



— Introduction and Features —

What is FlightPath?

- Web-based academic advising & degree audit system for universities and schools
- Tracks student progress and advising history
- Students and advisers can “try out” other degrees on the fly
- Easy to learn, update, and use
- FERPA-compliant security and permissions system

Why do we need FlightPath?

- Improper advising leads to lower student graduation rates, lower retention rates
- Each adviser uses their own judgement when it comes to degree requirements, sometimes leading to mistakes
- Advisers can't be expected to remember curriculum changes across multiple catalog years for all of their advisees
- Pen-and-paper advisings cannot be easily accessed years later, any time of day or night

How does FlightPath address these issues?

- Accurate advisings directly impact retention rates
- Consistent, accurate advisings for every student, from every adviser
- No guesswork or interpretation of the catalog
- Advising histories can be viewed any time, day or night, from a simple web browser
- No excuses from students who do not take courses they were advised to take!

Features - Advising

- Simple advising screen
- Shows courses the student has completed, ones they are currently taking, and required courses they have not yet attempted
- Can **try out other degrees** to see how well a student's credits will fit in
- Elective groups are easy and intuitive to browse and select from
- Advisers can advise for the "current" term, and "future" terms-- planning out a student's complete path to graduation
- Substitutions, transfer eqv's, prereqs-- all handled easily and intuitively

The screenshot shows a web browser window displaying the flightpath.com advising interface. The user is logged in as John Doe. The interface includes a navigation menu with 'View' selected, a welcome message, and buttons for 'Display by Year', 'Display by Type', and 'Print'. The 'Student Details' section shows: Name: John Doe, CWID: 1007553, Major: Computer Science, Rank: Freshman, Catalog Year: 2012-2013, and Cumulative: 22 hrs. 3.21 GPA. Three progress charts are shown: 'Progress - Core Courses' (23% Complete, 10 / 43 hours), 'Progress - Major Courses' (14% Complete, 6 / 43 hours), and 'Progress - Degree' (16% Complete, 19 / 120 hours). Below these are four course lists for Freshman, Sophomore, Junior, and Senior years. Each list includes course numbers, hours, grades, and points, with checkboxes for selection and 'Click >> to select' links. The 'Completed hours' are 12 for Freshman, 4 for Sophomore, and 0 for Junior and Senior years.

Welcome John Doe (doejohn)! Today is Wed, August 7th, 2013. [Log out?](#)

[Display by Year](#) [Display by Type](#) [Print](#)

Student Details

Name: John Doe CWID: 1007553
Major: Computer Science Rank: Freshman
Catalog Year: 2012-2013 Cumulative: 22 hrs. 3.21 GPA

Progress - Core Courses **Progress - Major Courses** **Progress - Degree**

23% Complete (10 / 43 hours) 14% Complete (6 / 43 hours) 16% Complete (19 / 120 hours)

[hide charts](#)

Freshman Year

Course	Hrs	Grd	Pts
<input checked="" type="checkbox"/> CSCI 2000	3	A	12
<input checked="" type="checkbox"/> CSCI 2003	3	B	9
<input type="checkbox"/> CSCI 2026	3		
<input type="checkbox"/> MATH 1013	3		
<input checked="" type="checkbox"/> UNIV 1001	1	B ^{mid}	
<input checked="" type="checkbox"/> ENGL 1001	3	B	9
<input type="checkbox"/> Click >> to select 3 hours.			
<input checked="" type="checkbox"/> ART 1001	3	C	6
<input type="checkbox"/> Click >> to select 6 hours.			
<input type="checkbox"/> Click >> to select 3 hours.			

Completed hours: 12

Sophomore Year

Course	Hrs	Grd	Pts
<input checked="" type="checkbox"/> BIOL 1020	3	C	6
<input checked="" type="checkbox"/> BIOL 1021	1	B	3
<input type="checkbox"/> CSCI 2053	3		
<input type="checkbox"/> CSCI 2073	3		
<input checked="" type="checkbox"/> CSCI 2098	1		
<input type="checkbox"/> CSCI 3005	3		
<input type="checkbox"/> CSCI 3010	3		
<input type="checkbox"/> CSCI 3026	3		
<input type="checkbox"/> MATH 1031	4		
<input type="checkbox"/> Click >> to select 3 hours.			
<input type="checkbox"/> Click >> to select 3 hours.			

