

## School Vision and Mission Statements

### Vision

To create an arena for students to learn and be enthused about science and mathematics and to develop an appreciation for the cultural significance of science and mathematics.

### Mission

The mission of the School of Mathematical and Natural Sciences is to:

1. Offer specializations in biology, chemistry, mathematics, and natural sciences;
2. Provide opportunities for all students to enhance their understanding of science and mathematics.

Curricula in the School prepare students for careers in industry and teaching, for graduate studies, and for admission to professional programs including allied health, medicine, optometry, and pharmacy.

## School Goals and Objectives

The following goals and objectives are not necessarily listed in order of importance.

1. To recruit and maintain a high quality faculty by:
  - A. Carefully screening and interviewing prospective faculty;
  - B. Mentoring new faculty;
  - C. Encouraging faculty to avail themselves of professional development activities;
  - D. Keeping faculty at the center of the academic programs;
  - E. Improving the working conditions of faculty;
  - F. Providing merit raises to faculty when possible.
  
2. To attract and retain quality students;
  - A. Offering quality academic programs;
  - B. Providing a high level of instruction in all courses;
  - C. Increasing the opportunities for student research programs;
  - D. Working with area schools to improve the quality of science and mathematics teaching;
  - E. Maintaining and improving the academic advising of students;
  - F. Working with students outside the classroom in field courses, clubs, and other activities;
  - G. Judiciously awarding the limited scholarship money available to majors;
  - H. Reviewing the course work and course requirements of students approaching graduation to ensure that students are enrolled in the appropriate courses;

- I. Seeking additional private money to fund scholarships and field trips;
  - J. Maintaining contact with area professional programs and graduate schools to insure that graduates are competitive.
3. To maintain and improve equipment.
- A. Seeking internal and external funding for new equipment;
  - B. Husbanding current resources;
  - C. Establishing priorities for acquiring equipment;
  - D. Developing preventive maintenance schedules;
  - E. Reviewing safety procedures and developing additional procedures where necessary;
  - F. Working with other campus units to establish a regular schedule of disposal of hazardous wastes.
4. To provide courses and programs meeting the needs of the General Education program and the technical course needs of other programs:
- A. Regularly scheduling introductory courses at convenient times for students needing to satisfy General Education requirements;
  - B. Attempting to limit class sizes to encourage contact between the student and instructor;
  - C. Establishing and maintaining a regular offering of service courses;
  - D. Monitoring the quality and substance in the above courses, on and off campus, to ensure that the courses satisfy their objectives;
  - E. Examining the development of alternative courses which would better meet the General Education needs of students;
  - F. Reviewing prerequisites for courses to ensure that they are relevant;

- G. Encouraging teacher effectiveness through recognition, evaluation, and merit raises.
5. To offer programs which prepare students for successful careers in industry and teaching, and for graduate studies in science, mathematics, and related fields;
- A. Obtaining and maintaining laboratory equipment which will provide students with appropriate experiences;
  - B. Maintaining contact with practitioners, professional societies, graduate and professional schools to ensure that courses and programs are appropriate;
  - C. Reviewing and revising curricula to meet the needs cited above;
  - D. Regularly meeting with students to discuss professional opportunities and requirements.
6. To provide curricula for pre-professional studies in dentistry, medicine, optometry, pharmacy, and allied health (physical therapy, radiological technology, medical technology, occupational therapy, and dental hygiene);
- A. Establishing contacts with admission personnel and others at the professional school to be sure that faculty and students are aware of entrance requirements;
  - B. Reviewing entrance tests and expectation of students in professional programs;
  - C. Assisting students in preparing for professional tests and interviews.

# Highlights

## Students

Majors in the disciplines of the School continue to distinguish themselves. They were accepted to graduate and professional programs including one student who received a fellowship of more than \$39,000 per year. Their performance on the CAAP examination exceeds both local and national averages.

## Grants

The School again generated more than \$300,000 in grant money during the past year. These funds were for research activities, in-service teacher programs, and outreach programs.

## Faculty

Faculty were again recognized for their contributions to the campus and region. Despite heavy teaching loads, there were four publications in scholarly journals. Many of these publications included significant contributions by students. Faculty were involved in service activities to area schools and civic groups. There are two significant changes in staffing for the next year. Dr. Sundell has retired and Dr. McConnell resigned to accept another position. An additional change is the addition of the positions of Assistant Dean for Mathematics and Assistant Dean for Science.

## Developmental Mathematics

A significant portion of the time and energy of the mathematics faculty is devoted to developmental mathematics. This is a large program both in the consumption of resources and the frustration level of the with the lack of success. That such a large number of students are required to take these courses and the completion rate is so low, is an indictment of the mathematics programs in the area schools. As computed by the state productivity formula these two courses generate 6.8 faculty positions. As the mathematics backgrounds of entering students does not appear to be improving, these courses will continue to have very large enrollments.

## STRENGTHS, WEAKNESSES, OPPORTUNITIES, and THREATS

### Strengths

1. Excellent faculty dedicated to teaching;
2. Active undergraduate research programs;
3. Academic programs with excellent reputations;
4. Private funding for scholarships;
5. Good relationships with area mathematics and science teachers;
6. Unified teaching of mathematics courses;
7. Strong curricula which are periodically reviewed and improved.

### Weaknesses

1. Entering students frequently have weak academic backgrounds in science and mathematics;
2. Lower level class sizes are too large;
3. Low faculty salaries;
4. Insufficient funds for student field trips;
5. Inadequate equipment in many areas;
6. No funding for equipment maintenance and replacement;
7. Physical facility which needs significant renovation and expansion;
8. Insufficient funds for faculty to attend professional meetings.

### Opportunities

1. Increased use of technology in courses;

2. Grant programs which offer possibilities for external funding;
3. Possible development of statewide standards for core courses;
4. New programs or new options within current programs;
5. Addition of two assistant deans will allow for better communication between disciplines and more thorough performance of administrative duties;
6. The School was able to hire two very able faculty to replace Dr. McConnell and Dr. Sundell;
7. Standardizing courses taught at the three UAM campuses;
8. Possibility for revitalizing the physics and pre-engineering programs.

### Threats

1. Courses offered at area schools which are not equivalent to core courses;
2. Inadequate state funding;
3. Dr. McConnell's departure potentially is a significant blow to the School's undergraduate research program;
4. A faculty quickly approaching retirement age;
5. Overextending resources in an attempt to meet the needs of UAM Technology campuses.

## Faculty

The most vital component of any academic program is the faculty. The School of Mathematical and Natural Sciences has an exceptionally dedicated, talented, and experienced faculty. The average time of service is 18.5 years.

The following is a list of the faculty for 2005-2006:

<b>Name</b>	<b>Rank</b>	<b>Tenure Status</b>	<b>Discipline</b>	<b>First Year of Service</b>
Abedi, F	Associate Prof.	Tenured	Math	1982
Annulis, J	Professor	Tenured	Math	1972
Bacon, E	Professor	Tenured	Biol	1974
Bramlett, M	Professor	Tenured	Chem	1993
Chapman, L	Instructor	Non-Tenure Track	Math	1986
Chappell, J	Instructor	Non-Tenure Track	Biol	1997
Dolberry, C	Assistant Prof.	Tenure Track	Math	2002
Edson, J	Professor	Tenured	Earth Sci	1977
Efird, C	Assistant Prof.	Tenure Track	Math	1998
Godwin, W	Professor	Tenured	Chem	1974
Guenther, J	Assistant Prof.	Tenured	Physics/Astron	1962
Hunt, J	Assistant Prof.	Tenure Track	Biology	2004
Lynde, L	Associate Prof	Tenured	Math	1969
McConnell, R	Professor	Tenured	Chem	1984
Nelson, G	Instructor	Non-Tenure Track	Math	1989
Nordeen, R	Professor	Tenured	Biol	1992
Sayyar, H	Associate Prof.	Tenure	Math	1996
Sayyar, K	Instructor	Non-Tenure Track	Chem	1999
Serna, J	Instructor	Non-Tenure Track	Physics	2005
Sims, C	Assistant Prof.	Tenure Track	Biology	2002
Sundell, E	Professor	Tenured	Biol	1980
Zeide, E	Instructor	Non-Tenure Track	Math	1989

Two significant departures occurred during the 2005-2006 academic year - Dr. Sundell retired and Dr. McConnell resigned to accept another position. The School has been able to hire two very capable faculty. Turnover in the School has probably been the least among all UAM academic units. Currently eight faculty have 20 or more years of experience at UAM. This represents a valuable resource to the School and UAM but it also means that many of these faculty will be retiring in the near future. New faculty must be carefully recruited and integrated into the School.

Faculty from the School have received numerous recognitions for their teaching, research, and service contributions.



### Alpha Chi Teachers of the Year

Linda Chapman, 2000  
Guy Nelson, 2001  
Walter Godwin 2002  
Edmond Bacon, 2003  
Rose McConnell 2004

### Alpha Chi Rookie of the Year

Dr. Chris Sims 2003, 2004  
Dr. John Hunt 2005

### Alpha Chi Staff Award

Christy Pace 2003, runner-up 2004

### Alpha Chi Administrator of the Year

John Annulis 2004, runner-up 2005 & 2006

## Out-Reach Efforts

The Math-Science Education Center has been a joint effort of the School of Education and the School of Mathematical and Natural Sciences. A secondary mathematics specialist and an elementary science specialist are funded by a grant from the Arkansas Department of Education. These specialists assist area schools in improving their mathematics and science programs. Funded by a grant, Mr. Lowell Lynde will be conducting follow-up activities to a summer in-service mathematics program. He will also be working through the Southeast Arkansas Educational Cooperative to improve mathematics programs. Dr. Jim Edson is actively involved in working with area schools through a variety of projects. Dr. Edson and Mr. Lynde host a monthly meeting of area science and mathematics teachers. Mr. Nelson, Mr. Lynde, and Dr. Edson work closely with area schools and the Southeast Arkansas Educational Cooperative providing classroom presentations and in-service teacher workshops.

