



Research Experience for Undergraduates
at the
University of Wyoming

Tentative Schedule for 2016

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 May 31 – June 03

Tuesday:

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

Wednesday:

Science overview: <i>The Physics of Quasars</i>	JF
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Thursday:

Journal Club & Group Meeting	
<i>Wednesday & Thursday & Friday:</i>	
Seminar: <i>IRAF and Optical Data Processing</i>	DD
IRAF photometry practice project	DD
Observing Training	DD & CK

Week 02 June 06 – June 10

Observing: WIRO

Tuesday, Wednesday, & Thursday:

IRAF & photometry	DD
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Thursday:

Seminar: <i>The Ins and Outs of Applying to Graduate Schools</i>	MB
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Friday:

Journal Club & Group Meeting

Week 03 June 13 – June 17

Observing: WIRO

Monday & Wednesday:

Seminar: <i>Python and Scientific Programming</i>	AM
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Wednesday, Thursday, & Friday:

IRAF & photometry
Wednesday:
Seminar: Large Telescopes MP
Friday:
Seminar: *How to Give a Professional Presentation in Astronomy* DD
Journal Club & Group Meeting

Week 04 June 20 – June 24

Observing: WIRO
Data Processing & Analysis
Wednesday:
Seminar: *Large-Scale Structure of the Universe* AM
Friday through Monday:
Trip to Grand Tetons and Yellowstone National Parks

Week 05 June 27 – July 01

Observing: WIRO
Data Processing & Analysis
Wednesday:
Denver field trip: NREL, Waterworld, baseball
Thursday:
Seminar: *Runaway Massive Stars* WC
Friday:
Journal Club & Group Meeting

Week 06 July 04 – July 08

Observing: WIRO
Data Processing & Analysis
Wednesday:
Seminar: *Web page design* DD
Friday:
Journal Club & Group Meeting

Week 07 July 11 – July 15

Data Processing & Analysis
Thursday:
Seminar: *Exoplanets* HJC
Seminar: *Attending a Science Conference* HJC
Friday:
Seminar: *Writing a Paper for Refereed Journals in Astronomy* MB
Journal Club & Group Meeting

Week 08 July 18 – July 22

Data Processing & Analysis
Tuesday:
Seminar: *Ethics in Science* CK
Friday:
Journal Club & Group Meeting

Week 09 **July 25 – July 29**

Data Processing & Analysis

Tuesday:

Seminar: *Preparing for the GRE; resumes; alternative careers* RM,DD

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 **August 01 – August 05**

Data Processing & Analysis

Work on poster presentations

Thursday:

Farewell Dinner DD