

# Digital Agriculture Study Abroad



Information Slide Set

# Presentation Outline

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# ESS 494/593 Digital Agriculture Study Abroad Objectives

- Students will become familiar with digital agriculture through in-class lectures and hands-on experimental learning.
- Students will learn about the history and culture of the regions visited.

# Course Details

- 22 days total - three days in travel to and from Europe
- 19 days in-program
- 36 hours of teaching contact time
- 27 hours of Digital Agriculture educational tours
- Visit Five UNESCO World Heritage Sites
- Program based from JJ Strossmayer University, Osijek Croatia
- Educational programs at Zadar University and Zagreb Agricultural University

# Course Expectations

## For undergraduate students (ESS 494)

- Participate all lectures, educational programs, and cultural tours.
- Take quizzes at the end of the educational program at each of the three universities **(2/3 of the course grade)**.
- Develop a 20-min presentation to introduce a Digital Agriculture topic of their choosing; present to classmates and JJ Strossmayer students and faculty during the final day of the program with 15 min open discussion and 5 min Q&A **(1/3 of the course grade)**.
- Earn extra 5 points by actively participating in questions and discussion of others' presentations.

## For graduate students (ESS 593)

- Complete all the assignments for undergraduates **(2/3 of the course grade)**.
- Prepare an **essay** (4-8 pages, single line space, 1 inch margin, 12 font size in Times New Roman) on a Digital Agriculture topic of their choosing. Creating the presentation and essay on the same topic is allowed **(1/3 of the course grade)**

## Discipline

- Complete own work, no cheating, plagiarism and collaboration with others on an assignment except group work.
- Student work completed for a former class or by someone else could result in disciplinary action.
- Be prepared for all classes; Be respectful of others. Abide by the UT Honor Code.
- Actively contribute to the learning activities in class.

# Program Overview

- Base Program Fee \$5,815 – Total cost \$6,022
- Minimum required 10 student enrollment
- 3/15 Program application deadline
- Digital Agriculture Team will meet in Budapest on Saturday May 18, 2024
- We will shuttle participants from BUD airport, or you can meet us at hotel
- Group will overnight in Budapest on Saturday and tour city on Sunday
- Sunday afternoon group will travel to Osijek, Croatia to University

# Scholarship Opportunities

## University of Tennessee

- Herbert College of Agriculture Study Abroad Scholarship
  - Up to **\$1,250** for undergraduate students in a Herbert major/minor
  - Deadline: April 15
- Smith International Center Scholarship
  - **\$500** for undergraduate students pursuing an agriculture or natural resource-based study abroad
  - Deadline: April 15
- CGE Undergraduate Study Abroad Scholarship
  - **\$800** for UT undergraduate students
  - Deadline: February 15
- University Honors Grant
  - Up to **\$500** for UT undergraduate students in a University Honors program
  - Deadline: March 31

For more info & to apply visit [smithcenter.tennessee.edu](http://smithcenter.tennessee.edu)



# Scholarship Opportunities

## External Scholarships

- Benjamin A. Gilman Scholarship
  - Up to **\$5,000** for undergraduate Federal Pell Grant recipients
  - Deadline: March 5
- Gilman-McCain Scholarship
  - Up to **\$5,000** for child dependents of active duty service members
  - Deadline: March 5
- Phi Kappa Phi Honors Society Scholarship
  - Up to **\$1,000** for any undergraduate enrolled in an education abroad program
  - Not required to be in Phi Kappa Phi
  - Deadline: March 15

For more info & to apply visit [smithcenter.tennessee.edu](http://smithcenter.tennessee.edu)



# Scholarship Opportunities

## BESS Scholarships

- The Biosystems Engineering & Soil Science Department will provide **\$1,000** scholarships to BESS students who participate.
  - Environmental Soil Science
  - Construction Science & Management
  - Biosystems Engineering
  - Biosystems Engineering Technology

# Introduction to Josip Juraj Strossmayer University od Osijek

12 Faculties  
18,000 Students



# Travel Overview

# EUROPE

## EUROPEAN UNION

- EU Member States
- EU New Members since 2004
- EU New Member 2013
- EU Candidates
- Possible EU Candidates 2022
- EFTA Member States