The Turner-Neal Natural History Museum and Pomeroy Planetarium are located in a building immediately adjacent to the Science Center. The Planetarium conducts monthly programs throughout the academic year. In addition, several thousand school children tour both facilities each year. Dr. Edson serves as museum director and Mr. Guenter is the planetarium director. Dr. Sundell has identified plant specimens for county agricultural agents and others.

## Staffing

The successful hiring of a physicist for the fall 2005 semester relieved some staffing problems. The School of Forest Resources was able to hire an individual capable of teaching dendrology which allowed Dr. Sundell to return in the spring 2006 semester to full-time position in biology. With the fall 2006 semester, Dr. Bramlett will become Assistant Dean for Science and Dr. Efird will become Assistant Dean for Mathematics. Both will assume positions of 75% teaching and 25% administration. These losses to instructional staffing will be somewhat offset by Dr. McConnell's replacement holding a full-time teaching position. Dr. McConnell was reduced as part of her research program. Mr. Lynde will continue to hold a 50% research position with the remainder of his time being purchased by the NCLB grant.

### School assignments

Program	Name	% Instr.	% Admin.	% Res./Outreach
Biology	Bacon	100		
	Chappell	100		
	Fawley	100		
	Hunt	100		
	Nordeen	100		
	Sims	100		
Chemistry	Bramlett	75	25	
	Godwin	100		
	Sayyar, K	100		
	Taylor	100		
Mathematics	Abedi	100		
	Annulis	25	75	
	Chapman	100		
	Dolberry	100		
	Efird	75	25	
	Lynde	50		50

	Nelson	100		
	Sayyar, H	100		
	Zeide	100		
Physical Science	Edson	75		25
	Guenter	75		25
	Serna	100		

#### Summary of Instructional positions

Biology	6 fte
Chemistry	3.75 fte
Mathematics	7.5 fte
Physical Science	2.5 fte
Total	19.75 fte

The University is in part funded by a productivity formula based upon SSCH production, level, and discipline. The following is a summary by discipline of the positions generated by this formula:

Summary of fte production	
Biology	8.29 fte
Chemistry	5.54 fte
Mathematics	11.85 fte
Physical Science	5.01 fte
Total	30.69 fte

Based upon this formula the School is a significant generator of fte instructional positions.

The addition of the two technical campuses in Crossett and McGehee presents additional problems. As mentioned elsewhere, both schools would like additional mathematics and science courses either taught by CIV or, preferably, on-site. We lack sufficient faculty to provide instructors for these additional courses. These courses have been taught by either adjuncts or faculty on overloads. Both approaches have presented problems as it is difficult to find qualified adjuncts and overloads eventually detract from the performance

of the faculty.

## Grants

Faculty have been diligent in both their efforts to stay current in both their areas of expertise and to pedagogical developments. These efforts include reading, attendance and participation in professional meetings and seminars, research, and active on-campus discussions.

Faculty have also been very active in their efforts to receive grants from external agencies. Math/Science faculty have again generated over \$300,000 for the 2005-2006 fiscal year. The following is a list of grants received during the past year:

Name	Agency	Title	Amount
Annulis J. & Lynde L.	N.C.L.B. Arkansas Department of Education	Content Training for Mathematics Teachers Grades 5-9	\$113,745
Bramlett, M	Arkansas Space Grant Consortium	Molecular Modeling of Transition Metal Disulfides	\$1,100
Chemistry Faculty	INBRE	Infrared spectrophotometer UV-Vis spectrophotometer, spec-20 spectrophotometer centrifuge	\$33,000
Edson, J	ADE	Secondary mathematics Specialist	\$74,850
Edson, J	ADHE	Elementary Science Specialist	\$67,826
Edson, J	Arkansas Game & Fish Commission	Schoolyard Habitat	\$4,900
J. L. Hunt and C. G. Sims	UAM Faculty Research Committee	Status and Distribution of <i>Anhinga (Anhinga anhinga)</i> in Arkansas	\$2,500
McConnell, R	National Cancer Institute at NIH	Synthesis and Evaluation of New Cathepsin B & D Inhibitors.	Third year of a \$114,930 three-year

Total for 2005-2006

grant

\$336,231

## Students

The primary focus of the School of Mathematical and Natural Sciences is teaching. The spectrum of teaching is quite broad ranging from working with students having very poor academic backgrounds to conducting independent research programs to prepare students for graduate and professional programs. The number of graduates is modest (see Appendix A) but this is consistent with state and national trends. The overall quality of majors within the School is excellent. Ten of the 68 honor graduates for the 2004-2005 academic year majored in one of the School's programs. The best of our graduates continue to be in great demand for professional and graduate schools, teaching, or business and industry. They have received numerous offers from graduate schools including the following: Purdue (Plant Pathology), Tulane (Chemical Engineering), Washington University (Chemistry), Northwestern (Applied Mathematics, Chemistry), and Rice (Chemistry). Several rising seniors have participated in summer research programs at campuses throughout the region. In addition to placements in graduate school, three students were admitted to the UAMS School of Medicine and three to the UAMS School of Pharmacy,

The demand for secondary mathematics and science teachers far exceeds the number of students we graduate who are interested in teaching, especially physical science teachers. This is not surprising given the dearth of science and mathematics teachers prepared throughout Arkansas. We have consistently generated a modest number of mathematics teachers but only a minuscule number of science teachers. The majority of the School's graduates who plan to teach have decided to gain licensure through some alternative route as opposed to the traditional undergraduate education minor. The most popular approach is the MAT. Only two of the School's graduates plan to teach. Both students are in mathematics and plan to pursue an MAT degree. In 2001, the School introduced a Natural Science major which was aligned with the revised Arkansas licensure programs for science teachers. Unfortunately, this program has not attracted a significant number of students. The minor has been more popular than the major and only one of the graduates of this program is currently teaching.

The School encourages students to become involved in extracurricular activities. The Biology Club and the Medical Sciences Club are very active. During the past few years several students expressed an interest in having an honorary society for mathematics and science majors. In 2003, a core of students initiated the efforts to form a campus chapter of Sigma Zeta which were successful. Dr. Dolberry serves as the primary advisor.

### **Placement of Graduates**

The following is a list of graduates for 2005-2006 with their current status:

#### **Biology**

Katherine Cobb	Graduate School, Assistantship, UAMS, Toxicology
Derek Efird	Possibly teaching science in Little Rock
Veronica Frazier	UAMS, Cytotechnology

Brandie Free UAMS, Respiratory Therapy  
Ian Nall Graduate School, Assistantship, Emporia State, Biology  
Matthew Patoka UAMS, School of Medicine

Brandon Pledger  
James Reeves UAMS, School of Medicine  
Shawna Barnett Wal-Mart  
David Dowty Preparing to apply for optometry school  
Shueylin Lee Liquor store owner  
Kellie Nichols Researcher Arkansas Children's Hospital

### **Chemistry**

Matthew McConnell Graduate School, Assistantship, Southern Mississippi University, Chemistry  
Jerri Webb Graduate School, Fellowship, University of Arkansas, Chemistry

### **Mathematics**

Anne Bynum Teaching mathematics, Drew Central, MAT program  
Allyson Donald  
Tracy Panicola Teaching Mathematics, Warren  
Victoria Ryburn Graduate School, Assistantship, University of Arkansas, mathematics  
Michael Sanders

### **Natural Science**

Lindsay Bowman UAMS, Nuclear Medicine  
Natasha Gibson  
Kelly Griffin  
Laura Hull UAMS, School of Pharmacy

One student, Matthew McConnell, graduated Cum Laude. Two students Katherine Cobb and Laura Hull, graduated Magna Cum Laude, and two students, Victoria Ryburn and Jerri Webb, graduated Summa Cum Laude.

Jerri Webb received a Distinguished Doctoral Fellowship from the University of Arkansas. In addition to the standard waiver of fees, this fellowship provides a stipend of \$39,000 per year and is renewable.

### **Student Performance**

There are several standardized measures of student performance available. The one affecting the greatest number of students is the CAAP examination. This is an ACT generated test measuring achievement in the core curriculum. The following table summarizes the performance of Math/Science majors on the CAAP test during the past year:



	CAAP Scores							ACT Scores				
Year	Writ. Skills	Math	Reading	Sci Reas	Essay 1	Essay 2		Eng	Math	Read	Sci R	Comp
1999	64.25	59.25	64.00	60.75	3.94	3.94		21.43	18.29	21.71	22.00	21.00
2000	65.20	60.20	63.67	62.27	2.80	3.03		23.80	21.80	25.00	22.47	23.47
2001	NA											
2002	65.50	60.10	64.10	63.40	3.40	3.10		24.30	23.30	24.00	22.90	23.80
2003	65.91	61.18	63.27	62.91	2.82	2.89		22.18	21.09	24.40	24.20	24.20
2004	64.18	58.82	61.71	61.18	3.06	2.88		23.08	22.15	24.38	22.23	23.00
2005	64.81	60.14	62.89	62.68	3.00	2.95		24.65	22.44	23.53	22.82	23.50
M&S Mean 1999-2005	64.98	59.94	63.28	62.18	3.17	3.14		23.20	21.49	23.85	22.77	23.15
Local Mean 2005	62.7	56.8	61.5	59.5	2.4	2.6		20.5	19.6	20.6	20.1	20.3
National Mean 2005	64.3	58.0	62.4	61.2	3.2	3.3		20.4	20.7	21.3	20.9	20.9

Math/Sci. students significantly outperformed the average UAM student in all areas and had better scores than the national means in all areas other than the two essays. This is an indicator of superior performance and/or ability of these students. It should be noted that these students have ACT scores which are significantly better than those of the average entering UAM student but not necessarily better than those of the average entering college student nationwide.

