



# An International Path to Medicine

During the semester-long program, in addition to physician shadowing (16 hours with alternating on and off weeks), and doctor-lead seminars/reflective debriefings, you will be enrolled in Spanish and chemistry classes, that include touring cultural sites in nearby cities. Based on pre-travel questionnaire responses (*e.g.*, academic goals, personal interests, pet affinity, and/or dietary restrictions) and a rigorous host screening, students will be matched with a local family; all meals are covered by the host family. University-provided private health insurance covers doctor, and hospital visits; prescriptions require out-of-pocket purchase.

For more information, contact: Lanna Sheldon at: lanna.sheldon@ttu.edu.

# Program Target: Pre-medical/pre-health juniors and seniors

- Work with medical professionals with a different cultural perspective
- Build intercultural communication skills specific to patient care
- ✓ Gain a greater global perspective in problem solving and
- Develop fluency in Spanish medical terminology

# **BA in Chemistry with a Spanish Minor**

# Example Scheduling Plan

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# FALL

- √ CHEM 1307/1107 Chemistry I & Lab
- √ SPAN 1501 Beginning Spanish I
- √ MATH 1451 Calculus I
- √ ENGL 1301 Essential Rhetoric

# SPRING

- √ CHEM 1308/1108 Chemistry II & Lab
- √ SPAN 1502 Beginning Spanish II
- 🗸 MATH 1452 Calculus II
- ✓ ENGL 1302 Advanced Rhetoric

# SUMMER

- √ ENGL 2307/2322 Intro to Fiction & Global Lit
- $\checkmark$  Oral Communication & Art Core Elective



# FALL

- √ CHEM 3305/3105 Organic Chemistry I & Lab
- 🗸 SPAN 2301 Intermediate Spanish I
- ✓ BIOL 1403 Biology I & Lab
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# SPRING

- V CHEM 3306/3106 Organic Chemistry & Lab
- 🗸 SPAN 2302 Intermediate Spanish II
- 🗸 BIOL 1404 Biology II & Lab
- PHYS 1404 General Physics II
- PFW Core Elective

# SUMMER

- √ Online Global Scholar Certificate for multicultural credit. (globalscholar.us)
- √ Language Philosophy & Culture
- Social & Behavioral Sciences (6-Hours)

# FALL (SEVILLE, SPAIN)

- √ CHEM 3310 Molecular Biochemistry
- √ SPAN 3306 Spanish Life and Culture
- √ SPAN 3309 Medical Spanish/Shadowing
- SPAN 4343 Advanced Language Skills

# SPRING

- √ CHEM 3301 Descriptive Inorganic Chemistry
- √ CHEM 3000 Undergraduate Research
- ✓ Advanced Biological Science Elective
- √ MATH 2300 Statistical Methods

# FALL

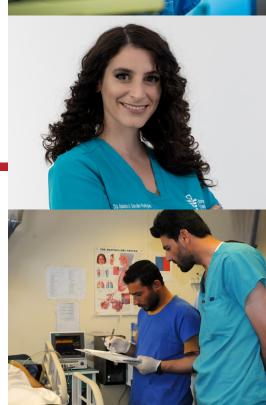
**TEAR** 

- √ CHEM 3307/3107 Physical Chemistry I & Lab
- √ CHEM 3341/3141 Analytical Methods
- √ HIST 2301 US History I
- √ POLS 1301 American Public Policy
- ✓ Art Core Elective

# SPRING

- VCHEM 4314/4114 Instrumental Methods & Lab
- Advanced Chemistry Elective
- √ Advanced Biological Science Elective
- √ HIST 2302 US History II
- ✓ POLS 2301 American Government





# General Studies with Chemistry, Biology, and Spanish

# Example Scheduling Plan

# FALL

- √ CHEM 1307/1107 Chemistry I & Lab
- 🗸 SPAN 1501 Beginning Spanish I
- √ MATH 1451 Calculus I
- √ ENGL 1301 Essential Rhetoric
- √ PFW Core Elective (1-Hour)

# SPRING

FALL

- √ CHEM 1308/1108 Chemistry II & Lab
- √ SPAN 1502 Beginning Spanish II
- √ ENGL 1302 Advanced Rhetoric
- √ PFW Core Elective (1-Hour)

# YEAR

- √ CHEM 3305/3105 Organic Chemistry I & Lab
- √ SPAN 2301 Intermediate Spanish I
- √ BIOL 1403 Biology I & Lab
- VPHYS 1403 General Physics I
- $\checkmark$  Language, Philosophy & Culture (3-Hours)

