

### Taking the "Project" out of Enrollment Projections: Simple Ways to Plan Effectively

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You might be attending this session if you... are responsible for predicting enrollment. are interested in enrollment modeling. OR This was the best session available in this time slot.



#### Forecasting

 Enrollment and tuition revenue forecasting are important elements of institutional planning.





#### Forecasting



- Traditional methodologies are long range.
  - Not precise or timely
- Need new models which are sensitive to immediate change.
- Access to current data is necessary.



# Accurate forecasting allows institutions to:

- adapt
- accommodate
- utilize
- maximize



#### Enrollment & Budget: Dual Demand

 Forecasting enrollments and predicting tuition revenues can help create a balanced budget when costs increase and budget cuts are imminent.





### Building the Budget

#### HIGH Risk for Unbalanced Budget

Expenditure\$

#### LOW Risk for Unbalanced Budget

**Revenue**\$



### Budget Impact

- Feeds into budget model to predict dollars
- Presented at Planning and Budget Council which determines distribution (or cuts) of funds



#### Framework

 As enrollment trends vary across institutions (Pascarella & Terenzini, 2005), a one-size-fits-all projection approach is not feasible.



#### Framework

 The economic downturn further strengthened the point that enrollment is affected by a variety of factors as enrollment growth for Fall 2009 was not consistent with expected or historical data.





#### Framework



• "As the number of college applicants and applications have gone up, many colleges have seen other things go down, including their acceptance rates, their "yield" rates, and their confidence in predicting enrollment outcomes" (Hoover, 2009), suggesting old enrollment modeling will not suffice.

# STATE

#### Purpose

 The purpose of this presentation is to provide institutions with a *simple method of predicting enrollment* based on institution-specific factors that the entire campus community can understand.





### Prior to Projection Model

- Number based on historical data
  - "Enrollment has increased in the last 3 years by 3%, it will next year."
- This is method is risky in an uncertain and changing environment.





# Enrollment Projection Model 1



#### **Class Progression**





#### Development of Projection Model First model:

- The first model focused only on total enrollment.
- Based on the number of students registered per day compared to total end of term registration.

Undergraduate								
Day	2005	2006	2007	2008				
Registration 2	8,166	8,493	8,807	8,967				
Registration 3	8,275	8,590	8,867	9,021				
Registration 4	8,339	8,636	8,927	9,063				
Registration 5	8,365	8,678	8,990	9,089				
Registration 6	8,375	8,708	9,033	9,125				
Registration 7	8,391	8,729	9,071	9,200				
Registration 8	8,717	9,044	9,068	9,197				
Registration 9	NA	NA	9,065	9,197				
Registration 10	NA	NA	9,062	9,162				
UG Total	9,093	9,489	9,728	9,708				



#### **Development of Projection Model**

Dividing the number of undergraduate students registered at a point in time by the total number of undergraduate students creates a factor indicating distance from final enrollment.

#### Fall 2008





#### Development of Projection Model This model applied the previous Fall term factor for a particular day to the corresponding day in the upcoming term.

Undergraduate		Factors	2009
Day	2009	2008	Projected
Registration 2	9,177	1.08	9,935
Registration 3	9,241	1.08	9,945
Registration 4	9,287	1.07	9,948
Registration 5	9,322	1.07	9,957
Registration 6	9,366	1.06	9,964
Registration 7	9,368	1.06	9,885
Registration 8	9,400	1.06	9,922
Registration 9	9,413	1.06	9,936
Registration 10	9,416	1.06	9,977

Note: factors are shown to 2 decimals for demonstration purposes.