While the CAAP is a standardized test given to all UAM students who have completed sixty hours there are several other measures of student performance. Students in all sections of Introduction to Algebra, Intermediate Algebra, Survey of Mathematics, College

Algebra, and Trigonometry all take the same final examination for each course. This does not provide data for comparison to other schools but does provide an internal measure which assists the faculty in modifying the courses to improve student performance. Each of these courses has a course coordinator who reviews the test results and meets with the faculty teaching the course. The course committee analyzes the results and then strives to make changes which will improve student performance in the course.

Students completing both General Chemistry and Organic Chemistry are given nationally normed American Chemical Society (ACS) Examinations as final examinations. Scores on these exams indicate that our students are continuing to perform near the national average especially in Organic Chemistry.

The Senior Biology Seminar has been a capstone course for the Biology major. Students research a topic, synthesizing information from both the library and their own class and laboratory experiences. Students present their findings orally to their peers and the biology faculty. Students also submit a written paper. All mathematics majors are required to take either the one credit Mathematics Seminar or to complete the secondary education internship in mathematics. The Mathematics Seminar serves as a capstone course for the mathematics program as the Seminar in Biology does for the biology program. In a similar manner, Chemistry majors must complete either the Chemistry Seminar or Senior Research.

Students approaching graduation take a variety of nationally normed tests such as MCAT (medical school), DAT (dental school), PCAT (pharmacy school), GRE, and Praxis (teacher licensure). The number of students taking any one of these tests in a given year is minimal usually varying from 0 to 3 students in any year. Performance on the GRE and Praxis is normally quite satisfactory. Performance on the MCAT is frequently disappointing while performance on the PCAT tends to be somewhat unpredictable.

#### Exit Interviews of Students

The School surveys all graduating Math/Sci. students on their experiences at UAM. This is an open-ended survey essentially asking students to list what they liked and disliked about UAM. The results are fairly predictable. Many students have general complaints such as inadequate parking, lack of extracurricular activities, local laws on alcohol consumption, etc. The comments of direct interest to the School are praise or criticism of specific instructors, appreciation of small class size and the attention given them by particular faculty, and willingness of faculty to help them. The most frequent criticism is the infrequency with we offer some upper-level courses, particularly in mathematics and chemistry courses.

#### Graduate Surveys

The School also periodically surveys graduates in a manner similar to the exit interviews of graduating students. The results are quite similar. The graduates are less harsh in the occasional criticisms of particular faculty and are even more enthusiastic in their praise of the general and

specific efforts of the faculty. This is especially true of the students who have entered graduate and professional programs. They were happy with the small class sizes but again are critical of the scheduling of upper level courses.

## Facilities and Equipment

Facilities for chemistry are greatly improved. In the last 5 years laboratory hoods and benches have been replaced. Student desks throughout the Science Center are new as of 2002. During the past two years, new tile was installed in the hallways throughout the Science Center. Some specific areas which need to be addressed are:

Windows are original to the building. Most do not fit well and allow air and occasional rain to enter the building. None offer any insulation.

While strides have been made in recovering the existing tile less than half of the complex has been completed. Floor tiles are worn and many are missing. This situation is exacerbated by leaking heating/air conditioning units.

Exterior doors offer little security. Frequently rain is blown through the doors. During hot weather one door sticks allowing air conditioning to be lost and creating very distracting noises.

Several years ago there was an effort to update lighting throughout the Center. Unfortunately this project was never completed resulting in several well lit rooms and several poorly lit ones.

The air conditioning and heating system is decrepit throughout the Center with the service to C-wing being bad. During the summer C-wing is five or more degrees warmer than the other wings and during winter it is at least that much colder. Many of the units leak causing floor damage as well as being very inconvenient to students and faculty.

Drainage around the building is very poor. Even a small rain will cause significant puddling around the buildings. A large storm creates a virtual moat.

Both the interior and exterior of the building needs paint. There is not a maintenance schedule for the building.

The roof continues to leak and there are areas of rot which have destroyed both decking and support beams.

The Center has never been landscaped creating a rather uninviting exterior. Even minimal landscaping would be a significant improvement to the appearance of the building.

The Science Center was originally designed to accommodate the physical and life sciences. In 1982, the mathematics faculty moved from MCB to the Science Center. This was a significant increase in the number of faculty (almost 50%) and student traffic (over 50%). Simply put the Center is out of space. In addition facility needs have changed significantly in 40 years. Some

specific items which are needed are:

- Completion of the lighting project begun several years ago;
- “Smart” classrooms;
- Small classrooms and seminar rooms;
- Additional faculty offices and work spaces;
- Student research laboratories;
- Installation of a wireless computer network.

At one point prospective students were not sensitive to these needs but the situation has changed significantly. Students now see these features at other regional schools and may actually have versions of “smart” classrooms at the high schools.

Equipment is a continuing need for all programs in the School. Historically, there has not been a budget for acquiring, updating, or maintaining equipment. Normally the School receives a supplemental budget for equipment but this has been declining in recent years as shown in the following:

1998-99	\$35,000
1999-00	\$25,000
2000-01	\$25,000
2001-2002	\$15,000
2002-2003	\$15,000 (all funds earmarked for computers)
2003-2004	None
2004-2005	\$37,750
2005-2006	\$10,000

This system does not allow the School to have scheduled maintenance and replacement of equipment. The physics laboratories are badly in need of basic instructional equipment with biology equipment needing replacement and/or updating. While chemistry has significant equipment needs some of these have been met with grants.

The technical centers, particularly McGehee, have limited equipment for science laboratory courses. If the School is to expand science offerings at these centers then it will be necessary to have a planned schedule of equipment acquisition.

Appendix A  
 Graduates by Year and Major

**Mathematical And Natural Sciences Graduates by Year by Major**

	1994-95	1995-96	1996-97	1997-98	1998-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	Total	Mean	5 Yr Mean
Biology	6	6	10	11	13	6	6	9	4	12	10	12	105	8.75	9.4
Chemistry	2	3	4	3	3	5	4	2	2	4	2	2	36	3.00	2.4
Mathematics	3	5	2	5	1	4	5	5	5	3	9	5	52	4.33	5.4
Natural Science(added 2001)	-	-	-	-	-	-	-	-	-	4	1	4	9	2.50	3
Physical Science(deleted 2001)	0	0	1	1	0	0	0	-	-	-			2	0.29	
Physics (deleted 1998)	2	1	2	2	1	-	-	-	-	-			8	1.60	
<b>Total</b>	<b>13</b>	<b>15</b>	<b>19</b>	<b>22</b>	<b>18</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>11</b>	<b>23</b>	<b>22</b>	<b>23</b>	<b>212</b>	<b>17.18</b>	<b>19</b>

Appendix B  
Ten Year Summary of Majors

**Fall Term Declared Majors**

	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>10 Year Mean</b>	<b>5 Year Mean</b>
Biology	39	29	26	29	31	19	30	27	40	45	44	38	32.90	38.80
Allied Health	57	63	43	37	39	25	26	26	31	24	34	32	31.70	29.40
Pre-Medicine	57	66	68	61	58	63	55	57	54	53	45	36	55.00	49.00
Chemistry	14	12	5	9	12	13	9	11	12	8	9	14	10.20	10.80
Pre-Pharmacy	20	24	19	7	8	14	22	28	30	27	24	31	21.00	28.00
Mathematics	22	16	11	18	14	23	20	21	19	27	27	23	20.30	23.40
Natural Science	-	-	-	-	-	-	-	2	7	10	10	12	8.20	8.20
Pre-Engineering	12	22	20	21	16	23	10	11	11	10	5	9	13.60	9.20
<b>Total</b>	<b>221</b>	<b>232</b>	<b>192</b>	<b>182</b>	<b>178</b>	<b>180</b>	<b>172</b>	<b>183</b>	<b>204</b>	<b>204</b>	<b>198</b>	<b>195</b>	<b>188.80</b>	<b>196.80</b>





Minors by Class  
 Fall 2005

	Fr	So	Jr	Sr	Total
Biology	0	1	3	4	8
Allied Health				0	0
Pre-Medicine					
Chemistry	0	0	3	5	8
Pre-Pharmacy					
Mathematics	0	2	1	2	5
Natural Science	1	0	1	5	7
Physical Science					
Physics					0
Pre-Engineering					
Total	1	3	8	16	28