# SPRING

- √ CHEM 3306/3106 Organic Chemistry & Lab
- √ SPAN 2302 Intermediate Spanish II
- 🗸 BIOL 1404 Biology II & Lab
- √ PHYS 1404 General Physics II

# SUMMER

√ Online Global Scholar Certificate for multicultural credit. (globalscholar.us)

# FALL (SEVILLE, SPAIN)

- V CHEM 3310 Molecular Biochemistry
- √ SPAN 3306 Spanish Life and Culture
- SPAN 3309 Medical Spanish/Shadowing
- SPAN 4343 Advanced Language Skills
- V POLS 1301 American Public Policy (Online)

# SPRING

- ✓ BIO 3416 Genetics
- √ BIO 2403 Human Anatomy & Physiology (Or other BIO Elective)
- √ Social & Behavioral Science Core (3-Hours)
- ✓ Jr./Sr. Elective (3-Hours)

# FALL

**TEAR** 

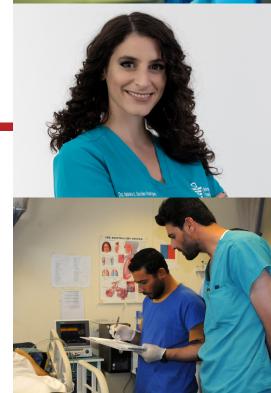
- JBIO 3400 Microbiology
- 🗸 HIST 2301 US History I
- √ Creative Arts Option (3-Hours)
- √ Jr/Sr. Elective (6-Hours)

# SPRING

- √ Creative Arts Option (3-Hours)
- HIST 2302 US History II
- ✓ POLS 2306 Texas Politics
- √ Social & Behavioral Science Core (3-Hours)
- √ Jr./Sr. Elective (3-Hours)







# **BS in Biology with Chemistry and Spanish Minors**

# **Example Scheduling Plan**

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YEAR

### FALL

- √ CHEM 1307/1107 Chemistry I & Lab
- √ SPAN 1501 Beginning Spanish I
- √ MATH 1320 College Algebra
- √ ENGL 1301 Essential Rhetoric

# SPRING

- √ CHEM 1308/1108 Chemistry II & Lab
- 🗸 SPAN 1502 Beginning Spanish II
- √ MATH 2300 Statistical Methods
- ENGL 1302 Advanced Rhetoric
- PFW Core Elective

### FALL

- √ CHEM 3305/3105 Organic Chemistry I & Lab
- 🗸 SPAN 2301 Intermediate Spanish I
- √ BIOL 1403 Biology I & Lab
- ✓ POLS 1301 American Public Policy
- ✓ ENGL 2000-Level Core Elective

#### SPRING

- √ CHEM 3306/3106 Organic Chemistry & Lab
- 🗸 SPAN 2302 Intermediate Spanish II
- √ BIOL 1404 Biology II & Lab
- ✓ POLS 2306 American Government
- ✓ Social & Behavioral Core Elective

#### SUMMER

Online Global Scholar Certificate for multicultural credit. (globalscholar.us)

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# FALL (SEVILLE, SPAIN)

- √ CHEM 3310 Molecular Biochemistry
- √ SPAN 3306 Spanish Life and Culture
- ✓ SPAN 3309 Medical Spanish/Shadowing
- √ SPAN 4343 Advanced Language Skills
- ✓ BIOL 4300 Undergraduate Research

# SPRING

- √ BIOL 3305 Organic Evolution
- ✓ BIOL 3309 Principles of Ecology
- BIOL 3416 Genetics
- √ Creative Arts Core Elective
- √ Oral Communication Core Elective

# FALL

- √ BIOL 3320/3120 Cell Biology & Lab
- Advanced Biological Science Elective\*
- ✓ Advanced Biological Science Elective\*
- HIST 2300 US History I
- V PHYS 1403 General Physics I

# SPRING

- Advanced Biological Science Elective\*
- ✓ Advanced Biological Science Elective\*
- Language, Philosophy & Culture
- √ HIST 2301 US History II
- V PHYS 1404 General Physics II

\* Biology electives must be 3000-4000 level courses from BIOL, BOT, MBIO, ZOOL (NOT MBIO 3400); 3 hours from PHIL 3322, 3325, or 3334 may be applied. Up to 6 hours of undergraduate research may apply towards the degree requirements.