### Model 1: Registration Day 2

Undergraduate Projection - as of Registration Day 2							
Students	Factor	Projected	Fall 2008	%			
Registered	Used	Enrollment	Enrollment	Increase			
9,177	1.08	9,935	9,708	2.3%			

Graduate	Graduate Projection - as of Registration Day 2								
Students	Factor	Projected	Fall 2008	%					
Registered	Used	Enrollment	Enrollment	Increase					
906	2.15	1,945	1,782	9.2%					

Total Enrollment							
Projection - as of Registration Day 2							
Students Registered	Projected Enrollment	Fall 2008 Enrollment	% Increase				
10,083	11,881	11,490	3.4%				

Accuracy: within 4.3% of total enrollment (12,391)



### Model 1: Registration Day 15

Undergradua	Undergraduate Projection - as of Registration Day 15							
Students	Factor	Projected	Fall 2008	%				
Registered	Used	Enrollment	Enrollment	Increase				
9,408	1.07	10,111	9,708	4.2%				

Graduate F	Graduate Projection - as of Registration Day 15							
Students Registered	Factor Used	Projected Enrollment	Fall 2008 Enrollment	% Increase				
1,229	1.61	1,975	1,782	10.8%				

Total Enrollment							
Projection - as of Registration Day 15							
Students Registered	Fall 2008 Enrollment	% Increase					
10,637	12,086	11,490	5.2%				

Accuracy: within 2.5% of total enrollment (12,391)



# Enrollment Projection Model 2



### Need to Revise Projection Model

- The first model focused only on total enrollment.
- Revising the model allowed us to break out new freshmen from returning students and undergraduate from graduate students.





### **Revision of Projection Model**

#### Factors added:

- Five years of Fall term data:
  - Count of admission applications
  - Count of admitted students accepted
  - Count of Orientation registrations





#### **Class Progression**





### Predicting New Freshmen

To predict the number of new freshmen we used the following elements:

- Number of new freshmen accepted (Admissions)
- Number of new freshmen accepted in previous years (Admissions)
- Number of new freshmen attending Orientation (Student Affairs) (used to create a separate projection calculation)





From this information a matrix of weeks was created to align the data across the multiple years.

	New Freshman Accepted										
ACCEPTED	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010				
6/15	3,332	3,673	3,761	3,674	4,383	4,882	5,182				
6/1	3,251	3,605	3,676	3,532	4,250	4,744	5,027				
5/15	3,200	3,556	3,640	3,452	4,160	4,626	4,951				
4/30	3,142	3,489	3,512		3,998	4,522	4,811				
4/15	2,992	3,388	3,384		3,830	4,310	4,662				
3/31	2 <i>,</i> 895	3,237	3,271	3,109	3,657	4,117	4,431				
3/15	2,751	3,092	3,067	2,877	3,417	3,863	4,146				
2/27	2,558	2,860	2,881	2,534	3,121	3,569	3,790				
2/13	2,318	2,592	2,616	2,263	2,810	3,214	3,405				
Final Total	1,839	1,875	2,119	2,117	2,171	2,529	?				



Using previous terms' data, historic factors are calculated for a particular day by dividing the total for the term by the point in time cumulative total.

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new	7	New Freshman Accepted									
Freshmen total as of		Fall 2010	Fall 2009	Fall 2008	Fall 2007	Fall 2006	Fall 2005	Fall 2004	ACCEPTED		
6/15		5,182	4,882	4,383	3,674	3,761	3,673	3,332	6/15		
		5,027	4,744	4,250	3,532	3,676	3,605	3,251	6/1		
F		4,951	4,626	4,160	3,452	3,640	3,556	3,200	5/15		
		4,811	4,522	3,998	-	3,512	3,489	3,142	4/30		
		4,662	4,310	3,830	-	3,384	3,388	2,992	4/15		
Total Fall	ſ	4,431	4,117	3,657	3,109	3,271	3,237	2,895	3/31		
10tal Fall 2009 new	7	4,146	3,863	3,417	2,877	3,067	3,092	2,751	3/15		
Freshmen		3,790	3,569	3,121	2,534	2,881	2,860	2,558	2/27		
		3,405	3,214	2,810	2,263	2,616	2,592	2,318	2/13		
		?	2,529	2,171	2,117	2,119	1,875	1,839	Final Total		

Factor = 0.518



Repeating this process across multiple years of freshman acceptance data allows an average factor to be created and applied to current data.

