**GAU, Faculty of Education**

**GAU, Eğitim Fakültesi**

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| **Course Unit Title/Ders Adı** | Research Methods in Education |
| **Course Unit Code/Ders Kodu** | ELTV202 |
| **Type of Course Unit/Ders statüsü** | Compulsory/ Sophomores |
| **Level of Course Unit/Ders seviyesi** | BA |
| **National Credits/Ulusal kredi** | 2 |
| **Number of ECTS Credits Allocated/AKTS değeri** | 3 ECTS |
| **Theoretical (hour/week)/Haftalık teorik ders saati** | 2 |
| **Practice (hour/week)/Uygulama durumu** | - |
| **Laboratory (hour/week)/Laboratuvar durumu** | - |
| **Year of Study/ Dersin yılı** | 2 |
| **Semester when the course unit is delivered/Ders dönemi** | Spring |
| **Course Coordinator/Ders koordinatörü** | - |
| **Name of Lecturer (s)/Ders sorumlu öğretim elemanı** | - |
| **Name of Assistant (s)/Asistan adı** | - |
| **Mode of Delivery/Dersin işlenişi** | Face to face, rethorical, document analysis |
| **Language of Instruction/Dersin dili** | English/Turkish |
| **Prerequisities and co-requisities/Dersin ön koşulu** | - |
| **Recommended Optional Programme Components/Önerilen opsiyonel program unsurları** | - |
| **Objectives of the Course/Dersin amacı** |
| * Knowing and expressing science and basic concepts (fact, knowledge, absolute, etc.), acquiring basic information about the history of science, understanding the structure of scientific research, scientific methods and different views on these methods, problem, research model, universe and sample, data collection and data collection methods (quantitative and qualitative data collection techniques), data recording, analysis, interpretation and reporting of general and specific information about the concepts.
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| **Learning Outcomes/Öğrenme çıktıları** |  |
| When this course has been completed the student should be able to | Assesment |
| 1 | Bilimsel araştırma yöntemi ile ilgili temel kavramları tanımlar | 1,2 |
| 2 | Bilimsel araştırmanın problemini, amacını ve önemini ifade eder. | 1,2 |
| 3 | Bilimsel araştırma önerisi hazırlama sürecini açıklar ve uygular. | 1,2 |
| 4 | İstatistik ile ilgili temel kavramları tanımlar. | 1,2 |
| 5 | İstatistiksel hipotez yazar, güvenirlik normallik testi gibi kavramları açıklar . | 1,2 |
| 6 | Doğrusal ilişkinin ölçülmesi için gerekli testleri bilir ve uygular. | 1,2 |
| 7 | Nicel, nitel ve karma yöntemleri bilir ve açıklar  | 1,2 |
| 8 | Bilimsel araştırma raporlaştırma sürecini açıklar ve uygular. | 1,2 |
| *Assesment Methods*: 1. Exam, 2. Assignment 3. Project/Report, 4. Presentation, 5 Lab.Work*Değerlendirme Metodu*: 1. Sınav, 2. Ödev, 3. Proje, 4. Sunum, 5. Lab work |
| **Course’s Contribution to Program/Dersin Programa Katkıları** |
|  | CL/KS |
| 1 | Have gained an in-depth knowledge of different linguistic components of the English language | 2 |
| 2 | Be familiar with different theories, methods, and techniques of teaching English as a foreign language; | 4 |
| 3 | Be able to teach EFL learners of varying ages effectively in all components of language: speaking, listening, reading, and writing; | 3 |
| 4 | Be able to assess English language learners in different language skills; | 2 |
| 5 | Be able to create, evaluate, and use English language teaching materials; | 2 |
| 6 | Be able to critically evaluate the existing language proficiency exams; | 2 |