Appendix D  
Majors by Class

School of Mathematical & Natural Sciences										
Major	1997	1998	1999	2000	2001	2002	2003	2004	2005	5 year mean
<b>Allied Health</b>										
Freshman	17	24	14	14	17	16	13	27	16	17.8
Sophomore	10	7	8	10	8	9	5	5	8	7
Junior	4	5	2	1	1	3	4	2	4	2.8
Senior	6	3	1	0	0	2	2	0	3	1.4
Pre-Freshman	0	0	0	1	0	0	0	0	0	0
Special	0	0	0	0	0	1	0	0	0	0.2
Post Bachelor	0	0	0	0	0	0	0	0	1	0.2
Total	37	39	25	26	26	31	24	34	32	29.4
<b>Biology</b>										
Freshman	6	9	5	10	9	13	14	10	10	11.2
Sophomore	7	4	4	7	5	6	12	8	7	7.6
Junior	8	10	4	5	6	9	8	10	7	8
Senior	8	8	6	8	7	10	11	13	11	10.4
Pre-Freshman	0	0	0	0	0	1	0	0	3	0.8
Special	0	0	0	0	0	0	0	0	0	0
Post Bachelor	0	0	0	0	0	1	0	3	0	0.8
Total	29	31	19	30	27	40	45	44	38	38.8
<b>Chemistry</b>										
Freshman	3	1	3	3	1	2	3	3	5	2.8
Sophomore	2	3	1	1	2	3	2	2	5	2.8
Junior	2	3	5	3	2	3	2	2	1	2
Senior	1	4	3	2	6	3	0	2	3	2.8
Pre-Freshman	0	0	0	0	0	1	0	0	0	0.2
Special	0	0	0	0	0	0	0	0	0	0
Post Bachelor	1	1	1	0	0	0	1	0	0	0.2
Total	9	12	13	9	11	12	8	9	14	10.8
<b>Mathematics</b>										
Freshman	5	3	5	6	3	4	3	3	7	4
Sophomore	2	5	3	2	3	6	8	6	3	5.2
Junior	2	1	5	6	4	3	5	5	6	4.6
Senior	9	5	8	5	8	6	11	13	7	9
Pre-Freshman	0	0	0	0	0	0	0	0	0	0
Special	0	0	1	0	0	0	0	0	0	0
Post Bachelor	0	0	1	1	3	0	0	0	0	0.6
Total	18	14	23	20	21	19	27	27	23	23.4
<b>Natural Science</b>										
Freshman	0	0	0	0	1	3	1	2	2	1.8
Sophomore	0	0	0	0	1	1	3	2	0	1.4
Junior	0	0	0	0	0	1	3	2	2	1.6
Senior	0	0	0	0	0	2	2	4	8	3.2
Pre-Freshman	0	0	0	0	0	0	0	0	0	0
Special	0	0	0	0	0	0	0	0	0	0
Post Bachelor	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	2	7	9	10	12	8

Appendix D  
Majors by Class

	1997	1998	1999	2000	2001	2002	2003	2004	2005	5 year mean
<b>Pre-Engineering</b>										
Freshman	14	12	16	7	9	8	6	4	7	6.8
Sophomore	5	4	5	2	2	3	1	1	2	1.8
Junior	2	0	2	0	0	0	2	0	0	0.4
Senior	0	0	0	1	0	0	0	0	0	0
Pre-Freshman	0	0	0	0	0	0	1	0	0	0.2
Special	0	0	0	0	0	0	0	0	0	0
Post Bachelor	0	0	0	0	0	0	0	0	0	0
Total	21	16	23	10	11	11	10	5	9	9.2
<b>Pre-Medicine</b>										
Freshman	33	37	41	29	24	21	26	28	19	23.6
Sophomore	15	11	13	15	14	20	9	5	5	10.6
Junior	2	5	5	7	11	7	10	7	5	8
Senior	8	3	1	3	5	5	7	3	2	4.4
Pre-Freshman	1	1	3	1	3	0	1	0	5	1.8
Special	0	0	0	0	0	1	0	0	0	0.2
Post Bachelor	2	1	0	0	0	0	0	2	0	0.4
Total	61	58	63	55	57	54	53	45	36	49
<b>Pre-Pharmacy</b>										
Freshman	3	7	7	7	15	10	11	13	14	12.6
Sophomore	3	0	4	6	5	11	3	6	9	6.8
Junior	1	1	3	5	4	3	9	2	4	4.4
Senior	0	0	0	3	3	4	3	3	1	2.8
Pre-Freshman	0	0	0	0	0	2	1	0	1	0.8
Special	0	0	0	0	0	0	0	0	0	0
Post Bachelor	0	0	0	1	1	0	0	0	2	0.6
Total	7	8	14	22	28	30	27	24	31	28
<b>School Totals</b>										
Freshman	81	93	91	76	79	77	77	90	80	80.6
Sophomore	44	34	38	43	40	59	43	35	39	43.2
Junior	21	25	26	27	28	29	43	30	29	31.8
Senior	32	23	19	22	29	32	36	38	35	34
Pre-Freshman	1	1	3	2	3	4	3	0	9	3.8
Special	0	0	1	0	0	2	0	0	0	0.4
Post Bachelor	3	2	2	2	4	1	1	5	3	2.8
Total	182	178	180	172	183	204	203	198	195	196.6

Appendix E  
Enrollment, SSCH, Contact Hours by Instructor

**Abedi F**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4403	1	MATH103	TRIGONOMETRY	3	3	26	78
051s	4404	1	MATH104	COLLEGE ALGEBRA	3	3	36	108
051s	4404	3	MATH104	COLLEGE ALGEBRA	3	3	38	114
051s	4445	1	MATH345	ABSTRCT ALGEBRA	3	3	7	21
				051s		12	107	321
051T	4404	1	MATH104	COLLEGE ALGEBRA	3	3	13	39
051T	4465	1	MATH465	READING/RESEARCH	3	3	5	15
051T	9529	1	MAED529	SPECIAL TOPICS	3	0	3	9
				051t		6	21	63
052s	4404	4	MATH104	COLLEGE ALGEBRA	3	3	28	84
052s	4451	1	MATH351	DISCRETE MATHMTCS	3	3	7	21
052s	4452	1	MATH352	DIFF EQU & MUL CAL	5	5	6	30
052s	4471	1	MATH471	MATHEMATICS SEM	1	1	1	1
				052s		12	42	136
				Year		30	170	520

**Annulis JT**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4425	1	MATH225	CALCULUS I	5	5	26	130
051s	4471	1	MATH471	MATHEMATICS SEM	1	1	2	2
				051s		6	28	132
				Year		6	28	132



**Belvin Reb**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4400	40	MATH1003	SURVEY OF MATH	3		6	18
051s	4400	41	MATH1003	SURVEY OF MATH	3		2	6
051s	4414	90	MATH0143	INTRO ALGEBRA	3		11	33
051s	4414	92	MATH0143	INTRO ALGEBRA	3		20	60
				051s			39	117
052s	4403	40	MATH1033	TRIGONOMETRY	3		2	6
052s	4404	38	MATH1043	COLLEGE ALGEBRA	3		3	9
052s	4404	39	MATH1043	COLLEGE ALGEBRA	3		6	18
052s	4404	44	MATH1043	COLLEGE ALGEBRA	3		8	24
052s	4404	46	MATH1043	COLLEGE ALGEBRA	3		11	33
052s	4404	49	MATH1043	COLLEGE ALGEBRA	3		4	12
052s	4404	50	MATH1043	COLLEGE ALGEBRA	3		2	6
052s	4404	57	MATH1043	COLLEGE ALGEBRA	3		9	27
052s	4404	58	MATH1043	COLLEGE ALGEBRA	3		4	12
052s	4404	59	MATH1043	COLLEGE ALGEBRA	3		10	30
				052s			59	177
				Year			98	294

**Bramlett M**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
042t	1611	1	CHEM1113	GENRL CHEMISTRY II	3	3	18	54
042t	1613	1	CHEM1131	GEN CHEM II LAB	1	3	13	13
042t	1667	1	SCED4671	SEM:CLASSROOM TCHG	1	1	1	1
				042t			7	32
								68
051s	1602	1	CHEM1023	INTRO CHEMISTRY	3	3	51	153
051s	1602	2	CHEM1023	INTRO CHEMISTRY	3	3	75	225
051s	1620	1	CHEM2203	INTRO ORG/BIOCHEM	3	3	18	54
051s	1621	1	CHEM2211	LAB INT ORG/BIOCHE	1	2	1	1
051s	1640	1	CHEM3404	ORGANIC I	4	3	35	140
051s	1640	51	CHEM3404	LAB ORGANIC I			3	18
051s	1640	52	CHEM3404	LAB ORGANIC I			3	17
051s	1669	5	CHEM469	SENIOR RESEARCH	2	0	1	2
				051s			20	216
								575
051T	1602	1	CHEM1023	INTRO CHEMISTRY	3	3	14	42
051T	1603	1	CHEM1031	INTRO CHEM LAB	1	2	8	8
				051t			5	22
								50
052s	1602	1	CHEM1023	INTRO CHEMISTRY	3	3	79	237
052s	1602	2	CHEM1023	INTRO CHEMISTRY	3	3	56	168
052s	1602	90	CHEM1023	INTRO CHEMISTRY	3	3	6	18
052s	1602	91	CHEM1023	INTRO CHEMISTRY	3	0	11	33
052s	1602	92	CHEM1023	INTRO CHEMISTRY	3	0	9	27
052s	1641	1	CHEM3414	ORGANIC II	4	3	23	92
052s	1641	51	CHEM3414	LAB ORGANIC II			3	6
052s	1641	52	CHEM3414	LAB ORGANIC II			3	17
				052s			18	207
				Year			50	477
								1268

**Carter Joe**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051T	1423	72	BIOL2233	ANAT & PHYS I	3		20	60
051T	1424	72	BIOL2243	ANAT & PHYS II	3		22	66
051T	1429	72	BIOL2291	LAB ANAT & PHYS I	1		17	17
051T	1430	72	BIOL2301	LAB ANAT & PHYS II	1		20	20
				051t			79	163
052s	1423	73	BIOL2233	ANAT & PHYS I	3		48	144
052s	1424	72	BIOL2243	ANAT & PHYS II	3		19	57
				052s			67	201
				Year			146	364