Completed hours: 4

Junior Year

Course	Hrs	Grd	Pts
<input type="checkbox"/> CINS 3040	3		
<input type="checkbox"/> CINS 3044	3		
<input type="checkbox"/> CSCI 3020	3		
<input type="checkbox"/> CSCI 3040	3		
<input type="checkbox"/> CSCI 4055	3		
<input type="checkbox"/> Click >> to select 3 hours.			

Senior Year

Course	Hrs	Grd	Pts
<input type="checkbox"/> BUSN 3005	3		
<input checked="" type="checkbox"/> CINS 3041	3		
<input checked="" type="checkbox"/> CINS 3045	3		
<input checked="" type="checkbox"/> CSCI 4011	3		
<input type="checkbox"/> CSCI 4012	3		
<input type="checkbox"/> CSCI 4060	3		

Features - Advising

- FlightPath easily handles all kinds of degree requirements
 - Prerequisites, co-requisites
 - Double-majors, concentrations, tracks, emphases, minors, etc
- Advisers can be warned before advising a student for a course not offered that term, or that they lack a prerequisite for
- Elective groups can be “smart”-- limiting a student’s choices based on previous coursework or advisings
- Advisers may leave comments & upload files, attached to a student’s record

Features - Advising

- May also be advised in “Type View”
- Requirements are displayed by Type
 - Ex: Core Requirements, Major Requirements, Supporting, Electives
- Completely configurable what to display
- Very helpful to make sure a student is staying on track

Core Requirements					
	Course	Hrs	Grd	Pts	
Freshman Year					
<input type="checkbox"/>	MATH 1013	3			
<input checked="" type="checkbox"/>	UNIV 1001	1	B ^{mid}		
<input checked="" type="checkbox"/>	ENGL 1001	3	B	9	
	Click >> to select 3 hours.				
<input checked="" type="checkbox"/>	ART 1001	3	C	6	
	Click >> to select 6 hours.				
	Click >> to select 3 hours.				
Sophomore Year					
<input checked="" type="checkbox"/>	BIOL 1020	3	C	6	
<input checked="" type="checkbox"/>	BIOL 1021	1	B	3	
<input type="checkbox"/>	MATH 1031	4			
	Click >> to select 3 hours.				
	Click >> to select 3 hours.				
Junior Year					
	Click >> to select 8 hours.				
Completed hours: 10					

Supporting Requirements					
	Course	Hrs	Grd	Pts	
Junior Year					
<input type="checkbox"/>	CINS 3040	3			
<input type="checkbox"/>	CINS 3044	3			
	Click >> to select 3 hours.				
	Click >> to select 4 hours.				
Senior Year					
<input type="checkbox"/>	BUSN 3005	3			
<input checked="" type="checkbox"/>	CINS 3041	3			
<input checked="" type="checkbox"/>	CINS 3045	3			
<input type="checkbox"/>	ENGL 3022	3			
<input type="checkbox"/>	MATH 3003	3			
	Click >> to select 3 hours.				

Major Requirements					
	Course	Hrs	Grd	Pts	
Freshman Year					
<input checked="" type="checkbox"/>	CSCI 2000	3	A	12	
<input checked="" type="checkbox"/>	CSCI 2003	3	B	9	
<input type="checkbox"/>	CSCI 2026	3			
Sophomore Year					
<input type="checkbox"/>	CSCI 2053	3			
<input type="checkbox"/>	CSCI 2073	3			
<input checked="" type="checkbox"/>	CSCI 2098	1			
<input type="checkbox"/>	CSCI 3005	3			
<input type="checkbox"/>	CSCI 3010	3			
<input type="checkbox"/>	CSCI 3026	3			
Junior Year					
<input type="checkbox"/>	CSCI 3020	3			
<input type="checkbox"/>	CSCI 3040	3			
<input type="checkbox"/>	CSCI 4055	3			
Senior Year					
<input checked="" type="checkbox"/>	CSCI 4011	3			
<input type="checkbox"/>	CSCI 4012	3			
<input type="checkbox"/>	CSCI 4060	3			
Completed hours: 6					

