Opportunities Week of May 1, 2020

Fulbright U.S. Student Program Fellowship Webinars: The nationally competitive Fulbright U.S. Student Program provides funding for overseas research, teaching, or study in any field. In many cases, foreign language proficiency is not required, even for countries outside the English-speaking world. Undergraduates who will complete a Bachelor’s next academic year (rising seniors) are especially urged to attend. Graduating seniors should note that the deadline for funding during the 2020-21 academic year has passed, however, they may apply for an upcoming cycle. Freshmen and sophomores are welcome to attend in order to plan ahead! Students interested in funding to be overseas during the 2021-22 academic year should attend the upcoming Fulbright Fridays webinar with Fulbright Program Manager Alexa Rowland.

The next webinar will be held Friday, May 8, 2020 at 2:30PM EST
For more info on the webinar series and to register, visit https://calendar.stonybrook.edu/site/graduate-school/event/a-very-special-fulbright-friday-with-fulbright-program-manager-alexa-rowland/

What does P/NC Mean for Health/Law Programs?: The pre-professional advising office will be hosting a Zoom Q/A chat discussing the P/NC option for those of you who are pre-health and pre-law.
Event is Wednesday, May 6, 2020, 1:00PM – 2:30PM
To register, visit https://stonybrook.zoom.us/meeting/register/tJ0rc-yuqzsiHFQOMacXPZdng8SSNvLDSJHg

AMS Course Offerings this Summer 2020: The Applied Mathematics and Statistics Department is offering a vast amount of courses this summer including AMS 151, AMS 161, AMS 110, and AMS 310. Please see attached document for more info.

Pharmacy School Virtual Fair: The American Association of Colleges of Pharmacy (AACP) is hosting a virtual fair. Students will have the opportunity to learn about PharmD Programs and Master’s & PhD Programs in Pharmacy Science. You will also be able to meet admissions representatives and faculty from pharmacy schools nationwide.
Event is May 18, 2020, 10:00AM – 7:00PM
To register, visit https://www.careereco.com/Fair/EventDetails?fairId=391063bc-fda6-4362-9d60-ab9900e2f34c

*Disclaimer: Undergraduate Biology does not endorse or take responsibility for any off-campus programs listed in Opportunities emails. While we do our best to vet any opportunity that is shared, please let us know immediately if you are suspicious of any employers/programs.
WHAT DOES P/NC MEAN FOR HEALTH/LAW PROGRAMS?

COME TALK WITH PRE-PROFESSIONAL ADVISORS ABOUT THE P/NC OPTION

WEDNESDAY, MAY 6TH 1-2:30 P.M. ON ZOOM
# AMS ONLINE Course Offerings in Summer 2020

## SESSION I

### AMS 151 Applied Calculus I  [AMS 151 Webpage](#)

**Prerequisites:** B or higher in MAT 123, or level 5 on the mathematics placement examination; or B or higher in MAT 122 and concurrent registration for MAT 130

65816 LEC ONLINE Inst: Emma Talis

### AMS 161 Applied Calculus II  [AMS 161 Webpage](#)

**Prerequisites:** C or higher in AMS 151 or MAT 127 or 132 or 142 or MPE level 9. SBC: STEM+

63119 LEC 01 ONLINE Inst: Ji Liu

### AMS 261 Applied Calculus III  [AMS 261 Webpage](#)

**Prerequisite:** AMS 161 or MAT 127 or 132 or 142 or MPE level 9. SBC: STEM+

63082 LEC ONLINE Inst: Roberto Bertolini

### AMS 300 Writing in Applied Mathematics  [AMS 300 Webpage](#)

**Prerequisite:** WRT 102: AMS major; U3 or U4 standing

65817 SEM S01 ONLINE Inst: Francesca Polo

### AMS 301 Mathematical Structures  [AMS 301 Webpage](#)

**Prerequisites:** AMS 210 or MAT 211 or AMS 361 or MAT 303

63116 LEC 01 ONLINE Inst: Xin Cao

### AMS 310 Survey of Probability and Statistics  [AMS 310 Webpage](#)

**Prerequisites:** AMS 161 or MAT 126, 132, 142

63083 LEC 30 Loc: ONLINE Inst: Fred Rispoli

### AMS 326 Numerical Analysis  [AMS 326 Webpage](#)

**Prerequisites:** CSE 101; AMS 161; basic skills in using a high-level programming language (C, C++, or Java.) Advisory prerequisite: AMS 210 or MAT 211

65402 LEC 01 ONLINE Inst: Ziji Zhang

### AMS 341 Op Research I: Deterministic Models  [AMS 341 Webpage](#)

**Prerequisites:** AMS 210 or MAT 211

63120 LEC 02 ONLINE Inst: Yixuan Lin

### AMS 394 Statistical Laboratory  [AMS 394 Webpage](#)

**Prerequisite:** AMS 310 or AMS 315

64872 LAB L01 ONLINE Inst: Tian Zhu

### AMS 412 Mathematical Statistics  [AMS 412 Webpage](#)

**Prerequisite:** AMS 311

65404 LEC 01 ONLINE: Can Huang

## SESSION II

### AMS 102 Elements of Statistics  [AMS 102 Webpage](#)

**Prerequisite:** Satisfaction of entry skill in mathematics requirement (Skill 1) or satisfactory completion of D.E.C.

64874 LEC 30 ONLINE Inst: Bakhtavar Hagedorn

### AMS 103 Applied Mathematics in Modern Technology  [AMS 103 Webpage](#)

**Prerequisite:** Level 3 or higher on the mathematics placement examination

63180 LEC 30 ONLINE Inst: David Kraemer
AMS 110 Probability & Statistics for the Life Sciences  [AMS 110 Webpage]
Prerequisites:  [AMS 151] or MAT 125 or 131 or 141
64384 LEC 30  Loc: ONLINE  Inst: Bakhtavar Hagedorn

AMS 210 Applied Linear Algebra  [AMS 210 Webpage]
Prerequisites:  [AMS 151] or MAT 131 or 141; Corequisite: MAT 126
64386 LEC 01  ONLINE  Inst: Hyunkyung Lim

AMS 303 Graph Theory  [AMS 303 Webpage]
Prerequisite:  AMS 301
65815 LEC 01  ONLINE  Inst: Mokhwa Lee

AMS 311 Probability Theory  [AMS 311 Webpage]
Prerequisites:  AMS 301 and 310 or permission of instructor Corequisites: MAT 203 or 205 or AMS 261.
64846 LEC 30  Loc: ONLINE  Inst: Fred Rispoli

AMS 315 Data Analysis  [AMS 315 Webpage]
Prerequisites:  AMS 102 or AMS 310
64834 LEC 01  ONLINE  Inst: Guanchao Tong

AMS 317 Into to Linear Regression Analysis  [AMS 317 Webpage]
Prerequisite:  AMS 315
65408 LEC 01  ONLINE  Inst: Siao Lu

AMS 318 Financial Mathematics  [AMS 318 Webpage]
Prerequisite:  AMS 310
64385 LEC 30  Loc: ONLINE  Inst: Bakhtavar Hagedorn

AMS 361 Applied Calculus IV: Differential Equations  [AMS 361 Webpage]
Prerequisite:  AMS 161 or MAT 127 or 132 or 142
64833 LEC 01  ONLINE  Inst: Peng Zhang