**Chappell J**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
042t	1407	1	BIOL1071	INTRO BIOL SCI LAB	1	2	17	17
042t	1407	2	BIOL1071	INTRO BIOL SCI LAB	1	2	14	14
				042t		4	31	31
051s	1407	1	BIOL1071	INTRO BIOL SCI LAB	1	2	30	30
051s	1407	2	BIOL1071	INTRO BIOL SCI LAB	1	2	32	32
051s	1407	3	BIOL1071	INTRO BIOL SCI LAB	1	2	25	25
051s	1423	72	BIOL2233	ANAT & PHYS I	3	3	51	153
051s	1429	1	BIOL2291	LAB ANAT & PHYS I	1	3	31	31
051s	1429	2	BIOL2291	LAB ANAT & PHYS I	1	3	32	32
051s	1429	3	BIOL2291	LAB ANAT & PHYS I	1	3	29	29
				051s		18	230	332
051T	1423	1	BIOL2233	ANAT & PHYS I	3	3	38	114
051T	1429	1	BIOL2291	LAB ANAT & PHYS I	1	3	30	30
				051t		6	68	144
052s	1407	1	BIOL1071	INTRO BIOL SCI LAB	1	2	30	30
052s	1407	3	BIOL1071	INTRO BIOL SCI LAB	1	2	24	24
052s	1407	4	BIOL1071	INTRO BIOL SCI LAB	1	2	13	13
052s	1429	71	BIOL2291	LAB ANAT & PHYS I	1	3	24	24
052s	1430	1	BIOL2301	LAB ANAT & PHYS II	1	3	15	15
052s	1430	2	BIOL2301	LAB ANAT & PHYS II	1	3	24	24
052s	1430	72	BIOL2301	LAB ANAT & PHYS II	1	3	12	12
				052s		18	142	142
				Year		46	471	649

## Enrollment, SSCH, Contact Hours by Instructor

**Creach Laura**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4404	40	MATH1043	COLLEGE ALGEBRA	3		3	9
051s	4404	41	MATH1043	COLLEGE ALGEBRA	3		2	6
				051s			5	15
052s	4404	41	MATH1043	COLLEGE ALGEBRA	3		1	3
052s	4404	42	MATH1043	COLLEGE ALGEBRA	3		2	6
052s	4404	43	MATH1043	COLLEGE ALGEBRA	3		23	69
052s	4404	47	MATH1043	COLLEGE ALGEBRA	3		3	9
052s	4404	48	MATH1043	COLLEGE ALGEBRA	3		5	15
052s	4404	51	MATH1043	COLLEGE ALGEBRA	3		15	45
052s	4404	52	MATH1043	COLLEGE ALGEBRA	3		3	9
052s	4404	53	MATH1043	COLLEGE ALGEBRA	3		8	24
052s	4404	54	MATH1043	COLLEGE ALGEBRA	3		5	15
052s	4404	55	MATH1043	COLLEGE ALGEBRA	3		4	12
052s	4404	56	MATH1043	COLLEGE ALGEBRA	3		10	30
052s	4425	40	MATH2255	CALCULUS I	5		5	25
052s	4425	41	MATH2255	CALCULUS I	5		13	65
052s	4425	42	MATH2255	CALCULUS I	5		3	15
052s	4425	43	MATH2255	CALCULUS I	5		2	10
				052s			102	352
				Year			214	734

**Dodd Vicki**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
052s	4418	71	MATH0183	INTERM ALGEBRA	3		22	66
				052s			22	66
				Year			22	66





**Efird E C**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4404	2	MATH1043	COLLEGE ALGEBRA	3	3	41	123
051s	4404	90	MATH1043	COLLEGE ALGEBRA	3	3	16	48
051s	4404	91	MATH1043	COLLEGE ALGEBRA	3	0	13	39
051s	4404	92	MATH1043	COLLEGE ALGEBRA	3	0	8	24
051s	4414	3	MATH0143	INTRO ALGEBRA	3	3	38	114
051s	4414	5	MATH0143	INTRO ALGEBRA	3	3	36	108
051s	4418	6	MATH0183	INTERM ALGEBRA	3	3	36	108
				051s			15	188
051T	4414	90	MATH0143	INTRO ALGEBRA	3	3	17	51
051T	4414	91	MATH0143	INTRO ALGEBRA	3	0	9	27
051T	4414	92	MATH0143	INTRO ALGEBRA	3	0	8	24
051T	4414	93	MATH0143	INTRO ALGEBRA	3	0	2	6
				051t			3	36
052s	4414	4	MATH0143	INTRO ALGEBRA	3	3	29	87
052s	4418	4	MATH0183	INTERM ALGEBRA	3	3	37	111
052s	4425	1	MATH2255	CALCULUS I	5	5	23	115
				052s			11	89
				Year			29	313

**Gathen Krist**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4414	74	MATH0143	INTRO ALGEBRA	3		9	27
				051s			9	27
				Year			9	27

**Gibson W W**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1423	71	BIOL2233	ANAT & PHYS I	3		29	87
051s	1429	71	BIOL2291	LAB ANAT & PHYS I	1		28	28
				051s			57	115
051T	1424	71	BIOL2243	ANAT & PHYS II	3		10	30
051T	1430	71	BIOL2301	LAB ANAT & PHYS II	1		10	10
				051t			20	40
052s	1423	71	BIOL2233	ANAT & PHYS I	3		29	87
052s	1424	71	BIOL2243	ANAT & PHYS II	3		19	57
052s	1430	71	BIOL2301	LAB ANAT & PHYS II	1		18	18
				052s			66	162
				Year			143	317

**Godwin WE**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1610	1	CHEM1103	GENRL CHEMISTRY I	3	3	32	96
051s	1610	2	CHEM1103	GENRL CHEMISTRY I	3	3	36	108
051s	1631	1	CHEM3314	QUANT ANALYSIS	4	3	5	20
051s	1631	51	CHEM3314	QUANT ANALYSIS LAB		3	5	0
				051s		12	78	224
051T	1610	1	CHEM1103	GENRL CHEMISTRY I	3	3	13	39
051T	1612	1	CHEM1121	GEN CHEM I LAB	1	3	8	8
				051t		6	21	47
052s	1610	1	CHEM1103	GENRL CHEMISTRY I	3	3	26	78
052s	1611	1	CHEM1113	GENRL CHEMISTRY II	3	3	19	57
052s	1671	1	CHEM4714	PHYS CHEM:KIN&QUAN	4	3	3	12
052s	1671	51	CHEM4714	LAB PHYS CHEM:KIN QM		3	3	0
				052s		12	51	147
				Year		30	150	418

**Guenter JM**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1203	1	ASTR1033	ELMNTS OF ASTRNMY	3	3	44	132
051s	1204	1	ASTR1041	ASTRONOMY LAB	1	2	20	20
051s	1204	2	ASTR1041	ASTRONOMY LAB	1	2	18	18
051s	1204	3	ASTR1041	ASTRONOMY LAB	1	2	10	10
051s	5600	1	PHYS1003	ELEMENTS	3	3	13	39
				051s		12	105	219
052s	1203	1	ASTR1033	ELMNTS OF ASTRNMY	3	3	47	141
052s	1204	1	ASTR1041	ASTRONOMY LAB	1	2	24	24
052s	1204	2	ASTR1041	ASTRONOMY LAB	1	2	18	18
052s	5600	1	PHYS1003	ELEMENTS	3	3	24	72
052s	5602	1	PHYS1021	ELEM PHYSICS LAB	1	2	17	17
				052s		12	130	272
				Year		24	235	491

**Hunt JL**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
042t	1424	1	BIOL2243	ANAT & PHYS II	3	3	22	66
042t	1430	1	BIOL2301	LAB ANAT & PHYS II	1	3	17	17
				042t			6	39
051s	1406	2	BIOL1063	INTRO BIOL SCIENCE	3	3	74	222
051s	1406	61	BIOL1063	INTRO BIOL SCIENCE	3	3	16	48
051s	1407	61	BIOL1071	INTRO BIOL SCI LAB	1	2	30	30
051s	1441	1	BIOL3413	MAMMALOGY	3	3	17	51
051s	1445	1	BIOL3451	MAMMALOGY LAB	1	3	15	15
051s	1474	1	BIOL4741	BIOLOGY SEMINAR	1	1	8	8
				051s			15	160
052s	1407	5	BIOL1071	INTRO BIOL SCI LAB	1	2	29	29
052s	1408	1	BIOL1083	PRIN BIOLOGY II	3	3	9	27
052s	1409	1	BIOL1091	PRIN BIOL II LAB	1	3	7	7
052s	1475	1	BIOL4753	ST:VERTEBR POP ANALY	2	0	4	8
052s	1476	1	BIOL3763	EVOLUTION	3	3	17	51
				052s			11	66
				Year			32	265

**Luper Cindy**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
052s	4418	74	MATH0183	INTERM ALGEBRA	3		16	48
				052s			16	48
				Year			16	48

**Lynde LF**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
042t	9529	1	MAED5293	ST:MID SCH GEOMETRY	3	3	32	96
042t	9529	2	MAED5293	ST:TCH GEOM/MEASURE	3	3	32	96
				042t			6	64
051s	4418	8	MATH0183	INTERM ALGEBRA	3	3	21	63
051s	4466	1	MAED4663	METHODS TCH MATH	3	3	7	21
051s	9529	1	MAED5293	ST:MATH COACH TR III	3	3	10	30
				051s			9	38
052s	4400	1	MATH1003	SURVEY OF MATH	3	3	23	69
052s	4418	8	MATH0183	INTERM ALGEBRA	3	3	30	90
				052s			6	
				Year			21	155

