Cover Sheet: Request 14152

Astrophysics: Updated Tracking Semesters 6-8

Info

Process	Major Curriculum|Modify|Ugrad/Pro
Status	Pending at PV - University Curriculum Committee (UCC)
Submitter	Desika Narayanan desika.narayanan@ufl.edu
Created	8/23/2019 11:51:51 AM
Updated	11/21/2019 11:55:09 AM
Description of request	We are updating the tracking requirements to include semesters 6-8 for ATY

Actions

Step	Status	Group	User	Comment	Updated
Department	Approved	CLAS - Astronomy 011629000	Charles Telesco		8/23/2019
CLAS_BS_BA_Astro_Tracking_Plan_2018.docx					8/23/2019
College	Approved	CLAS - College of Liberal Arts and Sciences	Joseph Spillane		8/23/2019
No document changes					
Associate Provost for Undergraduate Affairs	Approved	PV - Associate Provost for Undergraduate Affairs	Casey Griffith		11/21/2019
No document changes					
University Curriculum Committee	Pending	PV - University Curriculum Committee (UCC)			11/21/2019
No document changes					
Office of the Registrar					
No document changes					
Student Academic Support System					
No document changes					
Catalog					
No document changes					
Academic Assessment Committee Notified					
No document changes					
College Notified					
No document changes					

Major|Modify_Curriculum for request 14152

Info

Request: Astrophysics: Updated Tracking Semesters 6-8
Description of request: We are updating the tracking requirements to include semesters 6-8 for ATY
Submitter: Desika Narayanan desika.narayanan@ufl.edu
Created: 8/22/2019 8:35:16 AM
Form version: 1

Responses

Major Name Astrophysics
Major Code ATY
Degree Program Name B.S./B.A.
Undergraduate Innovation Academy Program No
Effective Term Earliest Available
Effective Year Earliest Available
Current Curriculum for Major Semester One Credits
IDS 1161
What is the Good Life (Gen Ed Humanities) 3
MAC 2311
Analytic Geometry and Calculus 1 (Critical Tracking; State Core Gen Ed Mathematics) 4
Gen Ed Biological Sciences 3
State Core Gen Ed Composition; Writing Requirement 3
State Core Gen Ed Social and Behavioral Sciences 3
Credits 16
Semester Two
MAC 2312
Analytic Geometry and Calculus 2 (Critical Tracking) 4
PHY 2048
Physics with Calculus 1 (Critical Tracking; Gen Ed Physical Sciences) 3
PHY 2048L
Laboratory for Physics with Calculus 1 (Critical Tracking; Gen Ed Physical Sciences) 1
Gen Ed Biological Sciences 3
State Core Gen Ed Humanities 3
Credits 14
Semester Three
AST 3018
Astronomy and Astrophysics 1 (Critical Tracking) 3
MAC 2313
Analytic Geometry and Calculus 3 (Critical Tracking) 4
PHY 2049
Physics with Calculus 2 (Critical Tracking; Gen Ed Physical Sciences) 3
PHY 2049L
Laboratory for Physics with Calculus 2 (Critical Tracking; Gen Ed Physical Sciences) 1
Gen Ed Social and Behavioral Sciences3
Credits 14
Semester Four
AST 3019
Astronomy and Astrophysics 2 3
AST 3722C
Techniques of Observational Astronomy 1 3
Gen Ed Humanities 3
Gen Ed Social and Behavioral Sciences3

Elective3
Credits 15
Semester Five
AST course (3000/4000 level) 3
Elective (3000/4000 level, not in major) 3
Foreign language 3-5
Electives 6

Proposed Curriculum Changes CLAS
BS in Astrophysics & BA in Astronomy: Tracking Plan

Semester 1
- Complete MAC 1147 or MAC 2311
- 2.0 UF GPA required

Semester 2
- Complete MAC 2311
- 2.0 UF GPA required

Semester 3
- Complete MAC 2312, PHY 2048 and PHY 2048L with a 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4
- Complete MAC 2313, PHY 2049 and PHY 2049L with 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

UF freshmen and sophomores should take AST 3018 by semester 4
Semester 5
- 2.5 critical-tracking GPA with completion of AST 3018 or AST 3019 and 1 PHY course at the 3000/4000 level
- 2.0 UF GPA required

BS in Astrophysics
Semester 6
- Complete four 3000/4000 level courses in AST or PHY
- 2.0 UF GPA required

Semester 7
- Complete four 3000/4000 level courses in AST or PHY
- 2.0 UF GPA required

Semester 8
- Complete four 3000/4000 level courses in AST or PHY
- Complete MAP 2302
- 2.0 UF GPA required

BA in Astronomy
Semester 6
- Complete two 3000/4000 level courses in AST, PHY or other science courses approved by the major
- 2.0 UF GPA required

Semester 7
- Complete two 3000/4000 level courses in AST, PHY or other science courses approved by the major
- 2.0 UF GPA required

Semester 8
- Complete two AST 3000/4000 level courses
- Complete MAP 2302
- 2.0 UF GPA required