Electives					
	Course	Hrs	Grd	Pts	
Senior Year					
<input checked="" type="checkbox"/>	FINA 3001	3	C	6	
Completed hours: 3					

Features - Course Catalog

- Keeps track of course titles, descriptions, hours, prereq's, eqv's, etc.
- Can display anticipated course availability-- even limit advising based on if a course is offered for that term
- Supports a sample syllabi per course, so students (and prospective students) can see what a course requires before enrolling
- Tracks changes to courses for each catalog year

Accounting [change]

View courses offered:

ACCT 1010 - Accounting Survey - 3 hrs.
Fundamental principles and managerial applications; data processing. Designed to meet the needs of students majoring in subjects outside the College of Business Administration. Not open to majors in the College of Business Administration. F, Sp
Anticipated availability: May '12, Spr '12, Win '12, Sum1 '12, Sum2 '12, Fall '12 | [«less](#)

Year	Spring	May	Summer 1	Summer 2	Fall	Winter
2012	✓	✓	✓	✓	✓	✓
2013					✓	
2014						
2015	✓				✓	
2016	✓			✓		

ACCT 2012 - Introductory Financial Accounting - 3 hrs.
Fundamental transaction recognition and recording for corporations with special emphasis on the balance sheet and income statement. Prerequisites: Completion of all developmental requirements and sophomore standing, or permission of department head.
Anticipated availability: May '12, Fall '11, Spr '12, May '13, Fall '12, Spr '13 | [more»](#)

ACCT 2013 - Introductory Managerial Accounting - 3 hrs.
Cash flow and financial statement analysis and fundamental managerial accounting principles related to product costing and use of information in organizational decision-making. Prerequisite: 2012. F, Sp, Sum
Anticipated availability: Fall '11, Spr '12, Sum1 '12, Fall '12, Spr '13, Sum1 '13 | [more»](#)

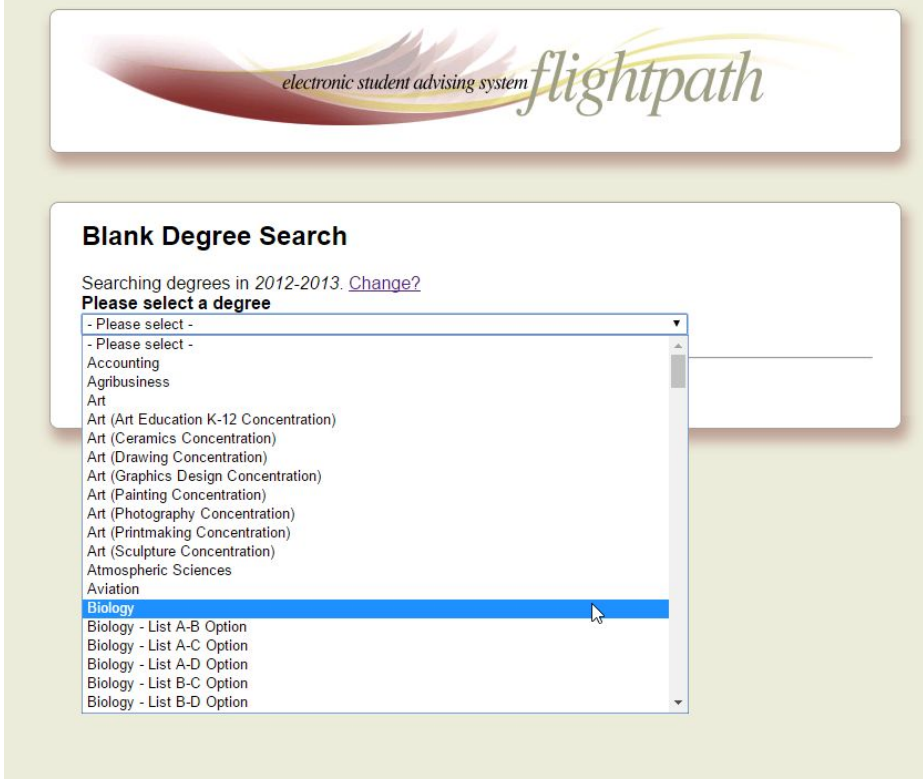
ACCT 3007 - Technology for Accountants - 3 hrs.
The integration of basic software programs into the accounting curriculum and the use of typical accounting software programs to reinforce accounting concepts in an interactive case setting. Not applicable to a major or minor in Finance. Prerequisites: minimum grades of "C" in ACCT 2013 and CSCI 1070, and junior standing. F, Sp
Anticipated availability: Fall '11, Spr '12, Fall '12, Spr '13 | [more»](#)

