



Research Experience for Undergraduates
at the
University of Wyoming

Tentative Schedule for 2018

Planned excursions: Hiking in Medicine Bow National Forest; camping trip to Grand Tetons & Yellowstone National parks

Additional possibilities: whitewater rafting, mountain biking, tour of Territorial Prison

Week 01 beginning on May 21

Monday:

Orientation breakfast	DD
Collaborations and Working in Groups	DD
Intro to UWyo computing	CK
WIRO orientation: observatory safety, night sky (planetarium)	CK
Meet the Department (picnic dinner)	DD

Tuesday:

Science overview: <i>Radial Star Formation Histories of Galaxies</i>	DD
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Wednesday & Thursday & Friday:

Seminar: <i>IRAF and Optical Data Processing</i>	CK
IRAF photometry practice project	CK
Observing Training	DD

Friday:

Journal Club & Group Meeting

Week 02 beginning on May 28

Observing: WIRO

Tuesday & Wednesday:

Seminar: <i>Python and Scientific Programming</i>	JT
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Thursday:

Seminar: <i>Star-Forming Galaxies</i>	JS
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Friday:

Journal Club & Group Meeting

Week 03 beginning on June 04

Observing: WIRO

Monday, Tuesday, Wednesday:

IRAF & photometry

Thursday: (4:00)

Seminar: *Writing a Paper for Refereed Journals in Astronomy*

MB

Seminar: *The Ins and Outs of Applying to Graduate Schools*

MB

Friday:

Journal Club & Group Meeting

Week 04 beginning on June 11

Observing: WIRO

Data Processing & Analysis

Tuesday:

The Era of Extremely Large Telescopes

MP

Thursday:

Circumstellar Disk Theory

HJC

Friday:

Meet with / present to Upward Bound

Journal Club & Group Meeting

Week 05 beginning on June 18

Observing: WIRO

Wednesday:

Seminar: *Large-Scale Structure of the Universe*

AM

Data Processing & Analysis

Friday:

Journal Club & Group Meeting

Week 06 beginning on June 25

Observing: WIRO

Data Processing & Analysis

Wednesday:

Seminar: *Web page design*

DD

Seminar: *How to Give a Professional Presentation in Astronomy*

DD

Friday:

Journal Club & Group Meeting

Week 07 beginning on July 02

Data Processing & Analysis

Thursday:

Seminar: *Attending a Science Conference*

HJC

Friday:

Journal Club & Group Meeting

Week 08 beginning on July 09

Monday through Thursday:

Trip to Grand Tetons and Yellowstone National Parks

Friday:

Journal Club & Group Meeting

Learn spectroscopy observations at WIRO w/Kobulnicky?

Week 09 beginning on July 16

Data Processing & Analysis

Tuesday:

Seminar: *Preparing for the GRE; resumes; alternative careers* RM
Start observing for Brotherton's AGN project?

Tuesday:

Seminar: *Ethics in Science* CK

Thursday:

Seminar: *Making a poster for an AAS Meeting* DD

Wednesday:

Seminar: *Quasar Clustering and the Big Bang* MN

Friday:

Journal Club & Group Meeting

Week 10 beginning on July 23

Data Processing & Analysis

Work on poster presentations

Thursday:

Farewell Dinner DD