

## PHYSICS PHD PROGRAM / 2024-2025

### What is the medium of education?

English, face to face.

### Who is eligible to apply?

**BSc graduates:** BSc graduates of basic sciences or engineering may apply. However, priority is given to those holding a BSc degree from Physics, Physics Engineering, Physics Education or any other basic sciences or engineering programs who also have a minor degree in Physics, Engineering Physics or Physics Education. A minimum graduation point average of 3/4 is required.

**MSc graduates with thesis:** MSc graduates of basic sciences or engineering may apply. However, priority is given to those holding an MSc degree in Physics, Engineering Physics, Physics Education and Applied Physics.

### What is the content of the program?

ISU Physics PhD program has a thematic curriculum tailored in the field of "High Energy and Particle Physics". Those admitted by BSc degree have to complete 300 ECTS, whereas those admitted by MSc degree are required to complete 240 ECTS.

### Research Opportunities, International Collaborations, Infrastructure and Projects:

Istinye University has a highly experienced and competent research group who are involved in advanced studies on High Energy Physics, Particle Physics, Particle Detectors and Particle Accelerators. Furthermore, the fully equipped R&D laboratories to carry out research in these fields together with various external project funds and memberships in world-class international research collaborations offer unique opportunities to PhD students.

Istinye University is a member of four (ATLAS, CAST, DRD1, FCC) collaborations at CERN, the European Particle Physics Laboratory, one (BESIII) experiment at the Institute of High Energy Physics of the Chinese Academy of Sciences, and one (sr-EDM) experiment under preparation at the US Brookhaven National Laboratory as well as the COST action CosmicWISPer. Within the framework of these opportunities, the ISU Physics PhD Program offers broad research opportunities and a strong international research network to doctoral students, which are rarely available in Türkiye for the field of high energy and particle physics.

#### ISU High Energy & Particle Physics Research Group:

Candan Dözen Altuntaş  
*Postdoctoral Researcher*

Andrew J. Beddall  
*Associate Professor*

Emre Çelebi  
*Postdoctoral Researcher*

Serkant Ali Çetin  
*Professor*

Selçuk Hacıömeroğlu  
*Associate Professor*

Onur Buğra Kolcu  
*Assistant Professor*

Sertaç Öztürk  
*Professor*

Anatoli Romaniouk  
*Adjunct Professor*

Sezen Sekmen  
*Adjunct Professor*

Sinem Şimşek  
*Postdoctoral Researcher*

Zekeriya Uysal  
*Postdoctoral Researcher*

Taylan Yetkin  
*Professor*

#### Collaborations:



### Online info request:

<https://lisansustu.istinye.edu.tr/en/basvuru-ve-kabul/detayli-bilgi-talebi#no-back>

### Online application:

<https://isu.my.site.com/>

### For further information:

Prof. Dr. Serkant Ali Çetin, Dept. of Basic Sciences

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