ACCT 3008 - Accounting Information Systems - 3 hrs.
Identification of distinct information systems knowledge required by accountants. Survey of effect of computers on accounting systems. Analysis of internal controls and cycles of accounting systems, both manual and computer. Prerequisites: 2013, CSCI 1070. F, Sp
Anticipated availability: Fall '11, Spr '12, Fall '12, Spr '13 | [more»](#)

ACCT 3010 - Intermediate Financial Accounting I - 3 hrs.
First in a two-course sequence intended to study the theory and application of financial reporting for business entities. Prerequisites: minimum grades of "B" in 2012 and 2013 and junior standing. F, Sp, Sum
Anticipated availability: Fall '11, Spr '12, Sum1 '12, Fall '12, Spr '13, Sum1 '13 | [more»](#)

Features - Degree Search

- Similar to Course Search
- Keeps track of all degrees throughout catalog year changes
- May be accessed by prospective students-- a huge recruitment opportunity!



The screenshot displays the 'flightpath' electronic student advising system interface. At the top, the logo features a stylized wing graphic with the text 'electronic student advising system' and 'flightpath'. Below the logo, the page title is 'Blank Degree Search'. Underneath, it says 'Searching degrees in 2012-2013. [Change?](#)'. A dropdown menu is open, titled 'Please select a degree', showing a list of degree options. The 'Biology' option is currently selected and highlighted in blue. The list includes:

- Please select -
- Please select -
- Accounting
- Agribusiness
- Art
- Art (Art Education K-12 Concentration)
- Art (Ceramics Concentration)
- Art (Drawing Concentration)
- Art (Graphics Design Concentration)
- Art (Painting Concentration)
- Art (Photography Concentration)
- Art (Printmaking Concentration)
- Art (Sculpture Concentration)
- Atmospheric Sciences
- Aviation
- Biology**
- Biology - List A-B Option
- Biology - List A-C Option
- Biology - List A-D Option
- Biology - List B-C Option
- Biology - List B-D Option

