

<b>Course title:</b>	<b>Forecasting in logistics activities</b>
<b>Lecturer (s):</b>	<b>Prof. Yury Pauliuchuk / Ola Bareja-Wawryszak M.Sc.</b>
<b>ECTS Credits:</b>	3
<b>Language:</b>	Polish/English
<b>Semester:</b>	Summer
<b>Duration:</b>	1 semester: 15h - lecture; 15h - classes
<b>Content:</b>	<ol style="list-style-type: none"> <li>1. Basic concepts and definitions (forecasting, forecast, model).</li> <li>2. Types, stages and principles of forecasting.</li> <li>3. Overview of forecasting methods. Quality evaluation of the model. Forecast error.</li> <li>4. Forecasting methods based on time series.</li> <li>5. Forecasting methods based on an econometric model.</li> <li>6. Methods of forecasting by analogies.</li> <li>7. Heuristic forecasting methods</li> </ol>
<b>Textbooks:</b>	<ol style="list-style-type: none"> <li>1. P. Dittmann, <i>Forecasting</i>, Research Papers of Wrocław University of Economics, Econometrics, 1507-3866 ; 28, Publishing House of Wrocław University of Economics, 2010</li> <li>2. Dijk D., Franses P.H, , Opschoor A., <i>Time Series Models for Business and Economic Forecasting</i>, Cambridge University Press</li> <li>3. Armstrong J.S., <i>Principles of forecasting, A Handbook for Researchers and Practitioners</i>, Springer, 2001</li> </ol>