## Enrollment, SSCH, Contact Hours by Instructor

**Martens Jer**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
052s	4414	74	MATH0143	INTRO ALGEBRA	3		21	63
				052s	3		21	63
				Year	3		21	63

**McConnell R**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1663	1	CHEM4634	BIOCHEMISTRY I	4	3	8	32
051s	1663	51	CHEM4634	LAB BIOCHEMISTRY I		3	8	0
				051s		6	16	32
052s	1467	1	BIOL4673	PHARMACOLOGY	3	3	27	81
052s	1664	1	CHEM4643	BIOCHEMISTRY II	3	3	4	12
052s	1669	1	CHEM469\	SENIOR RESEARCH	1	0	1	1
				052s		6	32	94
				Year		12	48	126

**Nelson GT**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4404	5	MATH1043	COLLEGE ALGEBRA	3	3	37	111
051s	4414	2	MATH0143	INTRO ALGEBRA	3	3	31	93
051s	4414	4	MATH0143	INTRO ALGEBRA	3	3	33	99
051s	4414	7	MATH0143	INTRO ALGEBRA	3	3	24	72
051s	4418	1	MATH0183	INTERM ALGEBRA	3	3	33	99
				051s		15	158	474
052s	4414	1	MATH0143	INTRO ALGEBRA	3	3	30	90
052s	4414	3	MATH0143	INTRO ALGEBRA	3	3	31	93
052s	4418	2	MATH0183	INTERM ALGEBRA	3	3	32	96
052s	4418	5	MATH0183	INTERM ALGEBRA	3	3	27	81
052s	4418	90	MATH0183	INTERM ALGEBRA	3	3	5	15
052s	4418	91	MATH0183	INTERM ALGEBRA	3	0	1	3
052s	4418	92	MATH0183	INTERM ALGEBRA	3	0	8	24
				052s		15	134	402
				Year		30	292	876



## Enrollment, SSCH, Contact Hours by Instructor

**Nordeen R**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1436	1	BIOL3363	CELL BIOLOGY	3	3	13	39
051s	1455	1	BIOL3553	MICROBIOLOGY	3	3	39	117
051s	1456	1	BIOL3561	MICROBIOLOGY LAB	1	3	20	20
051s	1456	2	BIOL3561	MICROBIOLOGY LAB	1	3	16	16
				051s			12	88
				051t			88	192
051T	1455	1	BIOL3553	MICROBIOLOGY	3	3	16	48
051T	1456	1	BIOL3561	MICROBIOLOGY LAB	1	3	13	13
				051t			6	29
				051s			88	192
052s	1435	1	BIOL3354	GENETICS	4	3	13	52
052s	1435	51	BIOL3354	LAB GENETICS			11	0
052s	1455	1	BIOL3553	MICROBIOLOGY	3	3	41	123
052s	1456	1	BIOL3561	MICROBIOLOGY LAB	1	3	24	24
052s	1456	2	BIOL3561	MICROBIOLOGY LAB	1	3	9	9
				052s			12	98
				Year			30	215
							215	461

**Orrell P**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
052s	1429	73	BIOL2291	LAB ANAT & PHYS I	1		25	25
052s	1429	74	BIOL2291	LAB ANAT & PHYS I	1		17	17
				052s			42	42
				Year			42	42

**Price Anna**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1429	72	BIOL2291	LAB ANAT & PHYS I	1		21	21
051s	1429	73	BIOL2291	LAB ANAT & PHYS I	1		24	24
				051s			45	45
				Year			45	45

**Rogers JoAnn**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	4400	46	MATH1003	SURVEY OF MATH	3		8	24
052s	4404	40	MATH1043	COLLEGE ALGEBRA	3		8	24
				052s			16	48
				Year			16	48



## Enrollment, SSCH, Contact Hours by Instructor

**Sayyar K**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
042t	1805	3	ESCI1051	ELMTS OF GEOL LAB	1	2	14	14
042t	1805	4	ESCI1051	ELMTS OF GEOL LAB	1	2	13	13
				042t			4	27
							27	27
051s	1603	1	CHEM1031	INTRO CHEM LAB	1	2	35	35
051s	1603	2	CHEM1031	INTRO CHEM LAB	1	2	30	30
051s	1603	3	CHEM1031	INTRO CHEM LAB	1	2	35	35
051s	1612	1	CHEM1121	GEN CHEM I LAB	1	3	16	16
051s	1612	2	CHEM1121	GEN CHEM I LAB	1	3	22	22
051s	1612	3	CHEM1121	GEN CHEM I LAB	1	3	15	15
				051s			15	153
							153	153
052s	1603	1	CHEM1031	INTRO CHEM LAB	1	2	36	36
052s	1603	2	CHEM1031	INTRO CHEM LAB	1	2	34	34
052s	1603	3	CHEM1031	INTRO CHEM LAB	1	2	32	32
052s	1612	1	CHEM1121	GEN CHEM I LAB	1	3	19	19
052s	1613	1	CHEM1131	GEN CHEM II LAB	1	3	10	10
052s	1613	2	CHEM1131	GEN CHEM II LAB	1	3	7	7
				052s			15	138
							138	138
				Year			34	318
							318	318

**Serna Juan D**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	5602	1	PHYS1021	ELEM PHYSICS LAB	1	2	14	14
051s	5620	1	PHYS2203	GENERAL I	3	3	28	84
051s	5621	1	PHYS2213	GENERAL II	3	3	7	21
051s	5623	1	PHYS2231	LAB PHYSICS I	1	2	13	13
051s	5623	2	PHYS2231	LAB PHYSICS I	1	2	14	14
				051s			12	76
							76	146
052s	5620	1	PHYS2203	GENERAL I	3	3	24	72
052s	5621	1	PHYS2213	GENERAL II	3	3	13	39
052s	5623	1	PHYS2231	LAB PHYSICS I	1	2	9	9
052s	5623	2	PHYS2231	LAB PHYSICS I	1	2	12	12
052s	5624	1	PHYS2241	LAB PHYSICS II	1	2	15	15
052s	5631	1	PHYS2313	UNIV PHYS I	3	3	3	9
				052s			15	76
							76	156
				Year			27	302
							302	302

## Enrollment, SSCH, Contact Hours by Instructor

**Sims C**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1404	1	BIOL1041	PRIN BIOL I LAB	1	3	22	22
051s	1405	1	BIOL1053	PRIN BIOLOGY I	3	3	23	69
051s	1423	1	BIOL2233	ANAT & PHYS I	3	3	69	207
051s	1423	2	BIOL2233	ANAT & PHYS I	3	3	44	132
051s	1469	1	BIOL469V	SENIOR RESEARCH	1	0	1	1
				051s			12	159
052s	1424	1	BIOL2243	ANAT & PHYS II	3	3	40	120
052s	1452	1	BIOL3524	ORNITHOLOGY	4	3	10	40
052s	1452	51	BIOL3524	ORNITHOLOGY LAB		3	10	0
052s	1463	1	BIOL4634	VERTBRT PHYSIOLOGY	4	3	12	48
052s	1463	51	BIOL4634	LAB VERTEBRT PHYSIOL		3	12	0
052s	1474	1	BIOL4741	BIOLOGY SEMINAR	1	1	3	3
				052s			16	87
				Year			28	246

**Sundell E**

Term	Seq	Sec	Dep No	Course	CR	Con	Enr	SSCH
051s	1406	1	BIOL1063	INTRO BIOL SCIENCE	3	3	71	213
051s	1414	1	BIOL1143	GEN BOTANY	3	3	30	90
051s	1417	1	BIOL1171	GEN BOTANY LAB	1	3	20	20
051s	1417	2	BIOL1171	GEN BOTANY LAB	1	3	18	18
				051s			12	139
051T	1458	79	BIOL358V	NATURAL HISTORY	3	3	1	3
051T	9319	79	GSCI519V	ST:FLORA WASHINGTON	3	3	2	6
051T	9326	79	GSCI5263	ADV FIELD BIOLOGY	3	6	1	3
				051t			4	12
052s	1406	1	BIOL1063	INTRO BIOL SCIENCE	3	3	41	123
052s	1406	2	BIOL1063	INTRO BIOL SCIENCE	3	3	59	177
052s	1414	1	BIOL1143	GEN BOTANY	3	3	17	51
052s	1417	1	BIOL1171	GEN BOTANY LAB	1	3	13	13
				052s			12	130
				Year			30	273



		Term Enrollment	992t	001s	002s	001t	00-01	002t	011s	012s	011t	01-02
1203	ASTR1033	ELMNTS OF ASTRNMY		40	39		79		43	49		92
1204	ASTR1041	ASTRONOMY LAB			23		23			29		29
		<b>Total for ASTR</b>	<b>0</b>	<b>40</b>	<b>62</b>	<b>0</b>	<b>102</b>	<b>0</b>	<b>43</b>	<b>78</b>	<b>0</b>	<b>121</b>
1406	BIOL1063	BIOLOGICAL SCIENCE	51	169	152	37	409	19	143	169	37	368
1407	BIOL1071	BIOLOGICL SCI LAB	28	116	124	26	294	17	119	141	32	309
1414	BIOL1144	GENERAL BOTANY		45			45		35			35
1417	BIOL1171	BOTANY LAB		44			44		36			36
1415	BIOL1153	GENERAL ZOOLOGY		38	70		108		44	71		115
1416	BIOL1161	GENERAL ZOOLOGY LB		33	63		96		33	65		98
1422	BIOL2223	HUMAN ANATOMY		84	89	35	208		80	69	34	183
1426	BIOL2261	HUMAN ANATOMY LAB		75	68	21	164		66	62	30	158
1423	BIOL2233	ANATOMY & PHYSIOLOGY I										
1429	BIOL2291	ANATOMY & PHYSIOLOGY I LAB										
1424	BIOL2243	ANATOMY & PHYSIOLOGYII										
1429	BIOL2301	ANATOMY & PHYSIOLOGYII LAB										
1427	BIOL2273	HUMAN PHYSIOLOGY	22	29			51	21	31			52
1428	BIOL2281	HUMAN PHYS. LAB	18	29			47	17	28			45
1431	BIOL3314	ICTHYOLGY/HERPETGY			26		26					
1433	BIOL3333	MOLECULAR BIOLOGY										
1432	BIOL3324	ORINTHOLOGY/MAMMLGY			2		2			20		20



