

# Program Change Request

Date Submitted: 10/04/18 3:30 pm

Viewing: **MINOR-ASTP : Astrophysics - Minor**

Last edit: 11/08/18 8:34 pm

Changes proposed by: skessler

Catalog Pages Using [Astrophysics - Minor](#)  
this Program

## Contact(s)

| Name           | E-mail            | Phone        |
|----------------|-------------------|--------------|
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Academic level Undergraduate  
 Effective Term 2019-2020  
 Department Physics and Astronomy  
 College Science  
 Program type Minor  
 With a minor in Astrophysics (ASTP)  
 Associated Program **Not Applicable**

Catalog Program Title  
Astrophysics - Minor

## Rationale for Proposal

**Due to a change in numbering for PHYS 208, as well as a change to the associated labs, PHYS 208 will now be PHYS 207. Non-Engineering majors will take the one hour lab, PHYS 227. Engineering majors will be required to take the two hour lab, PHYS/ENGR 217, which is part of their degree requirement.**  
**The Dept. UCC would like to require a C or better in all courses for the ASTP minor, and remove "ASTR 491 may be taken in-absentia". The statement is unnecessary for undergrads, and is confusing to them.**

Program hours **15**  
 Is this program eligible for financial aid? **Yes**  
 Will program hours change (increase/decrease) due to the proposed curriculum changes? **No**

## Catalog Program Requirements

## In Workflow

1. **PHYS Department Head**
2. **Curricular Services Review**
3. **SC Committee Preparer UG**
4. **SC Committee Chair UG**
5. **SC College Dean UG**
6. **UCC Preparer**
7. **UCC Chair**
8. **Faculty Senate Preparer**
9. Faculty Senate
10. Provost II
11. President
12. Curricular Services

## Approval Path

1. 09/27/18 11:17 am  
Lewis Ford (a-ford):  
Approved for PHYS Department Head
2. 10/04/18 10:28 am  
Angel Mario Carrizales (carri1214): Rollback to Initiator
3. 10/05/18 6:22 am  
Lewis Ford (a-ford):  
Approved for PHYS Department Head
4. 10/05/18 5:26 pm  
Angel Mario Carrizales (carri1214): Approved for Curricular Services Review
5. 10/08/18 8:53 am  
Sara Thigpin (sarathigpin): Approved for SC Committee Preparer UG
6. 10/08/18 9:14 am  
Lucas Macri (lmacri):  
Approved for SC Committee Chair UG
7. 10/08/18 9:14 am  
Lucas Macri (lmacri):  
Approved for SC College Dean UG
8. 10/08/18 2:02 pm  
Sandra Williams (sandra-williams):  
Approved for UCC Preparer
9. 11/05/18 3:21 pm  
Sandra Williams (sandra-williams):  
Approved for UCC Chair

| Code  | Title  | Semester Credit Hours |
|---|--|-----------------------|
| <del>PHYS 208</del>   | <del>Electricity and Optics</del>  | <del>4</del>          |
| <b>PHYS 207</b><br>& <b>PHYS 227</b>  | <b>Electricity and Magnetism for Engineering and Science</b><br><b>and Electricity and Magnetism Laboratory for the Sciences 1</b> | <b>4</b>              |
| <b>ASTR 314</b>   | Survey of Astronomy 2  | 3                     |
| <b>ASTR 320</b>   | Astrophysical Research Methods   | 2                     |
| Directed electives  |  | 6                     |
| Select two of the following:  |  |                       |
| <b>ASTR 401</b>   | Stars and Extrasolar Planets   |                       |
| <b>ASTR 403</b>   | Extragalactic Astronomy and Cosmology  |                       |
| <b>ASTR 491</b>   | Research   |                       |
| Total Semester Credit Hours   |  | 15                    |
| 1 All Engineering majors will take <a href="#">ENGR 217/PHYS 217</a> in place of <a href="#">PHYS 227</a> .                         |  |                       |
| 2 <a href="#">ASTR 314</a> is the prerequisite for <a href="#">ASTR 320</a> , <a href="#">ASTR 401</a> and <a href="#">ASTR 403</a> |  |                       |
| <b>Students must make a grade of "C" or better in all courses.</b>  |  |                       |

## Additional information

Required Proposal [Updated Degree Eval - ASTP minor - Fall 2019 - 3.pdf](#)

Forms

Reviewer Comments **Angel Mario Carrizales (carri1214) (10/04/18 10:24 am)**: Edits made to conform to catalog style guidelines.  
**Angel Mario Carrizales (carri1214) (10/04/18 10:28 am)**: Rollback: Footnote 1 includes ENGR/PHYS 217; however, the evaluation does not. Please add this course to the evaluation (Rule A). Also, only include the page of the evaluation that contains the minor coursework area.  
**Angel Mario Carrizales (carri1214) (10/05/18 5:26 pm)**: Initial concerns addressed  
**Sandra Williams (sandra-williams) (11/05/18 3:21 pm)**: UCC approved November 2018.

