

## Subject card

|                                             |                                                                                                                                                                                   |                                                          |                                         |                                     |                                                                                                                                                |            |     |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----|
| Subject name and code                       | Pension Planning, PG_00178854                                                                                                                                                     |                                                          |                                         |                                     |                                                                                                                                                |            |     |
| Field of study                              | Finance and Accounting                                                                                                                                                            |                                                          |                                         |                                     |                                                                                                                                                |            |     |
| Date of commencement of studies             | October 2025                                                                                                                                                                      |                                                          | Academic year of realisation of subject |                                     | 2026/2027                                                                                                                                      |            |     |
| Education level                             | Master's studies                                                                                                                                                                  |                                                          | Subject group                           |                                     | Obligatory subject group in the field of study<br>Optional subject group<br>Subject group related to scientific research in the field of study |            |     |
| Mode of study                               | part-time studies                                                                                                                                                                 |                                                          | Mode of delivery                        |                                     | at the university                                                                                                                              |            |     |
| Year of study                               | 2                                                                                                                                                                                 |                                                          | Language of instruction                 |                                     | Polish                                                                                                                                         |            |     |
| Semester of study                           | 4                                                                                                                                                                                 |                                                          | ECTS credits                            |                                     | 5.0                                                                                                                                            |            |     |
| Learning profile                            | academic                                                                                                                                                                          |                                                          | Assessment form                         |                                     | credit                                                                                                                                         |            |     |
| Conducting unit                             | Department of Banking and Finance -> Faculty of Management -> Rector                                                                                                              |                                                          |                                         |                                     |                                                                                                                                                |            |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor                                                                                                                                                                |                                                          | dr Kamila Bielawska                     |                                     |                                                                                                                                                |            |     |
|                                             | Teachers                                                                                                                                                                          |                                                          |                                         |                                     |                                                                                                                                                |            |     |
| Lesson types                                | Lesson type                                                                                                                                                                       | Lecture                                                  | Tutorial                                | Laboratory                          | Project                                                                                                                                        | Seminar    | SUM |
|                                             | Number of study hours                                                                                                                                                             | 16.0                                                     | 16.0                                    | 0.0                                 | 0.0                                                                                                                                            | 0.0        | 32  |
|                                             | E-learning hours included: 0.0                                                                                                                                                    |                                                          |                                         |                                     |                                                                                                                                                |            |     |
| Learning activity and number of study hours | Learning activity                                                                                                                                                                 | Participation in didactic classes included in study plan |                                         | Participation in consultation hours |                                                                                                                                                | Self-study | SUM |
|                                             | Number of study hours                                                                                                                                                             | 32                                                       |                                         | 2.0                                 |                                                                                                                                                | 91.0       | 125 |
| Subject objectives                          | The purpose of the course is to prepare the student to actively manage retirement risk (his/her own and their client's) with a flexible approach to changing needs in retirement. |                                                          |                                         |                                     |                                                                                                                                                |            |     |