| 7 | Be able to participate and be sufficiently understood in academic discourse; | 3 |
| 8 | Be able to apply academic learning strategies such as note-taking, reading, and oral communication strategies in real life situations; | 3 |
| 9 | Be able to make efficient and appropriate behavior management decisions in the classroom; | 2 |
| 10 | Be able to analyze literary texts to integrate them into their teaching; | 3 |
| 11 | To be able to effectively manage group dynamics, time, space and materials; | 2 |
| 12 | To have gained familiarity with basic principles of guidance and the relevant practical applications; | 2 |
| 13 | Be able to conduct and use research and document sources properly; | 3 |
| 14 | Be able to apply the knowledge and skills they have gained during their four year studies at GAU to their teaching career. | 3 |
| *CL (Contribution Level)*: 1.Very Low, 2.Low, 3.Moderate, 4.High, 5.Very High*Katkı seviyesi(KS)*: 1. Çok düşük, 2. Düşük, 3. Orta, 4. Yüksek, 5. Çok yüksek |
|  **Course Contents/Ders İçeriği** |
| Week/**Hafta** |  |  | Exam**s/ Sınavlar** |
| 1 |  | Scientific Research basic concepts and definitions |  |
| 2 |  | Types of Research by Purpose |  |
| 3 |  | Stages of the Research Process and Contents of the Research Report 1 |  |
| 4 |  | Stages of the Research Process and Contents of the Research Report 2 |  |
| 5 |  | Research stages and research problem |  |
| 6 |  | Quantitative research methods and techniques |  |
| 7 |  | Qualitative research methods, designs and techniques |  |
| 8 |  |  | **Mid-term**  |
| 9 |  | Research method selection and features |  |
| 10 |  | Hypothesis writing in the quantitative method, Type 1 and Type 2 errors |  |
| 11 |  | Variable types |  |
| 12 |  | Sampling models/ techniques |  |
| 13 |  | Data analysis and finding writing |  |
| 14 |  | In-text citation and bibliography according to APA 6 style |  |
| 15 |  |  | **Final** |
| **Recommended Sources/Önerilen kaynaklar** |
| **Textbook/Ders kitabı:**Karasar, N. (2007). *Bilimsel araştırma yöntemi.* Nobel Yayınevi, Ankara. Creswell, J. (2014). *Quantitative, qualitative and mixed methods approaches*. Sage Publsihing.  **Supplementary Material(s)/Ek Materyal(ler):**Karasar, N. (2007). *Araştırmalarda rapor hazırlama*. Nobel Yayınevi, Ankara. Büyüköztürk, Ş., Çakmak, E. K., Akgün, Ö. E., Karadeniz, Ş. ve Demirel, F. (2008). *Bilimsel araştırma yöntemleri.* Pegem Akademi Yayınevi, Ankara.  |
| **Assessment/Değerlendirme** |
| Attendance/Derse devam | 5% |  |
| Homeworks/Ödevler | 5% |  |
| Laboratory/Lab.  | 0% | Lab Grade= Lab Performance  Lab Attendance |
| Midterm Exam/Vize sınavı | 40% |  |
| Final Exam/Final sınavı | 50% |  |
| Total | 100% |  |
| **ECTS Allocated Based on the Student Workload/ Öğrenci ders yüküne göre AKTS değerleri** |
| ActivitiesEtkinlik  | Number/Sayısı | Duration (hour)/Süresi | Total Workload(hour)/Toplam yük |
| Course duration in class (including the Exam week)/Sınıf içi etkinlikler | 13 | 2 | 26 |
| Labs and Tutorials/ Lab ve ders | - | - | - |
| Assignments/Ödevler | 2 | 8 | 16 |
| E-Learning Activities/E-learning activities | 2 | 8 | 16 |
| Project/Presentation/Report Writing/Proje | - | - |  |
| Quizzes | - | - | - |
| Lab Exams | - | - | - |
| Midterm Examination/Vize | 1 | 1 | 1 |
| Final Examination/Final | 1 | 1 | 1 |
| Self-Study/Bireysel çalışma | 4 | 10 | 40 |
| Total Workload/İş yükü | 100 |
| Total Workload/30 (h) |  100/30 |
| ECTS Credit of the Course/AKTS değeri | 3,3 |