Model Semester Plan

Semester One Credits

IDS 1161
What is the Good Life (Gen Ed Humanities) 3
MAC 2311
Analytic Geometry and Calculus 1 (Critical Tracking; State Core Gen Ed Mathematics) 4
Gen Ed Biological Sciences 3
State Core Gen Ed Composition; Writing Requirement 3
State Core Gen Ed Social and Behavioral Sciences 3
Credits 16
Semester Two
MAC 2312
Analytic Geometry and Calculus 2 (Critical Tracking) 4
PHY 2048
Physics with Calculus 1 (Critical Tracking; Gen Ed Physical Sciences) 3
PHY 2048L
Laboratory for Physics with Calculus 1 (Critical Tracking; Gen Ed Physical Sciences) 1
Gen Ed Biological Sciences 3
State Core Gen Ed Humanities 3
Credits 14
Semester Three
AST 3018
Astronomy and Astrophysics 1 (Critical Tracking) 3
MAC 2313
Analytic Geometry and Calculus 3 (Critical Tracking) 4
PHY 2049
Physics with Calculus 2 (Critical Tracking; Gen Ed Physical Sciences) 3
PHY 2049L
Laboratory for Physics with Calculus 2 (Critical Tracking; Gen Ed Physical Sciences) 1
Gen Ed Social and Behavioral Sciences3
Credits 14
Semester Four
AST 3019
Astronomy and Astrophysics 2 3
AST 3722C
Techniques of Observational Astronomy 1 3
Gen Ed Humanities 3
Gen Ed Social and Behavioral Sciences3
Elective3
Credits 15
Semester Five
AST course (3000/4000 level) 3
Elective (3000/4000 level, not in major) 3
Foreign language 3-5
Electives 6
Credits 15-17
Semester Six
AST course (3000/4000 level) 3
Foreign language 3-5
Electives (3000/4000 level, not in major) 6
Elective3
Credits 15-17
Semester Seven
AST or PHY course or approved major course 3
Gen Ed Composition; Writing Requirement 3
Elective (or complete foreign language if 4-3-3 option) 3
Electives 6
Credits 15

Semester Eight
AST or PHY course or approved major course 3
Electives 13
Credits 16
Total Credits 120

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UF Online currciculum change No
Pedagogical Rationale/Justification We are including a semesters 6-8 critical tracking plan.
Impact on Enrollment, Retention, Graduation N/A
Assessment Data Review N/A
Academic Learning Compact and Academic Assessment Plan N/A

CLAS

BS in Astrophysics & BA in Astronomy: Tracking Plan

Semester 1

- Complete MAC 1147 or MAC 2311
- 2.0 UF GPA required

Semester 2

- Complete MAC 2311
- 2.0 UF GPA required

Semester 3

- Complete MAC 2312, PHY 2048 and PHY 2048L with a 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

Semester 4

- Complete MAC 2313, PHY 2049 and PHY 2049L with 2.5 GPA required for all critical-tracking courses
- 2.0 UF GPA required

UF freshmen and sophomores should take AST 3018 by semester 4

Semester 5

- 2.5 critical-tracking GPA with completion of AST 3018 or AST 3019 and 1 PHY course at the 3000/4000 level
- 2.0 UF GPA required

BS in Astrophysics

Semester 6

- Complete four 3000/4000 level courses in AST or PHY
- 2.0 UF GPA required

Semester 7

- Complete four 3000/4000 level courses in AST or PHY
- 2.0 UF GPA required

Semester 8

- Complete four 3000/4000 level courses in AST or PHY
- Complete MAP 2302
- 2.0 UF GPA required

BA in Astronomy

Semester 6

- Complete two 3000/4000 level courses in AST, PHY or other science courses approved by the major
- 2.0 UF GPA required

Semester 7

- Complete two 3000/4000 level courses in AST, PHY or other science courses approved by the major
- 2.0 UF GPA required

Semester 8

- Complete two AST 3000/4000 level courses

- Complete two AST 3000/4000 level courses
- Complete MAP 2302
- 2.0 UF GPA required

Model Semester Plan

Semester One	
IDS 1161	What is the Good Life (Gen Ed Humai
MAC 2311	Analytic Geometry and Calculus 1 (**Cr** Ed Mathematics)
Gen Ed Biological Sciences	
State Core Gen Ed Composition ; Writing Requirement	
State Core Gen Ed Social and Behavioral Sciences	
	Credits
Semester Two	
MAC 2312	Analytic Geometry and Calculus 2 (**Cr**
PHY 2048	Physics with Calculus 1 (**Critical Tra**
PHY 2048L	Laboratory for Physics with Calculus 1 Physical Sciences)
Gen Ed Biological Sciences	
State Core Gen Ed Humanities	
	Credits
Semester Three	
AST 3018	Astronomy and Astrophysics 1 (**Critic**
MAC 2313	Analytic Geometry and Calculus 3 (**Cr**
PHY 2049	Physics with Calculus 2 (**Critical Tra**
PHY 2049L	Laboratory for Physics with Calculus 2 Physical Sciences)
Gen Ed Social and Behavioral Sciences	
	Credits
Semester Four	
AST 3019	Astronomy and Astrophysics 2
AST 3722C	Techniques of Observational Astronom
Gen Ed Humanities	
Gen Ed Social and Behavioral Sciences	
Elective	
	Credits
Semester Five	
AST course (3000/4000 level)	
Elective (3000/4000 level, not in major)	
Foreign language	
Electives	
	Credits
Semester Six	
AST course (3000/4000 level)	
Foreign language	
Electives (3000/4000 level, not in major)	
Elective	
	Credits
Semester Seven	
AST or PHY course or approved major course	
Gen Ed Composition; Writing Requirement	
Elective (or complete foreign language if 4-3-3 option)	
Electives	
	Credits
Semester Eight	
AST or PHY course or approved major course	
Electives	
	Credits
	Total Credits

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