

January 18, 2013:

Degree Compass: A Course Recommendation System

Tristan Denley, Provost Austin Peay State University Clarksville, Tennessee



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www.crlt.umich.edu/slam

Predictive Analytics and Bespoke Curricula

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Course Suggestions for You from THE Gov:

You may not need to take all of the courses listed to graduate but each of the courses listed satisfies one of your degree requirements. When several courses might satisfy a degree requirement, the rating and projected grade may be helpful in selecting which course to choose. Please consult your Advisor or degree evaluation for specific program requirements.

Your Major: Business with concentrations in General Business and Management

Your Advisor: None



COURSE SUGGESTION TO

Category View

Highest Rated

AREA: General Business Concentration

GROUP RATING	TITLE	CO-REQUISITE	AVAILABILITY
企业企业 企	ACCT 2010 - Principles of Accounting I 📍		View Sections
**********	BLAW 3300 - Soc Legal and Pol Environ		View Sections
自由自由自由	MGT 3010 - Prin Mgt and Org Behavior		View Sections
企业企 企业	ACCT 2020 - Principles of Accounting II 📍		View Sections
会会会会会	MKT 3010 - Principles of Marketing		View Sections
自由自由自由	BLAW 3210 - Business Law I		View Sections
自由自由自由	BLAW 3220 - Business Law II		View Sections
自由自由自由	MIS 4100 - Management Info System		View Sections
自由自由自由	MGT 4810 - Strategic Manangement		View Ser
金金金金金	FIN 3010 - Principles of Finance		View 😝
	70000 0 0 0		Q



