Course Change Request

Date Submitted: 02/26/21 10:26 am

Viewing: **CLIM 301 : Weather Analysis and Prediction**

Last approved: 02/22/19 4:30 am

Last edit: 02/26/21 10:26 am

Changes proposed by: jbazaz

Catalog Pages referencing this course

[Climate Dynamics (CLIM)](#)

[Department of Atmospheric, Oceanic and Earth Sciences](#)

Select modification type:

~~Simple~~

Substantial

Are you completing this form on someone else's behalf?

No

Effective Term: Spring 2021

Subject Code: CLIM - Climate Dynamics   **Course Number:**   301

Bundled Courses:

Is this course replacing another course?   No

Equivalent Courses:

Catalog Title: Weather Analysis and Prediction

In Workflow

1. **AOES Chair**
2. **SC Curriculum Committee**
3. SC Associate Dean
4. Assoc Provost-Undergraduate
5. Registrar-Courses
6. Banner

Approval Path

1. 03/02/21 10:26 am Jim Kinter (jkinter): Approved for AOES Chair

History

1. Feb 22, 2019 by Gregory Craft (gcraft)

Banner Title: Weather Analysis/Prediction

Will section titles vary by semester?   No

Credits: 4

Schedule Type: Lecture w/Lab

Hours of Lecture or Seminar per week: 3

Hours of Lab or Studio per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3)   **Max Allowable Credits:**   12

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

MATH 113 or equivalent; **and** one **of:** ~~of CLIM/PHYS 111/112 or EOS 121 or GGS 121.~~ **CLIM/PHYS 111/112, or GGS 121.**

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

**Catalog
Description:**

Large-scale behavior of mid-latitude weather systems. Includes coupling of synoptic motion to mesoscale processes that lead to significant weather events. Introduces the observational network, numerical weather models, and prediction. Laboratory portion gives practical experience in weather analysis, prediction, and technology currently used for visualization and analysis.

Justification:

Removing the prerequisite of EOS 121 as the course no longer exists.

Does this course cover material which crosses into another department?   No

Learning Outcomes:

Attach Syllabus

**Additional
Attachments**

**Specialized Course
Categories:**

**Additional
Comments:**

**Reviewer
Comments**

Key: 2451