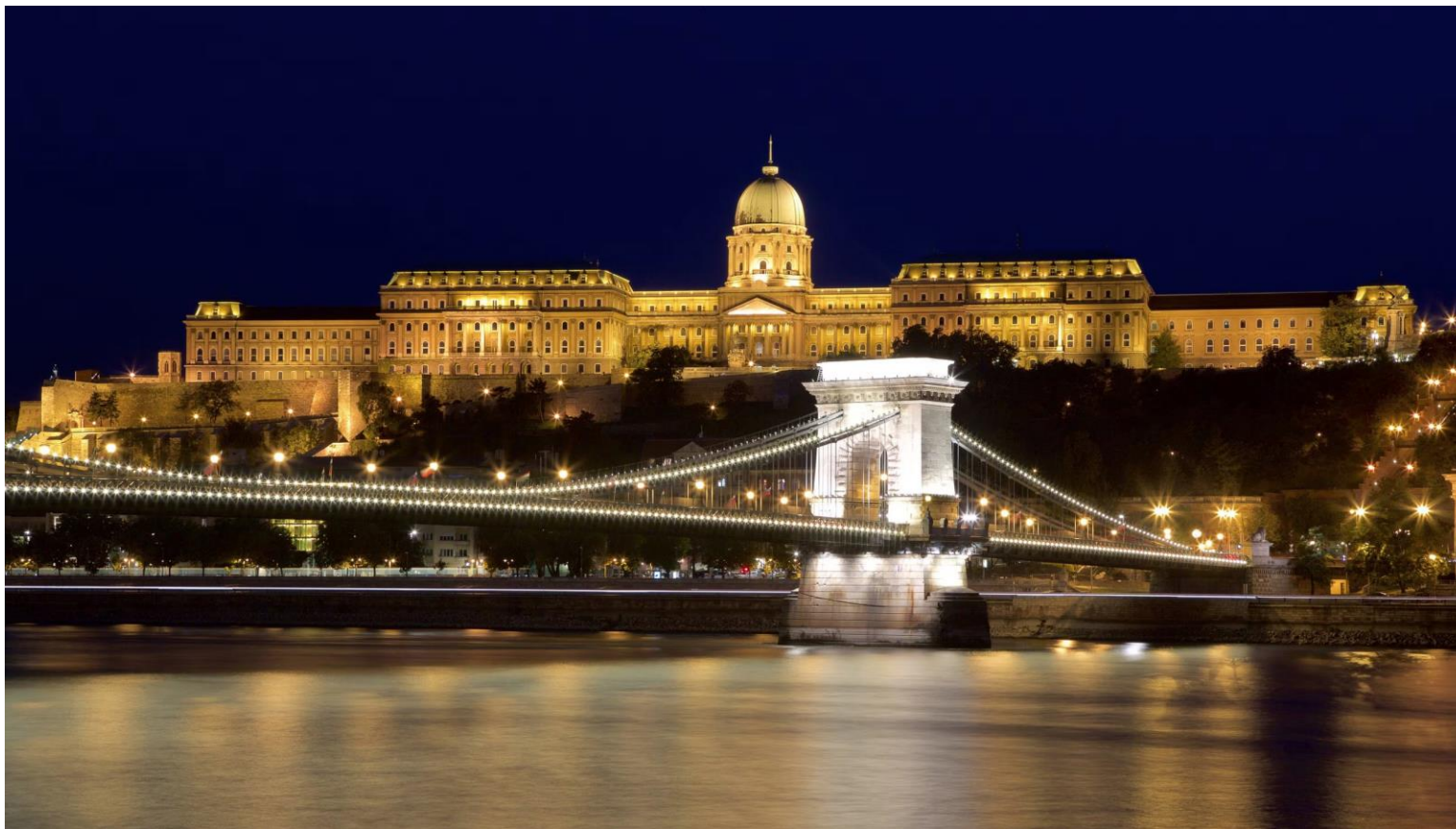


# Locations & Topics

- o Budapest, Hungary
- o Osijek, Croatia
- o Mostar, Bosnia & Herzegovina
- o Dubrovnik, Croatia
- o Split, Croatia
- o Zadar, Croatia
- o Pag Grad
- o Plitvice National Park, Croatia
- o Zagreb, Croatia
- o Krapina Cultural center
- o Osijek, Croatia







Budapest,  
Hungary

Buda Side

UNESCO Site





Budapest,  
Hungary

Pest Side



# Osijek City, Croatia



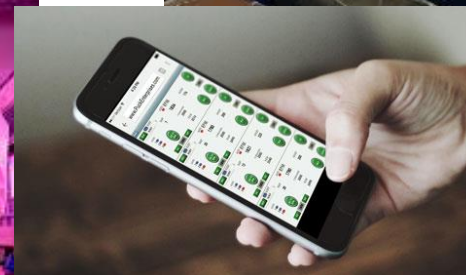
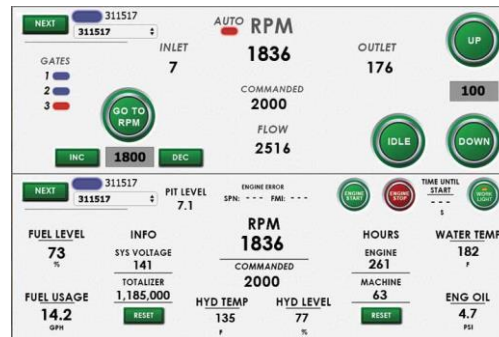
# J.J. University of Osijek

## FAZOS (Faculty of Agrobiotechnical Sciences Osijek)

- Agricultural and Biotechnical Sciences
- Digital Agriculture as a new program



# Digital Agriculture Program



# Agriculture production (Livestock, Arable and Greenhouse Production)





# Agriculture production (Wine Production)





## UNESCO World Heritage Site Old Bridge Mostar, Bosnia & Herzegovina





Old City Dubrovnik,  
Croatia

UNESCO Site



## Dubrovnik Old City Walls



# Split, Croatia



# Diocletian's Palace Split, Croatia

UNESCO Site







# Zadar City

# Zadar Sea Organ







# Zadar City University



# Cheese and Aquaculture Production





# UNESCO World Nature Site - Plitvice Lakes National Park, Croatia





**Plitvice  
Lakes  
National  
Park,  
Croatia**

**UNESCO  
Site**



An aerial photograph of the University of Zagreb Faculty of Agriculture campus. The campus features several large, modern, light-colored buildings with flat roofs, interspersed with lush green trees. A paved road runs along the left side of the campus, separating it from a large green field. In the background, a dense forest covers a hillside, and a residential area with red-roofed houses is visible. The foreground shows a large green field with some agricultural plots.

# University of Zagreb

## Faculty of Agriculture



# Zagreb City, Croatia



# Agricultural Products Processing





# Renewable Energy in Agriculture



# Presentations and Study Tour Summary



# Preparation Meeting

A meeting will be held on **Thursday March 21 @ 6:00 PM** to provide detailed information about the trip. All students with complete applications will receive an email providing the meeting location.



# If you have questions please contact:

Dr. Robert Burns [rburns@utk.edu](mailto:rburns@utk.edu) – Program Leader

Ms. Terrilyn Klingberg [tklingbe@vols.utk.edu](mailto:tklingbe@vols.utk.edu) – Program GRA