SUNGARD BANNER





- Global centrality
- Major centrality
- Grade prediction



Physics Key Classes

Semester 1

PHYS 2110

PHYS 2111

MATH 1910

Semester 2

PHYS 2120

PHYS 2121

MATH 1920

Semester 3

PHYS 3550

MATH 2110

CSCI 2000

Semester 4

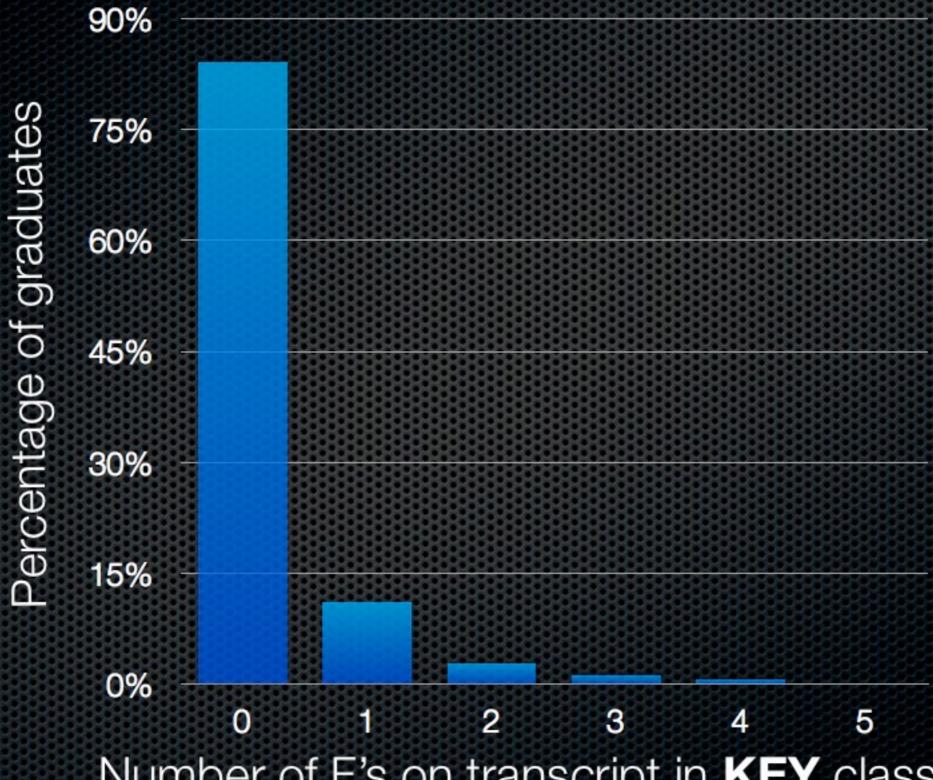
PHYS3005

PHYS 3700

MATH 3110



Graduates' Transcript Analysis



