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| **COURSE DESCRIPTION FORM** | |
| **Course Code and Name** | **SYB 307** **SCIENTIFIC RESEARCH METHODS IN SPORT MANAGEMENT** |
| **Course Semester** | 5th Semester |
| **Catalog Content** | Basic concepts of science and research, methods and models of major research types, ways of obtaining information, selection and implementation of appropriate statistics, research proposal and report preparation techniques. |
| **Textbook** | 1. Karasar, N. (2016). *Bilimsel Araştırma Yöntemi*. Ankara: Nobel Yayın Dağıtım. |
| **Supplementary Textbooks** | 1. Alpar,R. (2001). *Spor Bilimlerinde Uygulamalı İstatistik*. Ankara: Nobel Yayın Dağıtım. 2. Balcı, A. (2001). *Sosyal Bilimlerde Araştırma*. Ankara: Pegem Yayıncılık. 3. Bordens, K. S., and Abbott, B. B. (2002). *Research Design and Methods*. McGraw Hill Education. |
| **Credit** | 4 |
| **Prerequisites of the Course**  **(Attendance Requirements)** | Attendance Required |
| **Type of the Course** | Compulsory |
| **Instruction Language** | Turkish |
| **Course Objectives** | To have necessary theory and practical knowledge and skill to prepare a scientific research. |
| **Course Learning Outcomes** | 1. Learning the basic concepts of science and research 2. Understanding the problem selection and criteria 3. To be able to make literature review 4. Learning the basic concepts of scientific research methods 5. To be able to prepare research proposal |
| **Instruction Methods** | Formal learning |
| **Weekly Schedule** | 1. Basic concepts in science and research 2. Problem: selections and criteria 3. Variables: Description and kinds 4. Hypothesis: Description, Characteristics and kinds 5. Assumptions, Limitations and terms 6. Midterm Exam 7. Review of Literature 8. Method, Research models and kinds 9. Population and sampling 10. Data collection 11. Analysis and data interpretation 12. Results, Discussion and suggestions 13. Preparation of references 14. Preparation of research proposal 15. Eveluation |
| **Teaching and Learning Methods** | Weekly theoretical course hours  Homework  Preparing a presentation  Presentation  Mid-term exam and mid-term exam preparation  Final exam and final exam preparation |
| **Assessment Criteria** | |  |  |  | | --- | --- | --- | |  | **Number** | **Total Contribution (%)** | | Midterm Exams | 1 | 50 | | Assignment |  |  | | Presentation |  |  | | Application |  |  | | Projects |  |  | | Practice |  |  | | Quiz |  |  | | The Success Rate Of The Semester Studies (%) | 1 | 50 | | Percentage of Final Exam to Total Score (%) | 1 | 50 | |
| **Workload** | |  |  |  |  | | --- | --- | --- | --- | | **Activity** | **Total number of weeks** | **Duration (Weekly hour)** | **Total Period Work Load** | | **Etkinlik** | **Toplam Hafta Sayısı** | **Süre (Haftalık Saat)** | **Dönem Sonu Toplam İş Yükü** | | Weekly Theoretical Course Hours | 14 | 3 | 42 | | Weekly Tutorial Hours |  |  |  | | Reading Tasks |  |  |  | | Assignment | 3 | 3 | 9 | | Internet browsing, library study |  |  |  | | Material Design, application |  |  |  | | Preparing reports |  |  |  | | Preparing a presentation | 4 | 4 | 16 | | Presentation | 1 | 3 | 3 | | Midterm Exam and Preparation for Midterm Exam | 3 | 4 | 12 | | Final Exam and Preparation for Final Exam | 3 | 4 | 12 | | Other |  |  |  | | Total workload |  |  | 94 | | Total workload / 25 |  |  | 3,76 | | Course Credit (ECTS) |  |  | 4 | |
| **Contribution Level Between Course Learning Outcomes and Program Outcomes** | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | No | Program Outcomes | 1 | 2 | 3 | 4 | 5 | | 1 | CO 1 |  | X |  |  |  | | 2 | CO 2 | X |  |  |  |  | | 3 | CO 3 | X |  |  |  |  | | 4 | CO 4 | X |  |  |  |  | | 5 | CO 5 |  | X |  |  |  | | 6 | CO 6 | X |  |  |  |  | | 7 | CO 7 | X |  |  |  |  | | 8 | CO 8 |  |  |  |  | X | | 9 | CO 9 | X |  |  |  |  | | 10 | CO 10 | X |  |  |  |  | | 11 | CO 11 | X |  |  |  |  | | 12 | CO 12 | X |  |  |  |  | | 13 | CO 13 |  |  | X |  |  | | 14 | CO 14 | X |  |  |  |  | | 15 | CO 15 | X |  |  |  |  | | 16 | CO 16 | X |  |  |  |  | | 17 | CO17 |  |  | X |  |  | | 18 | CO18 | X |  |  |  |  | | 19 | CO19 | X |  |  |  |  | | 20 | CO20 |  |  |  |  | X | | 21 | CO 21 | X |  |  |  |  | | 22 | CO 22 | X |  |  |  |  | |
| **The Course’s Lecturer(s) and Contact Informations** | Department members |