New Freshman Accepted Factors								
Date	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Avg	SD
6/15	0.552	0.510	0.563	0.576	0.495	0.518	53.6%	0.0324
6/1	0.566	0.520	0.576	0.599	0.511	0.533	55.1%	0.0349
5/15	0.575	0.527	0.582	0.613	0.522	0.547	56.1%	0.0353
4/30	0.585	0.537	0.603	-	0.543	0.559	56.6%	0.0281
4/15	0.615	0.553	0.626	-	0.567	0.587	59.0%	0.0308
3/31	0.635	0.579	0.648	0.681	0.594	0.614	62.5%	0.0373
3/15	0.668	0.606	0.691	0.736	0.635	0.655	66.5%	0.0450
2/27	0.719	0.656	0.736	0.835	0.696	0.709	72.5%	0.0605
2/13	0.793	0.723	0.810	0.935	0.773	0.787	80.4%	0.0710



Applying the average factor to the number of current freshman acceptances for Fall 2010:

Accepted	Fall	Avg. 6-Year	2010
Date	2010	Factor	Projected
6/15	5,182	0.536	2,777
6/1	5,027	0.551	2,769
5/15	4,951	0.561	2,777
4/30	4,811	0.566	2,721
4/15	4,662	0.590	2,749
3/31	4,431	0.625	2,770
3/15	4,146	0.665	2,758
2/27	3,790	0.725	2,748
2/13	3,405	0.804	2,736



#### Interpreting the Freshmen Model

What does this mean?

It means that on average, by June 15<sup>th</sup>, we can predict that new freshman enrollment will be approximately 53% of the number of new freshman accepted.





#### **Orientation Attendance**

- The number of students attending Fall 2010 Orientation sessions were compared to the number of students attending Fall 2009 Orientation.
- Factor analysis was applied to the day and a projection for the number of new freshmen was generated.

Date	2009 Total	2010 Total	Total Percent Change	Factor	Projected
Day 5	1,296	1,312	1.23%	2.10	2,755
Day 6	1,397	1,411	1.00%	1.95	2,748
Day 7	1,465	1,411	-3.69%	1.86	2,621
Day 8	1,510	1,512	0.13%	1.80	2,725
Day 9	1,561	1,554	-0.45%	1.74	2,709
Day 10	1,595	1,591	-0.25%	1.71	2,714
Day 11	1,595	1,665	4.39%	1.71	2,840
Day 12	1,685	1,723	2.26%	1.61	2,782
Day 13	1,740	1,775	2.01%	1.56	2,776
Day 14	1,797	1,811	0.78%	1.51	2,742
Day 15	1,797	1,841	2.45%	1.51	2,788



### Model 2: Returning Students

To predict the number of returning students we used the same factor formula as in enrollment model 1:

- Total number of students attending in previous years
- Number of students registered by day in previous years





### Model 2: Final 2010 Projections

	2010 Projected Enrollment	2010 Actual	Difference	
Freshmen	3,789	3,836	47	
Sophomore	2,119	2,197	78	
Junior	2,338	2,094	(244)	
Senior	2,533	2,636	103	
Total UG	10,780	10,763	(17)	
Total Grad	2,268	2,121	(147)	
Actual Total	13,048	12,864	(184)	

- Actual Fall 2010 enrollment indicates the projection model was within 1.4% of the actual total enrollment
  - Within 0.2% of undergraduate total
  - Within 6.5% of graduate total



### Model 2: Final Thoughts

- Start analysis again in November
  - Weekly tracking
- Look for ways to improve
  - Would like to integrate financial aid data (but that's complicated)
- Overall, we are pleased with our enrollment modeling system.





## Additional Enrollment Tools



#### **Automated Portals**

 Implementation of an automated portal allows program coordinators to track applications, admittances, and enrollments electronically.