Number of F's on transcript in **KEY** classes



- Global centrality
- Major centrality
- ****** Grade prediction

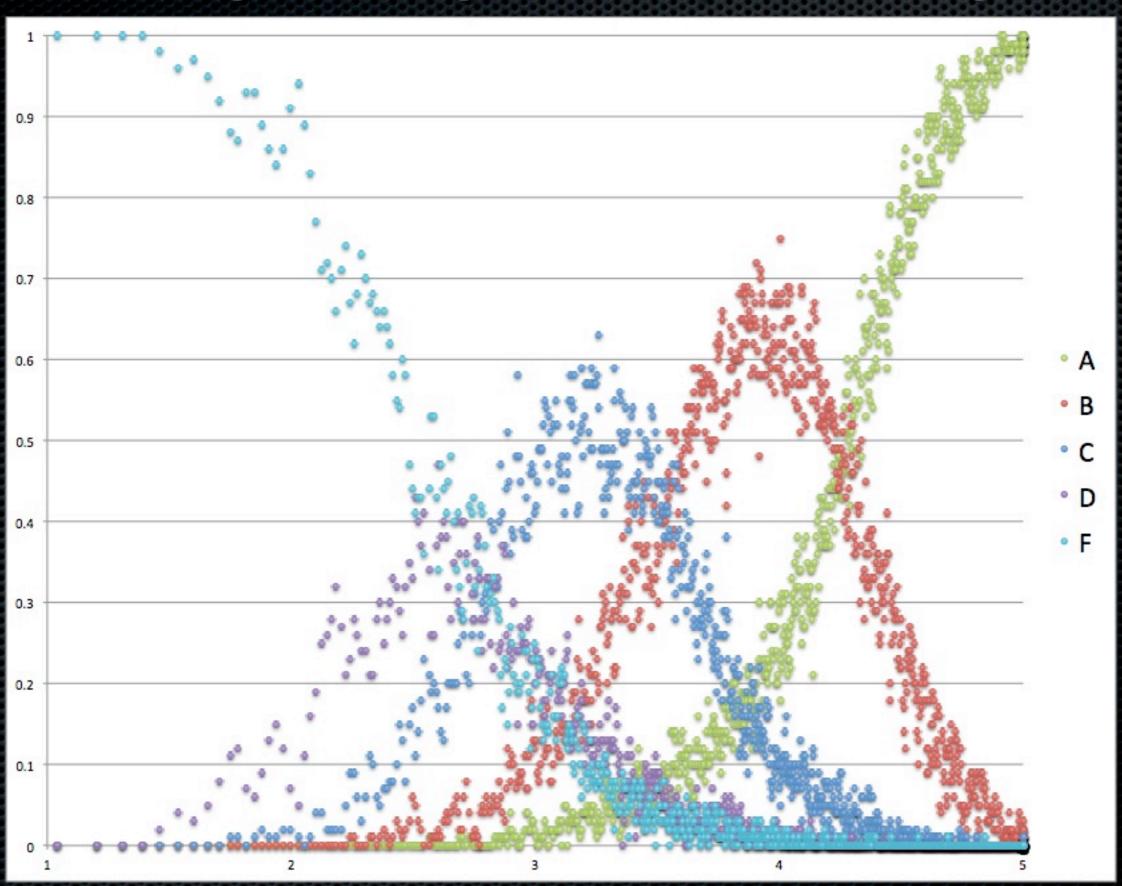
GRADE PREDICTIONS

Predicts grades to within
 0.6 of a letter grade on average

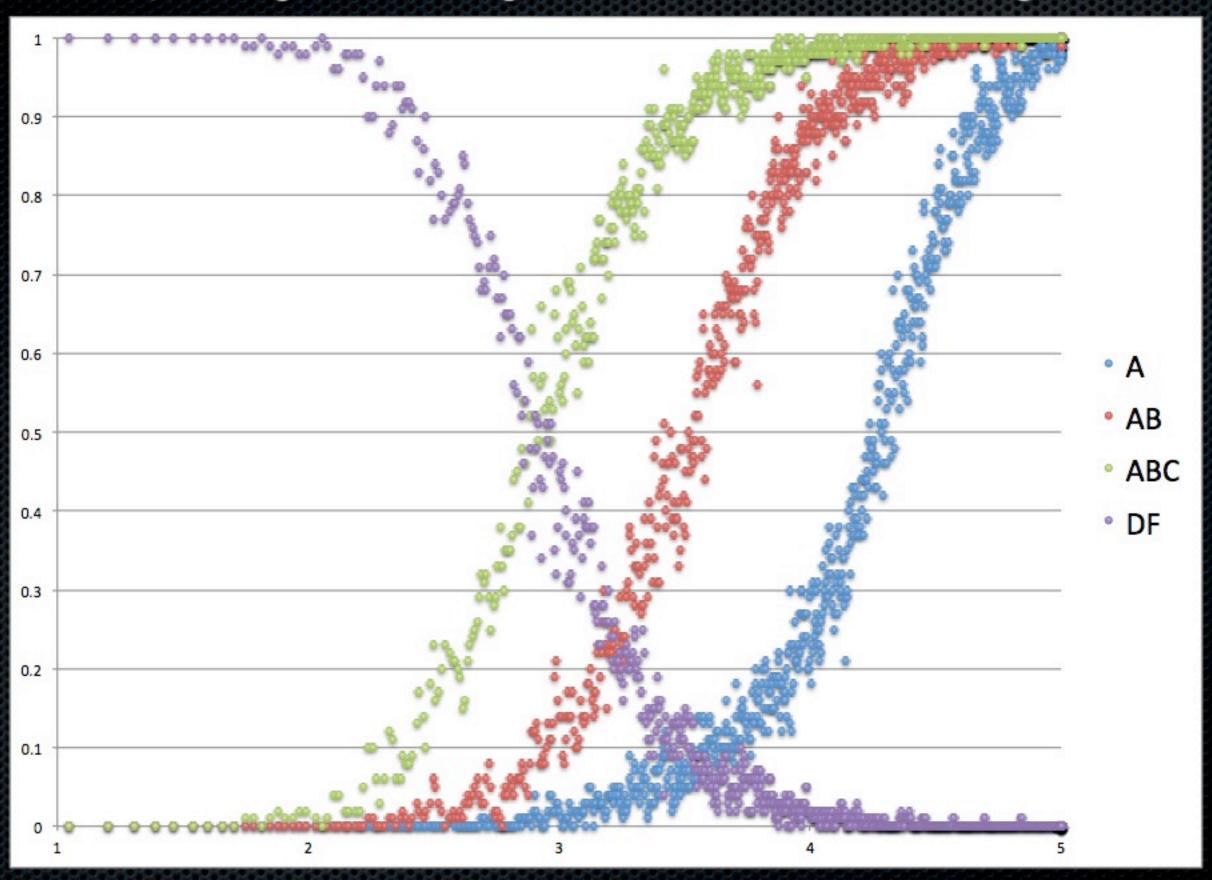
Correctly distinguishes
 whether a student will earn
 an ABC or DF 92% of the
 time