		Term Enrollment	992t	001s	002s	001t	00-01	002t	011s	012s	011t	01-02
1472	BIOL4724	AQUATIC BIOLOGY							4			4
1468	BIOL4683	PATHOPHYSIOLOGY			39		39			44		44
1469	BIOL479V	SENIOR RESEARCH		2			2			1		1
1471	BIOL4711	SEM IN TEACH BIOLOGY										
1480	BIOL3801	MAMMALIAN ANAT LAB		12			12		17			17
		<b>Total for BIOL</b>	<b>121</b>	<b>788</b>	<b>739</b>	<b>170</b>	<b>1818</b>	<b>74</b>	<b>665</b>	<b>785</b>	<b>191</b>	<b>1715</b>
1602	CHEM1023	INTRODUCTORY		92	88	17	197		123	119	14	256
1603	CHEM1031	INTRO CHEM LAB		64	59	7	130		100	71	8	179
1610	CHEM1103	GENRL CHEMISTRY I		65	25	12	102		82	40	24	146
1612	CHEM1121	GEN CHEM I LAB		61	18	7	86		67	26	21	114
1611	CHEM1113	GENRL CHEMISTRY II	20		29		49	10	8	38		56
1613	CHEM1131	GEN CHEM II LAB	16		26		42	5	4	36		45
1620	CHEM2203	INTRO ORG/BIOCHEM	12	24	30		66	9	17	13		39
1621	CHEM2211	INTRO ORG/BIOCHEM LAB								4		4
1631	CHEM3314	QUANT ANALYSIS		9			9		9			9
1640	CHEM3404	ORGANIC I		29			29		30			30
1641	CHEM3414	ORGANIC II			13		13			17		17
1644	CHEM3444	INSTRUM ANALYSIS			6		6					



		Term Enrollment	992t	001s	002s	001t	00-01	002t	011s	012s	011t	01-02
1645	CHEM3454	ORGANIC ANALYSIS										
1650	CHEM 4503	SPECIAL TOPICS										
1661	CHEM4611	CHEMISTRY SEMINAR		1	1		2			1		1
1662	CHEM4624	ADV INORGANIC							6			6
1663	CHEM4634	BIOCHEMISTRY I							10			10
1664	CHEM4643	BIOCHEMISTRY II										
1666	SCED 4663	PRACT SCI TCH		1	1		2					
1669	CHEM469V	SENIOR RESEARCH		2	2	1	5	1	1	2		4
1670	CHEM4704	PHYSICAL CHEM I			7		7			8		8
1671	CHEM4714	PHYS CHEM: K & QM										
1672	CHEM4721	SEM CHEM TCH									1	1
1679	CHEM479V	IND STUDY										
		<b>Total for CHEM</b>	<b>48</b>	<b>348</b>	<b>305</b>	<b>44</b>	<b>745</b>	<b>25</b>	<b>457</b>	<b>375</b>	<b>68</b>	<b>925</b>
1805	ESCI1051	ELEMENTS OF GEOL LAB		70	73		143	29	104			133
1806	ESCI1063	ELEMENTS OF GEOLOGY		103	73		176	46	103			149
1807	ESCI1073	EARTH & ATMOSPHERE								102		102
1808	ESCI1081	EARTH & ATMOSPHERE LAB								72		72
1858	ESCI358V	NATURAL HISTORY	2			1	3				2	2
		<b>Total for ESCI</b>	<b>2</b>	<b>173</b>	<b>146</b>	<b>1</b>	<b>322</b>	<b>75</b>	<b>207</b>	<b>174</b>	<b>2</b>	<b>458</b>

		Term Enrollment	992t	001s	002s	001t	00-01	002t	011s	012s	011t	01-02
2323	FOR 2231	DENDROLOGY I LAB							60			60
2629	FOR 2291	DENDROLOGY II LAB								34		34
		<b>Total for DENDR</b>						<b>0</b>	<b>60</b>	<b>34</b>	<b>0</b>	<b>94</b>
4414	MATH0143	INTRO ALGEBRA		258	170	38	466		253	204	36	493
4418	MATH0183	INTERM ALGEBRA	22	260	241	50	573	22	259	218	39	538
4400	MATH1003	SURVEY OF MATH		80	50	13	143		63	45	14	122
4403	MATH1033	TRIGONOMETRY		35	34	7	76		45	56		101
4404	MATH1043	COLLEGE ALGEBRA	33	254	205	37	529	52	250	189	31	522
4407	MATH1073	COMPACT CALCULUS			21		21			14		14
4417	MATH1174	PRECALCULUS		11			11					
4425	MATH2254	CALCULUS I		20	15		35					
4425	MATH2255	CALCULUS I							14	19		33
4426	MATH2264	CALCULUS II		9	6		15		12			12
4449	MATH3495	CALCULUS II								7		7
4427	MATH2274	CALCULUS III		6	3		9		5			5
4423	MATH3233	HISTORY OF MATH	8		5		13					
4440	MATH3403	PROB & STAT							15			15
4424	MATH2243	FUND GEOMETRIC CON			21		21					
4441	MATH3413	NUMBER THEORY		8			8					

		Term Enrollment	992t	001s	002s	001t	00-01	002t	011s	012s	011t	01-02
4442	MATH3423	COL GEOMETRY		4			4					
4445	MATH3453	ABSTRCT ALGEBRA							15			15
4446	MATH3463	LINEAR ALGEBRA						12				12
4452	MATH23525	DIF EQU & MULTI-DIM CAL								10		10
4455	MATH3553	NUMBER SYSTEMS	18	18		12	48					
4446	MATH3483	MATH MODELING										
4451	MATH3513	DISCRETE MATH								12		12
4461	MATH4613	DIFFNTL EQUATIONS			13		13					
4465	MATH465V	READING/RESEARCH								9		9
4471	MATH4711	MATHEMATICS SEMINAR										
4479	MATH479V	IND STUDY		1		1	2			1	1	2
		<b>Total for MATH</b>	<b>81</b>	<b>964</b>	<b>784</b>	<b>158</b>	<b>1987</b>	<b>86</b>	<b>931</b>	<b>784</b>	<b>121</b>	<b>1922</b>
5600	PHYS1003	ELEMENTS			21		21					
5602	PHYS1021	ELEM PHYSICS LAB			27		27					
5620	PHYS2203	GENERAL I		26	21		47		17	21		38
5621	PHYS2213	GENERAL II			17		17		8	11		19
5623	PHYS2231	LAB PHYSICS I		30	14		44		25	24		49
5624	PHYS2241	LAB PHYSICS II		2	15		17		5	10		15

		Term Enrollment	992t	001s	002s	001t	00-01	002t	011s	012s	011t	01-02
5631	PHYS2313	UNIV PHYS I							1			1
5632	PHYS2323	UNIV PHYSICS II		2			2					
5635	PHYS2354	RADIATION PHYSICS										
5640	PHYS3404	MODERN PHYSICS										
5644	PHYS3444	OPTICS										
5660	PHYS4603	MECHANICS										
		<b>Total for PHYS</b>	<b>0</b>	<b>60</b>	<b>115</b>	<b>0</b>	<b>175</b>	<b>0</b>	<b>56</b>	<b>66</b>	<b>0</b>	<b>122</b>
9304	GSCI5043	ADVANCED GEOLOGY	2			3	5				2	2
9306	GSCI5063	ADV: CHEM										
9319	GSCI519V	IND STUDY	3	22		2	27		20			20
9339	GSCI539V	ADV ENVR SCI										
9326	GSCI5263	ADV FIELD BIOLOGY	2			2	4				2	2
9328	GSCI528V	ST:ADV SCI TEACHING	3			1	4				1	1
9339	GSCI539V	IND STUDY			2	3	5				1	1
9359	GSCI559V	IND STUDY	1			2	3				2	2
9379	GSCI579V	IND STUDY	2				2					
		<b>Total for GSCI</b>	<b>13</b>	<b>22</b>	<b>2</b>	<b>13</b>	<b>50</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>8</b>	<b>28</b>
4466	MAED4663	METHODS		1			1		4			4

		<b>Term Enrollment</b>	<b>992t</b>	<b>001s</b>	<b>002s</b>	<b>001t</b>	<b>00-01</b>	<b>002t</b>	<b>011s</b>	<b>012s</b>	<b>011t</b>	<b>01-02</b>
9501	MAED5013	GEOMETRY					0					
9502	MAED5023	LINEAR ALGEBRA					0	4				4
9503	MAED5033	PROB & STAT							3			3
9504	MAED5043	INTERM ANALYSIS					0					
9520	MAED5203	HISTORY OF MATH	1				1					
9524	MAED5243	MODERN ALGEBRA					0					
9529	MAED5293	TOPICS IN MATH					0					
9579	MAED579V	IND STUDY:STATISTICS				2	2					
		<b>Total for MAED</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>7</b>	<b>0</b>	<b>0</b>	<b>11</b>
1667	SCED4671	SEM:CLASSROOM TCH										
		<b>Total for M &amp; S</b>	<b>266</b>	<b>2407</b>	<b>2165</b>	<b>388</b>	<b>5226</b>	<b>264</b>	<b>2446</b>	<b>2296</b>	<b>390</b>	<b>5396</b>