Key: 99

Take POLS 206 and POLS 207.

Total Credits and GPA

unofficial evaluation

**Area :** Writing Requirement ( 3.000 credits ) - Not Met

**Description :** This area requires 3 hours of courses with the UWRT and UCRT attribute.

| Met | Condition | Rule | Subject | Attribute | Low | High | Required Credits | Required Courses | Term | Subject | Course Title | Attribute | C |
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---|
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---|

|    |    |  |                     |  |  |  |  |  |  |  |  |  |  |
|----|----|--|---------------------|--|--|--|--|--|--|--|--|--|--|
| No | A. |  | Writing Requirement |  |  |  |  |  |  |  |  |  |  |
|----|----|--|---------------------|--|--|--|--|--|--|--|--|--|--|

Only sections of PHYS 327 with the Writing attribute [UWRT] and sections of PHYS 328 with the Communication attribute [UCRT] may be used to satisfy this requirement.

Total Credits and GPA

unofficial evaluation

**Area :** General Electives ( 6.000 credits ) - Not Met

| Met | Condition | Rule | Subject | Attribute | Low | High | Required Credits | Required Courses | Term | Subject | Course Title | Attribute | Credits |
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---------|
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---------|

|    |    |  |                        |  |  |  |  |  |  |  |  |  |  |
|----|----|--|------------------------|--|--|--|--|--|--|--|--|--|--|
| No | A. |  | General Electives 6hrs |  |  |  |  |  |  |  |  |  |  |
|----|----|--|------------------------|--|--|--|--|--|--|--|--|--|--|

Select any 100-499 course not used elsewhere. (except MATH 100-148, 165-166, 365-366; PHYS 201-202, 207-208.)

Total Credits and GPA 0.000

unofficial evaluation

**Area :** Work Not Applied - Met

**Description :** See advisor for acceptable substitutions.

| Met | Condition | Rule | Subject | Attribute | Low | High | Required Credits | Required Courses | Term | Subject | Course Title | Attribute | C |
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---|
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---|

|    |    |  |                     |  |  |  |  |  |  |  |  |  |  |
|----|----|--|---------------------|--|--|--|--|--|--|--|--|--|--|
| No | A. |  | Courses not applied |  |  |  |  |  |  |  |  |  |  |
|----|----|--|---------------------|--|--|--|--|--|--|--|--|--|--|

Total Credits and GPA

unofficial evaluation

**Area :** Astrophysics Minor ( 15.000 credits ) - Not Met

**Description :** Minimum of 6 hrs at 300- to 400-level. A minimum GPA of 2.0 is required.

| Met | Condition | Rule | Subject | Attribute | Low | High | Required Credits | Required Courses | Term | Subject | Course Title | Attribute | C |
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---|
|-----|-----------|------|---------|-----------|-----|------|------------------|------------------|------|---------|--------------|-----------|---|

|    |  |    |                     |  |  |  |  |  |  |  |  |  |  |
|----|--|----|---------------------|--|--|--|--|--|--|--|--|--|--|
| No |  | A. | <del>PHYS 208</del> |  |  |  |  |  |  |  |  |  |  |
|----|--|----|---------------------|--|--|--|--|--|--|--|--|--|--|

PHYS 207; and ENGR/PHYS 217 or PHYS 227

|    |     |    |          |  |  |  |  |  |  |  |  |  |  |
|----|-----|----|----------|--|--|--|--|--|--|--|--|--|--|
| No | AND | B. | ASTR 314 |  |  |  |  |  |  |  |  |  |  |
|----|-----|----|----------|--|--|--|--|--|--|--|--|--|--|

|    |     |    |          |  |  |  |  |  |  |  |  |  |  |
|----|-----|----|----------|--|--|--|--|--|--|--|--|--|--|
| No | AND | C. | ASTR 320 |  |  |  |  |  |  |  |  |  |  |
|----|-----|----|----------|--|--|--|--|--|--|--|--|--|--|

|    |     |    |                        |  |  |  |  |  |  |  |  |  |  |
|----|-----|----|------------------------|--|--|--|--|--|--|--|--|--|--|
| No | AND | D. | Directed Elective 6hrs |  |  |  |  |  |  |  |  |  |  |
|----|-----|----|------------------------|--|--|--|--|--|--|--|--|--|--|

Select from ASTR 401, 403, 491. ~~ASTR 491 may be taken in- absente.~~

A C or better is required in all classes.

Total Credits and GPA

unofficial evaluation