#### Application Decision Trends

App Desc	Fall 05	Fall 06	Fall 07	Fall 08	Fall 09	Fall 10			
Accepted Pending	36	25	24	31	53	100			
Accepted, letter forthcoming	0	0	0	0	0	150			
Applicant Accepted	258	253	348	232	323	336			
Denied Admission	69	91	119	174	149	154			
DeniedAppeal for Admission	2	0	2	4	0	0			
Final Acceptance	0	0	1	0	0	0			
GOML - Acceptance	0	0	0	0	27	48			
GOML Denied	0	0	0	0	8	12			
GOML Semester 2 Accepted	0	0	0	66	89	53			
GOML Semester 2 Denial	0	0	0	6	5	1			
Graduated From VSU	117	135	129	119	129	0			
Graduated From VSU-GOML	0	0	0	10	16	22			
Inactivated Application	0	0	1	153	146	143			
Probationary Accepted	0	0	0	155	54	39			
Updated Application	0	1	1	13	98	16			
Updated Application with AA	0	0	0	0	1	0			
Withdraw Application VSU	175	136	131	71	43	133			
report total:	657	641	756	1034	1141	1207			
download csv									



#### Seat Analysis Tool

- This reports allows the institution to plan adequate course and seat availability in conjunction with the enrollment model.
- Projections for each course are provided based on previous years' data and enrollment increases.



