course gives an introduction in programming with PHP in combination with some simple database techniques in order to be able to understand the working of dynamic websites. In the first week we will discuss step by step the features and main building blocks of PHP whereas in the second week a real life project will be implemented such as an online book store or an online cultural event calendar.

Literature Syllabus / Book / Online material

Prerequisites Basic computer skills are required, knowledge of HTML is a pre. Since the course is taught as distance education, an internet connection is an absolute requirement, as well as a working VPN connection to the university network in case you decide to work from outside the university network (e.g. at home). All information and content will be made available via the course web portal: <http://php.infonomics.nl> (accessible from within university network or VPN).  
 Based on experiences from previous years, students with limited knowledge of HTML need 35 - 40 hours per week to complete the course successfully.  
 We do not provide a resit for this skills training.

Teaching methods Assignment / Groupwork

Assessment methods Final Paper / Participation

Evaluation in previous academic year For the complete evaluation of this course please click <http://iwio-sbe.maastrichtuniversity.nl/rapporten.asp?referrer=codeUM>

This course belongs to the following programme / specialisation

|   |                          |
|---|--------------------------|
| Bachelor Economics and Business Economics - Economics                               | Year 2 Elective Skill(s) |
| Bachelor Economics and Business Economics - Economics and Management of Information | Year 2 Elective Skill(s) |
| Bachelor Economics and Business Economics - International Business Economics        | Year 2 Elective Skill(s) |
| Bachelor International Business   | Year 2 Elective Skill(s) |
| SBE Exchange Bachelor   | Bachelor Exchange Skills |
| SBE Exchange Master   | Bachelor Exchange Skills |
| SBE Non Degree Courses  | Bachelor Skills          |