

EARTH SYS SC & ENG SPACE WEATHER SubPlan Requirements

Campus: UMICH
Career: UENG
Program:
Plan: 2610BSE
Sub-Plan: SPWEA

RG = Requirement Group
RQ = Requirement
LN = Line

RG 6310 **SPACE WEATHER CONCENTRATION REQUIREMENTS**

Effective FA09/1760 (09/08/2009)

RQ 4912 **Concentration – SPACE WEATHER**

Effective FA09/1760 (09/08/2009)

- LN 0010 AOSS 477, PHYSICS 405
- LN 0020 Less than Minimum Grade: Concentration Courses
- LN 0040 Experiential course: AOSS 462 or ENGR 450 (1 course required)
- LN 0045 Component courses: AEROSP 305, AOSS 401, (AOSS 462 or ENGR 450), AOSS 475, EECS 314, MATH 450, NERS 471 (3 courses required)
- LN 0050 Less than Minimum Grade: Experiential and Component courses
- LN 0060 Excess Component courses (make no exceptions here)

RQ 5762 **Concentration Courses + Technical Electives - SPWEA: (34 units are required)**

Effective FA09/1760 (09/08/2009)

- LN 0010 Concentration Courses
- LN 0050 Technical Electives: AEROSP 325, 421, AOSS 462, 495, EECS 320, 430, NERS 471, PHYSICS 451, 452, STATS 315, 412, STATS/MATH 425
- LN 0060 Less than Minimum Grade: Technical Electives (make no exceptions here)
- LN 0070 Excess Technical Electives courses (make no exceptions here)

RG 6310 **SPACE WEATHER CONCENTRATION REQUIREMENTS**

Effective FA05/1560 (09/06/2005)

RQ 4912 **Concentration – SPACE WEATHER**

Effective FA05/1560 (09/06/2005)

- LN 0010 AOSS 450, 464, 470, ENGR 450
 - LN 0020 MATH 450
 - LN 0030 Less than Minimum Grade: Concentration Courses (make no exceptions here)
 - LN 0040 Technical Electives: AOSS 467, 479, 498, 499, 605, ENGR 450, GEOSCI 420, 422, 442, NERS 471, NRE 441, PHYSICS 406, 451, 452
 - LN 0050 Less than Minimum Grade: Technical Electives (make no exceptions here)
 - LN 0060 Excess Technical Electives courses (make no exceptions here)
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**EARTH SYS SC & ENG SPACE WEATHER
SubPlan Requirements**

RG 6311 **EARTH SYSTEM SCIENCE & ENG RESIDENCY, GPA REQUIREMENTS**
Effective FA05/1560 (09/06/2005)

RQ 4913 **ESSE Residency and GPA requirements**
Effective FA09/1760 (09/08/2009)

- LN 0010 Minimum 30 units of technical courses at the 300 level or higher
- LN 0020 Major GPA. See your departmental advisor for the correct calculation if NFC and REP codes appear on your transcript and your major GPA is less than 2.00.
- LN 0030 General Electives
- LN 0040 Withdrawals, Failures, Incompletes, Not for Credit, Less than Minimum Grades

Effective FA05/1560 (09/06/2005)

- LN 0010 Minimum 30 units of technical courses at the 300 level or higher
- LN 0020 Major GPA. See your departmental advisor for the correct calculation if NFC and REP codes appear on your transcript and your major GPA is less than 2.00.
- LN 0030 General Electives
- LN 0040 Withdrawals, Failures, Incompletes, Not for Credit, Less than Minimum Grades