#### Fall 2007

#### Fall 2008

#### Fall 2009

Year	1		Year 2			Year 3			
BIOL 1010 (Biol Evolution	and Diversity) Fa	<u>II 2007</u>	BIOL 1010 (Biol Evolution and Diversity) Fall 2008			BIOL 1010 (Biol Evolution and Diversity) Fall 2009			
Classification	# % Course	% Univ.	Classification	# % Course	% Univ.	Classification	# % Course	% Univ.	
1. Freshman (New)	253 49.2	12.6	1. Freshman (New)	190 44.2	9.1	1. Freshman (New)	134 25.3	5.6	
1. Freshman(Cont./Other)	34 6.6	7.6	1. Freshman(Cont./Other)	20 4.7	4.6	1. Freshman(Cont./Other)	33 6.2	7.2	
2. Sophomore(Cont./Other)	138 26.8	6.5	2. Sophomore(Cont./Other)	103 24	5	2. Sophomore(Cont./Other)	217 40.9	10	
3. Junior(Cont./Other)	56 10.9	2.8	3. Junior(Cont./Other)	99 23	4.7	3. Junior(Cont./Other)	109 20.6	5.1	
4. Senior(Cont./Other)	31 6	1	4. Senior(Cont./Other)	18 4.2	.6	4. Senior(Cont./Other)	36 6.8	1.1	
7. Graduate(Cont.)	1.2	.1	All Students	430 100%	3.733	Joint Enrolled	1.2	6.7	
Joint Enrolled	1.2	3.3				All Students	530 100%	4.2704	
All Students	514 100%	4.5438	Course Details Facu	tv Details		Course Details Facu	ltv Details		
Course DetailsFacSections6FullSeats Offered529TimTotal Enroll514FullSCH1542TimAvg. Section85.67TimEnroll89.17	u <b>lty Details</b> e Professor Temporary e Instructor e Instructor	1 3 2	Course DeclarsFullSections5FullSeats Offered433TimeTotal Enroll430FullSCH1290TimeAvg. SectionPartEnroll86TimeAvg. Max Enroll86.6	Associate Professor Temporary Instructor Instructor	1 3 1	Sections 5 Full Seats Offered 535 Time Total Enroll 530 Full SCH 1590 Time Avg. Section Part Enroll 106 Time Avg. Max Enroll 107	Associate Professor Temporary Instructor	1 3 1	
Avg. Max Enroll 00.17									
BIOL 1020L (Biodive	sity Lab) Fall 200	<u>17</u>	BIOL 1020L (Biodiver:	sity Lab) Fall 200	18	BIOL 1020L (Biodiver:	sity Lab) Fall 200	<u>19</u>	
BIOL 1020L (Biodiver	sity Lab) Fall 200 # % Course	) <u>7</u> % Univ.	BIOL 1020L (Biodiver: Classification	sity Lab) Fall 200 # % Course	1 <u>8</u> % Univ.	BIOL 1020L (Biodiver: Classification	sity Lab) Fall 200 # % Course	1 <u>9</u> % Univ.	
BIOL 1020L (Biodiver Classification 1. Freshman (New)	rsity Lab) Fall 20( #%Course 219 46.4	<b>)7</b> % Univ. 10.9	BIOL 1020L (Biodivers Classification 1. Freshman (New)	sity Lab) Fall 200 # % Course 175 42.1	1 <u>8</u> % Univ. 8.4	<u>BIOL 1020L (Biodiver</u> Classification 1. Freshman (New)	sity Lab) Fall 200 # % Course 118 23.8	1 <u>9</u> % Univ. 4.9	
BIOL 1020L (Biodiver Classification 1. Freshman (New) 1. Freshman (Cont./Other)	sity Lab) Fall 200 # % Course 219 46.4 31 6.6	<b>)7</b> % Univ. 10.9 6.9	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman(Cont./Other)	sity Lab) Fall 200 # % Course 175 42.1 22 5.3	1 <u>8</u> % Univ. 8.4 5.1	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman(Cont./Other)	sity Lab) Fall 200 #%Course 118 23.8 29 5.8	1 <u>9</u> % Univ. 4.9 6.3	
BIOL 1020L (Biodiver Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other)	<b>sity Lab) Fall 200</b> <b># % Course</b> 219 46.4 31 6.6 134 28.4	1 <u>7</u> % Univ. 10.9 6.9 6.3	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other)	sity Lab) Fall 200 # % Course 175 42.1 22 5.3 90 21.6	1 <u>8</u> % Univ. 8.4 5.1 4.4	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other)	sity Lab) Fall 200 # % Course 118 23.8 29 5.8 198 39.9	<b>19</b> % <b>Univ.</b> 4.9 6.3 9.1	
BIOL 1020L (Biodiver Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other)	<ul> <li>sity Lab) Fall 200</li> <li># % Course</li> <li>219 46.4</li> <li>31 6.6</li> <li>134 28.4</li> <li>55 11.7</li> </ul>	<b>)7</b> % Univ. 10.9 6.9 6.3 2.7	BIOL 1020L (Biodiver: Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other)	sity Lab) Fall 200 # % Course 175 42.1 22 5.3 90 21.6 108 26	1 <u>8</u> % Univ. 8.4 5.1 4.4 5.1	<u>BIOL 1020L (Biodiver</u> Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other)	sity Lab) Fall 200 # % Course 118 23.8 29 5.8 198 39.9 116 23.4	9 <mark>9</mark> % <b>Univ.</b> 4.9 6.3 9.1 5.5	
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BIOL 1020L (Biodiver Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other) 4. Senior(Cont./Other) 7. Graduate(Cont.)	sity Lab) Fall 200           #% Course           219         46.4           31         6.6           134         28.4           55         11.7           31         6.6           1.34         28.4	<b>)7</b> % Univ. 10.9 6.9 6.3 2.7 1 .1	BIOL 1020L (Biodiver Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other) 4. Senior(Cont./Other) All Students	sity Lab) Fall 200           #% Course           175         42.1           22         5.3           90         21.6           108         26           21         5           416         100%	8 % Univ. 8.4 5.1 4.4 5.1 .7 3.6114	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other) 4. Senior(Cont./Other) Joint Enrolled	sity Lab) Fall 200 # % Course 118 23.8 29 5.8 198 39.9 116 23.4 34 6.9 1 .2	9 % Univ. 4.9 6.3 9.1 5.5 1 6.7	
