

FACULTY AGENDA ITEM

Date: 3/18/2024

Submitted by: Karen Camarda

Subject: Significant Program Changes – Physics, BA

Description / Rationale: Revised how degree requirements are displayed (matrix versus paragraph), and added that certain physics and astronomy courses would not count towards completion of Physics B.A. Also, due to the new general education requirements, students will now be required to complete a minor, certificate, or additional major. This will replace the general education credit hours that are no longer required and allow students to choose a complementary area of study.

Financial Implications: None indicated.

Proposed Effective Date: Fall 2024

Request for Action: Approval by AAC/FS/ Gen Fac/WUBOR

Approved by: AAC on 3/18/2024

Faculty Senate on date

Attachments: **Yes** ☒ **No** ☐

Program Change Request

Date Submitted: 11/13/23 3:00 pm

Viewing: **PS-BA : Physics: BA**

Last approved: 05/26/23 8:54 am

Last edit: 03/19/24 9:07 am

Changes proposed by: Karen Camarda (karen.camarda)

Catalog Pages Using
this Program

[Physics, BA](#)

Change Type [Significant](#)

Summarize Changes and Include Rationale Revised how degree requirements are displayed (matrix versus paragraph), and added that certain physics and astronomy courses would not count towards completion of Physics B.A. Also, due to the new general education requirements, students will now be required to complete a minor, certificate, or additional major. This will replace the general education credit hours that are no longer required and allow students to choose a complementary area of study.

General Information

Effective Catalog Edition 2024-2025

Department Physics and Astronomy

College College of Arts and Sciences

Division Natural Science & Mathematics

Degree Level Undergraduate

Program Title Physics: BA

Degree to be Offered Bachelor of Arts (BA)

Is this program offered completely online? [No](#)

Does this program lead to a teaching certification? No

Program Code PS-BA

Is this program an interdisciplinary program? No

CIP Code [400801 - Physics, General.](#)

Modality

Admission and Curriculum

Admission Criteria

Total Number of Semester Credit Hours for the Degree

Curriculum

In Workflow

1. Acad Ops
2. PS Chair
3. Library
4. NSM Chair
5. CA Dean
6. CFCCC Chair
7. Assoc Dean CFC
8. CA Assoc Dean
9. Governance Check
10. AA Committee
11. Faculty Senate
12. General Faculty
13. WUBOR
14. Final Acad Ops
15. Registrar

Approval Path

1. 11/13/23 3:11 pm
Beth O'Neill (beth.oneill):
Approved for Acad Ops
2. 11/13/23 9:01 pm
Karen Camarda (karen.camarda):
Approved for PS Chair
3. 11/14/23 7:25 am
Sean Bird (sean.bird):
Approved for Library
4. 11/17/23 3:30 pm
Andrew Herbig (andrew.herbig):
Approved for NSM Chair
5. 11/28/23 3:13 pm
Kelly Erby (kelly.erby):
Approved for CA Dean
6. 01/26/24 3:39 pm
Bruce Mactavish (bruce.mactavish):
Approved for CFCCC Chair
7. 02/13/24 9:42 am
Kelly Erby (kelly.erby):
Approved for Assoc Dean CFC
8. 03/05/24 9:57 pm
Kelly Erby (kelly.erby):
Approved for CA Assoc Dean
9. 03/06/24 9:17 am
Beth O'Neill (beth.oneill):
Approved for Governance Check

History

1. Apr 21, 2022 by
clmig-jwillging
2. Sep 30, 2022 by
Holly Broxterman
(holly.broxterman)
3. May 23, 2023 by
Holly Broxterman
(holly.broxterman)
4. May 23, 2023 by
Holly Broxterman
(holly.broxterman)
5. May 25, 2023 by
Holly Broxterman
(holly.broxterman)
6. May 26, 2023 by
Holly Broxterman
(holly.broxterman)

Degree Requirements

In addition to the requirements stated below, students must complete 34-35 hours of General Education, all requirements for a Bachelor of Arts degree, and any additional hours needed to reach the minimum 120 credit hours required for graduation. Some of the courses below may also fulfill general education or other degree requirements. Please see your advisor for more information.

In addition, all Physics (BA) majors must complete a minor, certificate, or additional major; students must declare this with the department that grants it.

Required Courses Inside Department ¹		
PS 103	Physics & Engineering Seminar I	<u>1</u>
PS 303	Physics & Engineering Seminar II	<u>1</u>
Other Physics Courses ^{2, 3}		<u>23</u>
Total Hours		25

¹
=
At least 6 hours of major courses in the Department must be taken in residence at Washburn University.

²
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At least 11 of the 23 hours must be upper division hours.

³
=
These hours cannot include credits in PS 101 Introduction to Physics, PS 120 Meteorology, PS 126 Physical Science for Elementary Educators, PS 131 Biological Physics for the Health and Life Sciences and PS 132 Biological Physics for the Health and Life Sciences Laboratory and AS 101 Introduction to Astronomy/Cosmology, AS 102 Introduction to Astronomy - Solar System and AS 103 Observational Astronomy.

~~Degree Requirements To major in Physics with a Bachelor of Arts Degree ,one must satisfactorily complete 25 hours in Physics, including PS 103 and PS303. At least 12 of the 25 hours must be upper division hours. At least 6 hours of major courses in the Department must be taken in residence at Washburn University. No more than one credit in PS 103 and one credit in PS 303 will count towards the major.~~

Pathway

Faculty Workload Analysis (describe how the course offering schedule and anticipated enrollments correlate to faculty lines)

Supplemental Files

Reviewer
Comments
Holly Broxterman (holly.broxterman) (03/19/24 9:07 am): Approved in 3/18/24 Academic Affairs Committee Meeting.