| Learning outcomes               | Course outcome                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject outcome                                                                                                                                                                                                                           | Method of verification                                                                                              |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|                                 | [FiRMU2_K01] The student is prepared to acquire and enhance their knowledge necessary to address both cognitive and practical problems, particularly in the fields of management, quality sciences, economics, and finance. They are also equipped to critically evaluate the information received and seek guidance from experts in finance and accounting when facing challenges in problem-solving independently.                                                                                                                                                                                                                                                                                                                                                                                 | The student anticipates the need to revise the assumptions and solutions used in the individual retirement plan in relation to changes in personal (family), professional situation, as well as changes in the socio-economic environment | [SK2] presentation/project/paper/report                                                                             |
|                                 | [FiRMU2_W06] The student possesses a comprehensive understanding of the objectives, essence, nature, and interrelationships of financial processes. They are knowledgeable about how these processes are recorded and the principles of rational decision-making, particularly in terms of strategic decisions and the implementation of changes in this area.                                                                                                                                                                                                                                                                                                                                                                                                                                       | The student identifies sources of retirement risk and recognizes the need to mitigate it through the skillful use of various methods and instruments, including financial products and insurance.                                         | [SW4] test/exam - oral or written<br>[SW2] presentation/project/paper/report<br>[SW3] text preparation/written work |
|                                 | [FiRMU2_U06] Students are equipped to apply their comprehensive knowledge of management, quality sciences, economics, and finance to address dilemmas and develop effective solutions— including innovative approaches— to complex or unusual problems encountered in the fields of finance and accounting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | The student designs a pension plan to cover the individual retirement risk estimated for him/herself or for his/her client, taking into account the available instruments adequate to the area of risk coverage                           | [SU2] presentation/project/paper/report<br>[SU3] text preparation/written work                                      |
| Subject contents                | 1. Lifestyles and expectations of retirement<br>2. Retirement risk as a construct, its sources and types. The role of a comprehensive approach to meeting needs in retirement<br>3. Estimating sources of income and expenses during working life<br>4. Estimating the need for financial resources and access to services in old age<br>5. Sources of demand coverage: benefits from the public system, benefits (funds) from company and individual pension plans, private life insurance (including annuities)<br>6. Planning for access to medical and long-term care services<br>7. Possibilities of using owned property to cover pension risks<br>8. Tax aspects of accumulation and decumulation of savings<br>9. Succession planning<br>10. Non-financial aspects of retirement preparation |                                                                                                                                                                                                                                           |                                                                                                                     |
| Prerequisites and co-requisites | Students should be familiar with the basic types of financial and insurance instruments, investment strategies and methods of evaluating their effectiveness                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                           |                                                                                                                     |
| Assessment methods and criteria | Subject passing criteria                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Passing threshold                                                                                                                                                                                                                         | Percentage of the final grade                                                                                       |
|                                 | exam (lecture)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 51.0%                                                                                                                                                                                                                                     | 50.0%                                                                                                               |
|                                 | written assessment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 51.0%                                                                                                                                                                                                                                     | 20.0%                                                                                                               |
|                                 | project                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 51.0%                                                                                                                                                                                                                                     | 30.0%                                                                                                               |

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|----------------------------------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended reading                                            | Basic literature         | <ol style="list-style-type: none"> <li>1. Adams G.A., Beehr T.A. (eds.), Retirement: Reasons, Processes, and Results, Springer Publishing Company 2003.</li> <li>2. Bielawska, K., &amp; Kozłowski, A. (2024). A proposal for retirement risk measurement based on subjective assessment of income: an empirical study. <i>Social Indicators Research</i>, 172, 128. <a href="https://doi.org/10.1007/s11205-023-03295-3">https://doi.org/10.1007/s11205-023-03295-3</a></li> <li>3. Lambregts T.R., Schut F.T., Displaced, disliked and misunderstood: A systematic review of the reasons for low uptake of long-term care insurance and life annuities, <i>The Journal of the Economics of Ageing</i>, Volume 17, 2020, <a href="https://doi.org/10.1016/j.jeoa.2020.100236">https://doi.org/10.1016/j.jeoa.2020.100236</a></li> <li>4. Lusardi, Annamaria and Mitchell, Olivia S., Financial Literacy and Retirement Planning in the United States, <a href="https://www.nber.org/system/files/working_papers/w17108/w17108.pdf">https://www.nber.org/system/files/working_papers/w17108/w17108.pdf</a></li> <li>5. Łyskawa, K., &amp; Bielawska, K. (2024). Proposal for a comprehensive retirement insurance solution (CRIS) to mitigate retirement risk based on theory of change. <i>Economics and Business Review</i>, 10, Article 2. <a href="https://doi.org/10.18559/ebr.2024.2.1008">https://doi.org/10.18559/ebr.2024.2.1008</a></li> <li>6. Petkoska J., Earl J. K., Understanding the Influence of Demographic and Psychological Variables on Retirement Planning, <i>Psychology and Aging</i> 2009, Vol. 24, No. 1, 245251.</li> <li>7. Pfau W. (2021). Retirement Planning Guidebook, Retirement Researcher Media, Vienna, Virginia.</li> <li>8. Soldek A. (2023). Efektywność strategii inwestycyjnych w zarządzaniu oszczędnościami emerytalnymi, PWE.</li> </ol> |
|                                                                | Supplementary literature | <ol style="list-style-type: none"> <li>1. Atchley R.C., Barusch A.S. (2004). Social Forces and Ageing, An Introduction to Social Gerontology, Thomson Wadsworth</li> <li>2. Barembruch A. (2018). Zarządzanie finansami osobistymi. Teoria i praktyka, Wydawnictwo Uniwersytetu Gdańskiego</li> <li>3. Brown, Jeffrey R., Rational And Behavioral Perspectives On The Role Of Annuities In Retirement Planning, Working Paper 13537, <a href="http://www.nber.org/papers/w13537">http://www.nber.org/papers/w13537</a></li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                | eResources addresses     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Example issues/<br>example questions/<br>tasks being completed |                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Work placement                                                 | Not applicable           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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