BIOL 1020L (Biodiver Classification 1. Freshman (New) 1. Freshman(Cont/Other) 2. Sophomore(Cont/Other) 3. Junior(Cont/Other) 4. Senior(Cont/Other) 7. Graduate(Cont.) Joint Enrolled	* Sity Lab) Fall 200           #% Course           219         46.4           31         6.6           134         28.4           55         11.7           31         6.6           1         2.2           1         .2	<b>)7</b> % Univ. 10.9 6.9 6.3 2.7 1 .1 3.3	BIOL 1020L (Biodiver: Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other) 4. Senior(Cont./Other) All Students	sity Lab) Fall 200           # % Course           175         42.1           22         5.3           90         21.6           108         26           21         5           416         100%	<ul> <li>8.4</li> <li>5.1</li> <li>4.4</li> <li>5.1</li> <li>7</li> <li>3.6114</li> </ul>	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman(Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other) 4. Senior(Cont./Other) Joint Enrolled All Students	<ul> <li>sity Lab) Fall 200</li> <li># % Course</li> <li>118 23.8</li> <li>29 5.8</li> <li>198 39.9</li> <li>116 23.4</li> <li>34 6.9</li> <li>1 .2</li> <li>496 100%</li> </ul>	9 % Univ. 4.9 6.3 9.1 5.5 1 6.7 <b>3.9965</b>	
BIOL 1020L (Biodiver Classification 1. Freshman (New) 1. Freshman (Cont/Other) 2. Sophomore(Cont/Other) 3. Junior(Cont/Other) 4. Senior(Cont/Other) 7. Graduate(Cont.) Joint Enrolled All Students	sity Lab) Fall 200           #         % Course           219         46.4           31         6.6           134         28.4           55         11.7           31         6.6           1         .2           1         .2           1         .2           1         .2           472         100%	<b>)7</b> % Univ. 10.9 6.9 6.3 2.7 1 .1 3.3 <b>4.1726</b>	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman (Cont/Other) 2. Sophomore(Cont/Other) 3. Junior(Cont/Other) 4. Senior(Cont/Other) 4. Senior(Cont/Other) All Students Course Details Facu	sity Lab) Fall 200 # % Course 175 42.1 22 5.3 90 21.6 108 26 21 5 416 100% tty Details	18 % Univ. 8.4 5.1 4.4 5.1 .7 3.6114	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman (Cont/Other) 2. Sophomore(Cont/Other) 3. Junior(Cont/Other) 4. Senior(Cont/Other) Joint Enrolled All Students Course Details Facul	sity Lab) Fall 200 # % Course 118 23.8 29 5.8 198 39.9 116 23.4 34 6.9 1 .2 496 100% Ity Details	19 % Univ. 4.9 6.3 9.1 5.5 1 6.7 <b>3.9965</b>	
BIOL 1020L (Biodiver         BIOL 1020L (Biodiver         Classification         1. Freshman (New)         1. Freshman (Cont/Other)         2. Sophomore(Cont/Other)         3. Junior(Cont/Other)         4. Senior(Cont/Other)         7. Graduate(Cont.)         Joint Enrolled         All Students         Course Details Sections       Fact Full         Sections       21         Seats Offered       505         Total Enroll       472         Avg. Section       22.48         Enroll       22.48	sity Lab) Fall 200           #% Course           219         46.4           31         6.6           134         28.4           55         11.7           31         6.6           1         .2           1         .2           472         100%           Itty Details         Instructor           Temporary         Instructor           Graduate         Assistant	)7 % Univ. 10.9 6.9 6.3 2.7 1 .1 3.3 4.1726	BIOL 1020L (BiodiversityBIOL 1020L (BiodiversityClassification1. Freshman (New)1. Freshman (Cont./Other)2. Sophomore(Cont./Other)3. Junior(Cont./Other)3. Junior(Cont./Other)4. Senior(Cont./Other)4. Senior(Cont./Other)4. Senior(Cont./Other)4. Senior(Cont./Other)4. Senior(Cont./Other)4. Senior(Cont./Other)4. Senior(Cont./Other)4. Senior(Cont./Other)5. Class Offered5. Class Offered4335. Charter (Cont.)416Section8. CH416Charter (Cont.)23.11Cont.Avg. Max Enroll24.06	sity Lab) Fall 200           #% Course           175         42.1           22         5.3           90         21.6           108         26           21         5           416         100%           Instructor           Graduate         Assistant           Instructor         Sistent	18 % Univ. 8.4 5.1 4.4 5.1 .7 <b>3.6114</b> 3 14 1	BIOL 1020L (Biodiverse Classification 1. Freshman (New) 1. Freshman (Cont./Other) 2. Sophomore(Cont./Other) 3. Junior(Cont./Other) 4. Senior(Cont./Other) Joint Enrolled All Students Course Details Sections 21 Full Seats Offered 505 Time Total Enroll 496 Full SCH 496 Time Avg. Section 23.62 Part Enroll 24.05 Part Time	sity Lab) Fall 200           #% Course           118         23.8           29         5.8           198         39.9           116         23.4           34         6.9           1         .2           496         100%           Ity Details         Instructor           Graduate         Assistant           Instructor         Statute	19 % Univ. 4.9 6.3 9.1 5.5 1 6.7 <b>3.9965</b> 3 1 1 16 1 16	