Comparing actual grades to predicted grades



Comparing actual grades to predicted grades





- ****** Global centrality
- Major centrality
- Grade prediction

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☆☆☆☆ BLAW	2010 - Principles of Accounting I ? / 3300 - Soc Legal and Pol Environ 3010 - Prin Mgt and Org Behavior	View Section
		View Secure
☆☆☆☆ MGT	3010 - Prin Mgt and Org Behavior	
HANGE		View Section
☆☆☆☆☆ ACCT	2020 - Principles of Accounting II 🚏	View Section
会会会会会 MKT:	3010 - Principles of Marketing	View Section
会会会会 BLAW	/ 3210 - Business Law I	View Section
会会会会 BLAW	/ 3220 - Business Law II	View Section
会会会会会 MIS 4	100 - Management Info System	View Section
☆☆☆☆☆ MGT	4810 - Strategic Manangement	View Section
企会企会会 FIN 3	010 - Principles of Finance	View Secr

Spring Term I 2011 - Ft Campb

١.															
	Available	Class Section	Class CRN	Instructor	Credit Hours	Time	Days	Campus	Location	Instructional Method	Start Date	End Date	Capacity		Seats Filled
	Available	50	108	Esquiin, June	3	08:30 am - 11:00 am	MW	Austin Peay Ctr at Ft Campbell	FC Education Center 1110	Conventional Methodology	01/08/2011	03/04/2011	30	21	9
	Available	51	109	Carver, Sylvia	3	08:30 am - 11:00 am	TR	Austin Peay Ctr at Ft Campbell	FC Education Center 1110	Conventional Methodology	01/08/2011	03/04/2011	30	9	21
	√ Available	58	110	Scudder, William	3	07:30 pm - 10:00 pm	MW	Austin Peay Ctr at Ft Campbell	FC Education Center 1110	Conventional Methodology	01/08/2011	03/04/2011	30	22	8
	X Unavailable	WIA	111	Brecking, Molly	3	TBA - TBA	TBA	Austin Peay Ctr at Ft Campbell	TBA	WEB- Asynchronous	01/08/2011	03/04/2011	30	0	30
•	√ Available	W2A	112	Repass, Deidre	3	TBA - TBA	TBA	Austin Peay Ctr at Pt Campbell	TBA	WEB- Asynchronous	01/08/2011	03/04/2011	30	5	25
	√ Available	56	238	Scudder, William	3	04:45 pm - 07:15 pm	MW	Austin Peay Ctr at Pt Campbell	FC Education Center 1110	Conventional Methodology	01/08/2011	03/04/2011	30	21	9

Spring Semester 2011

COURSE SUGGESTION

	Available	Class Section	CRN	Instructor	Credit Hours	Time	Days	Campus	Location	Instructional Method	Start Date	End Date	Capacity		Filled
	Available	00	1642	Mointosh, Joann	3	06:55 am - 07:50 am	WWF	Austin Peay, Main Campus	Music Mass Comm Bidg 237	Conventional Methodology	01/13/2011	05/06/2011	40	13	27
	Available	01	1643	Zyko, Jeanette	3	08:00 am - 08:55 am	MWF	Austin Peay, Main Campus	Music Mass Comm Bidg 237	Conventional Methodology	01/13/2011	05/06/2011	40	4	36
U	XUnavailable	06	1645	Ritter, Michael	3	09:35 am - 11:00 am	TR	Austin Peay, Main Campus	Music Mass Comm Bldg 237	Conventional Methodology	01/13/2011	05/06/2011	40	0	40
	XUnavailable	11	1648	Carver, Sylvia	3	01:25 pm - 02:20 pm	SINF	Austin Peay, Main Campus	Music Mass Comm Bidg 237	Conventional Methodology	01/13/2011	05/06/2011	40	0	40
	Xuravailable		1648	Steffen, Richard	3	12:20 pm - 01:15 pm	MWF	Austin Peay, Main Campus	Music Mass Comm Bldg 237	Conventional Methodology	01/13/2011	05/06/2011	40	-1	41



Course Suggestions for You from THE Gov:

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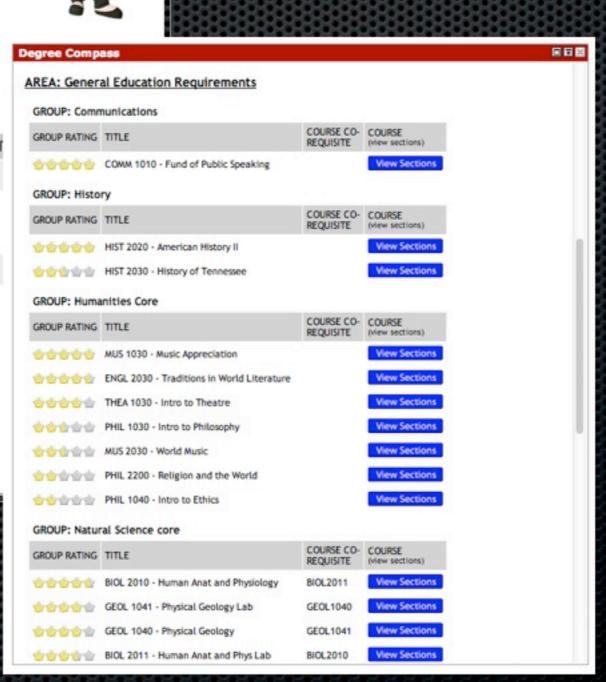
Your Advisor: None

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Highest Rated

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企业企 企企	FIN 3010 - Principles of Finance	



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Your Major: Business with concentrations in General Business and Management Your Advisor: Grimmett, David R.

Category View

Highest Rated



GROUP RATING	TITLE	COURSE CO- REQUISITE	COURSE (view sections)
****	BLAW 3300 - Soc Legal and Pol Environ	View Sections	
****	ACCT 2020 - Principles of Accounting II	View Sections	
****	MKT 3010 - Principles of Marketing	View Sections	
****	MGT 3010 - Prin Mgt and Org Behavior	View Sections	
****	FIN 3010 - Principles of Finance	View Sections	
****	BLAW 3210 - Business Law I	View Sections	
****	MIS 4100 - Management Info System	View Sections	
****	MGT 4810 - Strategic Manangement	View Sections	
****	BLAW 3220 - Business Law II	View Sections	
****	DSCI 3410 - Production Operations Mgmt	View Sections	

AREA: General Education Requirements

GROUP: Communications

COURSE CO. COURSE





CHEM 3510 Organic Chemistry 4 CHEM 3520 Organic Chemistry 4 CHEM 3530 Physical Chemistry 4 CHEM 3630 Physical Chemistry 4 CHEM 1630 Physical Chemistry 4 CHEM Chemistry Elective 4 CHEM Chemistry Elective 4 Credit Hours FORENSIC CHEMISTRY MINOR 29 This minor is designed to meet the minimum requirements for a student to attend a graduate program in forensic science or to apply for a position in a forensic science laboratory (although each program may have additional requirements).

204 College of Science and Mathematics

CHEM 1110 General Chemistry CHEM 1120 General Chemistry CHEM 3210 Quantitative Analysis CHEM 3700 Forensic Science CHEM 3220 Instrumental Analysis CHEM 3440 Inorganic Chemistry CHEM 3500 Brief Organic Chemistry CHEM 3510 Organic Chemistry BIOL 3940 Fundamentals of Clinical Analysis BIOL 4450

CHEMISTRY - Teaching (B.S.)

Students who complete the prescribed courses are eligible to become licensed to teach chemistry and general science in grades 7-12. (Student teaching is required for licensure.) An additional science endorsement may be obtained with advisor approval.

ACCREDITATION

The Chemistry Department received accreditation by the American Chemical Society (ACS) in 1991 and continues its commitment to maintaining this accreditation.

General Educ University-Wid	41	
	ion Major Requirements General Chemistry	33-37
	General Chemistry	5



These recommendations increase flexibility and awareness of alternatives as part of an advising conversation, whilst helping students make plans for the future.

THE DATA SO FAR...

- •7% more students make an A or B in recommended courses than in courses not recommended to them.
- •ABC% in Fall 2012 courses **5.3SD higher** than Fall 2010 courses campus-wide.
- •ABC% in Fall 2012 courses 7.7SD higher than Fall 2010 for Pell Grant recipients.