Features - Transfer Search

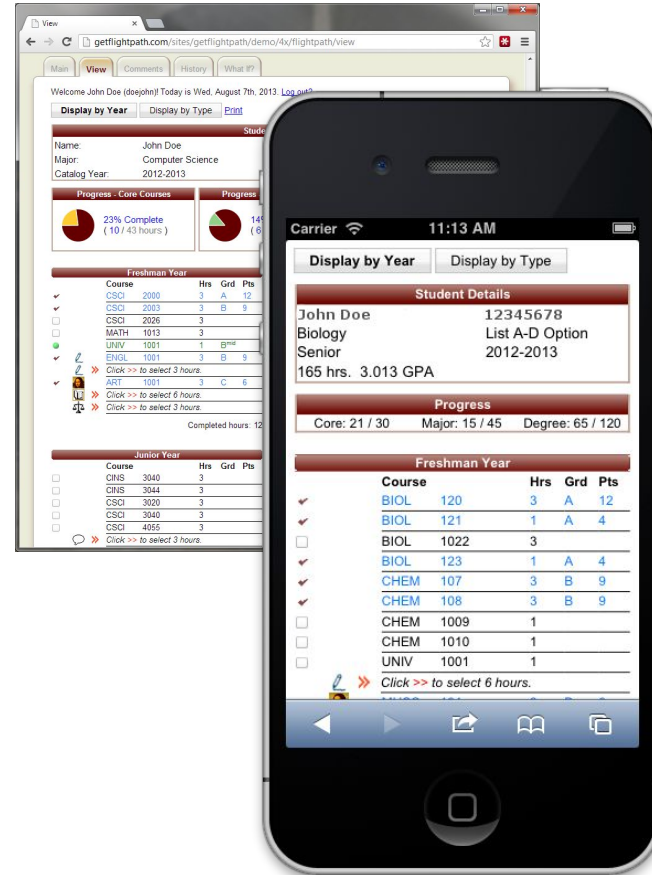
- FlightPath can even let prospective students from **other schools** see how their credits would fit into your degrees!
- This is another huge opportunity for recruitment
- This tool is simple to use, easy to set up

Tip: Mark the checkboxes next to the transfer courses, then click the 'Try out degrees' button at the bottom of the page to see how these courses fit into a degree!

TRANSFER UNIVERSITY XYZ			YOUR UNIVERSITY		
Transfer course	Course title	Local course	Course title	Hrs	
<input type="checkbox"/> ACCT 201	INTRO FINANCIAL ACCOUNTING	ACCT 2030	INTRO FINANCIAL ACCOUNTING	3	
<input type="checkbox"/> ACCT 202	MANAGERIAL ACCOUNTING	ACCT 2020	INTRO MANAGERIAL ACCOUNTING	3	
<input type="checkbox"/> ACCT 211	HONORS INTRO TO FINANCIAL ACCT	ACCT 2030	INTRO FINANCIAL ACCOUNTING	3	
<input type="checkbox"/> ACCT 212	HONOR INTRO TO MANAGERIAL ACCT	ACCT 2020	INTRO MANAGERIAL ACCOUNTING	3	
<input type="checkbox"/> ACCT 300	FUNDAMENTALS OF TAXATION	ACCT 3XXX	FUND OF TAXATION (non-mjr)	3	
<input type="checkbox"/> ACCT 301	INTERMEDIATE ACCOUNTING I	ACCT 3XXX	INTERMEDIATE ACCOUNTING I	3	
<input type="checkbox"/> ACCT 302	INTERMEDIATE ACCOUNTING II	ACCT 3XXX	INTERMEDIATE ACCOUNTING II	3	
<input type="checkbox"/> ACCT 303	INTERMEDIATE ACCOUNTING III	ACCT 3XXX	INTERMEDIATE ACCOUNTING III	3	
<input type="checkbox"/> ACCT 305	MANAGERIAL COST ACCOUNTING	ACCT 3020	COST ACCOUNTING	3	

Features - Accessibility

- Works for all major web browsers
 - IE, Firefox, Chrome, Safari
- Desktop, tablet, and mobile-friendly
 - Easily integrates into a school's mobile app
- Includes templates for easy branding with custom colors & logos
- Easily translated into other languages



Other (More Technical) Features

- FlightPath has so many features it is difficult to list them all
- Among the more technical features:
 - Operates with world-leading web server, database, and programming platforms
 - Logins may be handled through LDAP or internally
 - Grades, courses, etc., can be easily read in from other sources outside of FlightPath
 - Easy integration with Banner (with more student data systems coming soon)
 - Source code is Open Source, GNU version 3.0
 - Designed to be easily modified with add-on modules, to handle “weird” situations in curricula
 - Student file uploads are encrypted, and a robust security/access system ensures FERPA compliance

Thank You!

Your time is important, and we
appreciate your interest in
FlightPath

For more information on hosted
options for your school,
please visit:

<http://airborneacademics.com>

The open-source community version of FlightPath
is available at <http://getflightpath.com>