#### Prediction Fall 2010

#### Current Fall 2010

Prediction Year 4					Current Year 4					
	BIOL 1010 (Biol Evolutio	BIOL 1010 (Biol Evolution and Diversity) Fall 2010								
	Classification	#	% Courses	%	Classification		#	% Course	% Univ.	
	1 Freehmen (Nou)	245	10.560	0.0750	1. Freshman (Nev	₩)	272	69.4	11.5	
	1. Freshman (New)	245	40.563	8.8756	1. Freshman(Cont./Other)		19	4.8	1.2	
	1. Freshman(Cont.)Othe	n 97	16.06	6.4925	2. Sophomore(Co	nt./Other)	58	14.8	2.8	
	2. Sophomore(Cont./Other	150	24.834	7.1933	3. Junior(Cont./Ot	her)	29	7.4	1.5	
	3. Junior(Cont/Other)	88	14.57	4.2105	4. Senior(Cont./Other)		14	3.6	.6	
	4. Senior(Cont/Other)	22	3.642	.8786	All Students		392	100%	3.473	
	7. Graduate(Cont.)	2	.331	.1048						
	All Students	604	100%	4.526	Course Details	Fac	ulty De	etails		
	All Students 004 100% 4.520				Sections 9 Full Net Deported					
	Course Prediction Details				Seats Offered	421 Tim	ne '	J 1		
	Sections 6.56				Total Enroll 392 Full Temporary SCH 1176 Time Instructor Avg. Section Part Enroll 43.56 Time Instructor					
	I otal Enroll 604									
	Ava Section Enroll 921									
	Avg. Max Enroll 93.	Avg. Max Enroll	46.78							
	BIOL 1020L (Biodiv	ersity L	.ab) Fall 20	<u>010</u>	BIOL 1020L (Biodiversity Lab) Fall 2010					
	Classification	#	%	%	Classification		#	% Course	% Univ.	
	Classification	"	Course	Univ.	1. Freshman (Nev	N)	268	70	11.3	
	1. Freshman (New)	217	38.339	7.8757	1. Freshman(Con	t./Other)	17	4.4	1.1	
	1. Freshman(Cont./Othe	92	16.254	6.1194	2. Sophomore(Cont./Other)		60	15.7	2.9	
	2.	139	24.558	6.6279	3. Junior(Cont./Other)		25	6.5	1.3	
	Sophomore(Cont.)Other,				4. Senior(Cont./Ot	ther)	13	3.4	.6	
	3. Junior(Cont.)Other)	93	16.431	4.4498	All Students		383	100%	3.3933	
	4. Senior(Cont.)Uther)	23	4.064	.889						
	7. Graduate(Cont.)	2	.353	.1048	Course Detaile		acultu	Dotaile		
	All Students	566	100%	4.2413	Sections	17 I	- <u>acuity</u> Full Tin	ne Instructor	4	
	Course Prediction Details			Seats Offered	421 F	Full Tin	ne Not-Repo	rted 12		
	Sections 24.5	54			Total Enroll	383 F	Part Tir	ne Instructor	1	
	Total Enroll 566				SCH	383				
	SCH 566	_			Avg. Section Enro	1122.53				
	Avg. Section Enroll 23.	)7 \r			Avg. max Enroll	24.70				
- 1	AVQ. Max Enroll 24.1	10			1					



### Analytical method

These tools, based on historical trend data, provide timely indicators of likely enrollment growth and corresponding enrollment revenue.



#### **Questions and Comments**



This PowerPoint presentation can be downloaded at <u>http://www.valdosta.edu/sra/presentations.shtml</u>



### Taking the "Project" out of Enrollment Projections: Simple Ways to Plan Effectively

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