BILL & MELINDA GATES foundation

COMPLETE COLLEGE AMERICA













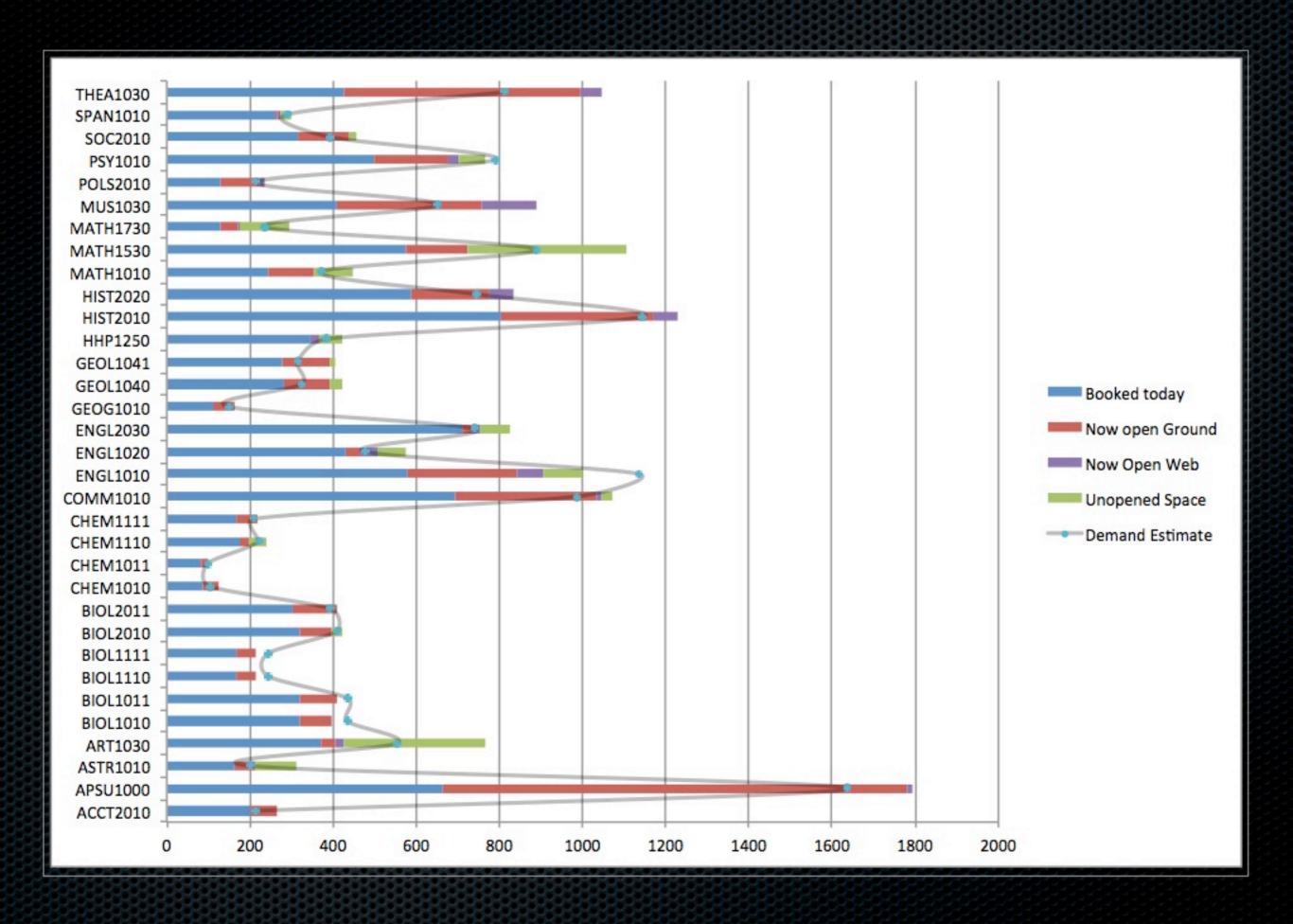




Schedule Building is Critical

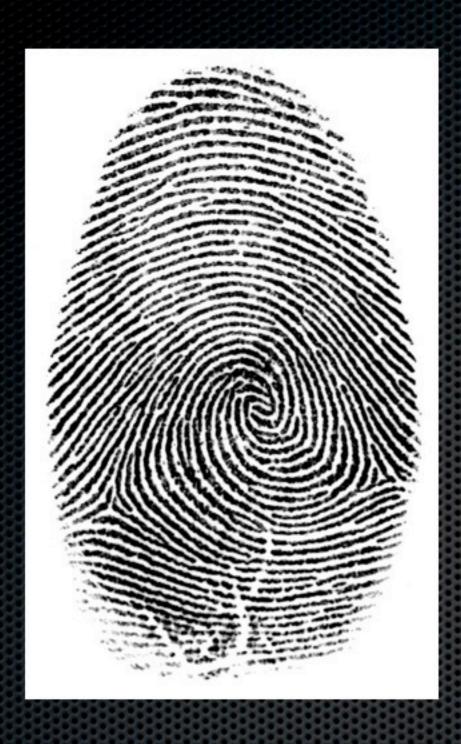
Students should take the courses they **need** not what's left over







WHAT ABOUT MAJORS?



Fingerprint Courses capture the distinctive flavour of each major







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November 6, 2012

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My Major

Other Majors

Business ***

Our undergraduate Bachelor of Business Administration (B.B.A.) program is designed to build your academic knowledge and practitioner experience. You can choose one of the seven academic concentrations: accounting, economics, finance, general business, international management, management, or marketing. To take you beyond the classroom and the textbook, we encourage networking and professional relationship development through internships in organizations and businesses. The College's student organizations (Sigma Beta Delta honor society, Alpha Kappa Psi professional fraternity, and the Institute for Management Accountants) create opportunities to hear and meet regional business leaders. The College's Business Advisory Board opens doors in Nashville and the Southeast United States through our successful and engaged alumni.

Whom Do I Contact?

Department: Accounting Finance and Econ

http://www.apsu.edu/business

Chair: William Rupp Phone: (931)221-7674

Campus Location: Kimbrough 104

What Jobs Would I Be Qualified For?

- Business Teachers, Postsecondary
- Public Relations Specialists
- Copy Writers
- Sales Agents, Securities and Commodities
- · Bookkeeping, Accounting, and **Auditing Clerks**
- Advertising and Promotions Managers
- Marketing Managers
- Treasurers and Controllers
- · Financial Managers, Branch or Department
- Training and Development Managers
- Market Research Analysts and Marketing Specialists
- Accountants
- Auditors
- Budget Analysts
- Financial Analysts
- Financial Examiners

Degree Options in Business

- General Business
- · International Management
- Management
- Marketing

Four-Year Curriculum Plans







Everything you need...one stop.

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My Major

Other Majors

Recommended Majors

Special Education



The Special Education major (K-12 Comprehensive and Modified) requires the Professional Education minor for students who seek teacher licensure. If teacher licensure is not desired, the education minor must be chosen. Contact College of Education for availability of non-licensure program.

Agriculture



The Department of Agriculture at Austin Peay State University is part of the College of Science and Mathematics. The department, including faculty offices and classrooms, is housed in the Sundquist Science Complex. The department currently has three fulltime faculty members and three adjunct faculty members, with approximately 130 agriculture majors including those in the pre-professional programs. The department oversees the 475-acre Environmental Education Center, which is located three miles... Read more

Art



The Department of Art's vision is to provide a structured, creative environment that enables students to ask questions, solve problems, and take risks as they gain the knowledge, skills, and attitudes for a meaningful and productive life as global citizens.













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http://www.apsu.edu/academic-affairs/ degree-compass-and-my-future