		<b>Term Enrollment</b>	<b>012t</b>	<b>021s</b>	<b>022s</b>	<b>021t</b>	<b>02-03</b>	<b>022t</b>	<b>031s</b>	<b>032s</b>	<b>031t</b>	<b>03-04</b>
1435	BIOL3354	GENETICS			14		14			23		23
1440	BIOL1403	CELL & MOLECULAR										
1441	BIOL3413	MAMMALOGY							3			3
1445	BIOL3451	MAMMALOGY LAB							2			2
1443	BIOL3434	REGIONAL FLORA			10		10					
1448	BIOL3484	GENERAL ECOLOGY		26			26		22			22
1449	BIOL3493	ENVRNMNTL SCIENCE										
1450	BIOL3503	MARINE BIOLOGY				9	9				9	9
1451	BIOL3511	MARINE BIOLOGY LAB				8	8				8	8
1455	BIOL3553	MICROBIOLOGY		43	46	21	110		41	48		89
1456	BIOL3561	MICROBIOLOGY LAB		38	43	14	95	1	40	43		84
1457	BIOL3574	COMPARATIVE ANATOMY							10			10
1458	BIOL358V	NATURAL HISTORY	6	1	1	2	10				1	1
1460	BIOL4602	SEMINAR EVOL BIOL		12			12		16			16
1446	BIOL4624	EMBRYOLOGY										
1463	BIOL4634	VERTBRT PHYSIOLOGY			24		24			21		21
1466	BIOL4664	MAMMALIAN HISTOLOGY		8			8					
1467	BIOL4673	PHARMACOLOGY			21		21			20		20

		Term Enrollment	012t	021s	022s	021t	02-03	022t	031s	032s	031t	03-04
1472	BIOL4724	AQUATIC BIOLOGY							4			4
1468	BIOL4683	PATHOPHYSIOLOGY			58		58	14	13	54	17	98
1469	BIOL479V	SENIOR RESEARCH	1	1	2		4		1			1
1471	BIOL4711	SEM IN TEACH BIOLOGY							2			2
1480	BIOL3801	MAMMALIAN ANAT LAB		21			21		7			7
		<b>Total for BIOL</b>	<b>107</b>	<b>815</b>	<b>773</b>	<b>153</b>	<b>1848</b>	<b>78</b>	<b>866</b>	<b>791</b>	<b>160</b>	<b>1895</b>
1602	CHEM1023	INTRODUCTORY		124	111		235		134	117		251
1603	CHEM1031	INTRO CHEM LAB		93	87		180		99	83		182
1610	CHEM1103	GENRL CHEMISTRY I		82	25	25	132		59	39	17	115
1612	CHEM1121	GEN CHEM I LAB		72	18	11	101		56	23	11	90
1611	CHEM1113	GENRL CHEMISTRY II	32	14	49		95	11	9	23		43
1613	CHEM1131	GEN CHEM II LAB	24	10	34		68	9	5	20		34
1620	CHEM2203	INTRO ORG/BIOCHEM			13		13			14		14
1621	CHEM2211	INTRO ORG/BIOCHEM LAB			1		1					
1631	CHEM3314	QUANT ANALYSIS		18			18		4			4
1640	CHEM3404	ORGANIC I		32			32		35			35
1641	CHEM3414	ORGANIC II			24		24			15		15
1644	CHEM3444	INSTRUM ANALYSIS			14		14					



		Term Enrollment	012t	021s	022s	021t	02-03	022t	031s	032s	031t	03-04
1645	CHEM3454	ORGANIC ANALYSIS		6			6					
1650	CHEM 4503	SPECIAL TOPICS										
1661	CHEM4611	CHEMISTRY SEMINAR		2			2			1	1	2
1662	CHEM4624	ADV INORGANIC										
1663	CHEM4634	BIOCHEMISTRY I							16			16
1664	CHEM4643	BIOCHEMISTRY II								11		11
1666	SCED 4663	PRACT SCI TCH				1	1					
1669	CHEM469V	SENIOR RESEARCH		2	1	1	4		1	4	1	6
1670	CHEM4704	PHYSICAL CHEM I			7		7			7		7
1671	CHEM4714	PHYS CHEM: K & QM										
1672	CHEM4721	SEM CHEM TCH		1			1					
1679	CHEM479V	IND STUDY										
		<b>Total for CHEM</b>	<b>56</b>	<b>480</b>	<b>360</b>	<b>38</b>	<b>934</b>	<b>20</b>	<b>418</b>	<b>357</b>	<b>30</b>	<b>825</b>
1805	ESCI1051	ELEMENTS OF GEOL LAB	44	69	1		114	35	70		43	148
1806	ESCI1063	ELEMENTS OF GEOLOGY	53	100			153	42	100		41	183
1807	ESCI1073	EARTH & ATMOSPHERE			100		100			116		116
1808	ESCI1081	EARTH & ATMOSPHERE LAB			70	1	71			89		89
1858	ESCI358V	NATURAL HISTORY				3	3					
		<b>Total for ESCI</b>	<b>97</b>	<b>169</b>	<b>171</b>	<b>4</b>	<b>441</b>	<b>77</b>	<b>170</b>	<b>205</b>	<b>84</b>	<b>536</b>

		Term Enrollment	012t	021s	022s	021t	02-03	022t	031s	032s	031t	03-04
2323	FOR 2231	DENDROLOGY I LAB		18			18		29			29
2629	FOR 2291	DENDROLOGY II LAB			17		17					
		<b>Total for DENDR</b>		<b>18</b>	<b>17</b>	<b>0</b>	<b>35</b>		<b>29</b>			
4414	MATH0143	INTRO ALGEBRA		280	232	44	556	18	342	263	28	651
4418	MATH0183	INTERM ALGEBRA	27	258	235	50	570	30	288	275	39	632
4400	MATH1003	SURVEY OF MATH		42	37	11	90		39	29		68
4403	MATH1033	TRIGONOMETRY	26	58	83	7	174		61	64		125
4404	MATH1043	COLLEGE ALGEBRA	28	285	137	21	471	33	279	149	12	473
4407	MATH1073	COMPACT CALCULUS			16		16			25		25
4417	MATH1174	PRECALCULUS										
4425	MATH2254	CALCULUS I										
4425	MATH2255	CALCULUS I		30	24		54		20	13		33
4426	MATH2264	CALCULUS II										
4449	MATH3495	CALCULUS II		4	7		11		5	8		13
4427	MATH2274	CALCULUS III										
4423	MATH3233	HISTORY OF MATH			10		10					
4440	MATH3403	PROB & STAT							16			16
4424	MATH2243	FUND GEOMETRIC CON			4		4					
4441	MATH3413	NUMBER THEORY		11			11					

		Term Enrollment	012t	021s	022s	021t	02-03	022t	031s	032s	031t	03-04
4442	MATH3423	COL GEOMETRY		8			8					
4445	MATH3453	ABSTRCT ALGEBRA							15			15
4446	MATH3463	LINEAR ALGEBRA			19		19					
4452	MATH23525	DIF EQU & MULTI-DIM CAL			9		9			10		10
4455	MATH3553	NUMBER SYSTEMS							3			3
4446	MATH3483	MATH MODELING										
4451	MATH3513	DISCRETE MATH								13		13
4461	MATH4613	DIFFNTL EQUATIONS										
4465	MATH465V	READING/RESEARCH	12			6	18	6		3		9
4471	MATH4711	MATHEMATICS SEMINAR			5		5		1	8		9
4479	MATH479V	IND STUDY	1				1					
		<b>Total for MATH</b>	<b>94</b>	<b>976</b>	<b>818</b>	<b>139</b>	<b>2027</b>	<b>87</b>	<b>1069</b>	<b>860</b>	<b>79</b>	<b>2095</b>
5600	PHYS1003	ELEMENTS		17	19		36		14	13		27
5602	PHYS1021	ELEM PHYSICS LAB		11	13		24		11	10		21
5620	PHYS2203	GENERAL I		39	24		63		35	25		60
5621	PHYS2213	GENERAL II		11	12		23		11	20		31
5623	PHYS2231	LAB PHYSICS I		33	24		57		33	23	1	57
5624	PHYS2241	LAB PHYSICS II		9	16		25		9	16		25

		Term Enrollment	012t	021s	022s	021t	02-03	022t	031s	032s	031t	03-04
5631	PHYS2313	UNIV PHYS I										
5632	PHYS2323	UNIV PHYSICS II										
5635	PHYS2354	RADIATION PHYSICS										
5640	PHYS3404	MODERN PHYSICS								1		1
5644	PHYS3444	OPTICS										
5660	PHYS4603	MECHANICS										
		<b>Total for PHYS</b>	<b>0</b>	<b>120</b>	<b>108</b>	<b>0</b>	<b>228</b>		<b>114</b>	<b>107</b>	<b>1</b>	<b>222</b>
9304	GSCI5043	ADVANCED GEOLOGY				2	2					
9306	GSCI5063	ADV: CHEM								1		1
9319	GSCI519V	IND STUDY		9	8	1	18					
9339	GSCI539V	ADV ENVR SCI								1		1
9326	GSCI5263	ADV FIELD BIOLOGY				3	3					
9328	GSCI528V	ST:ADV SCI TEACHING				1	1					
9339	GSCI539V	IND STUDY				1	1			3		3
9359	GSCI559V	IND STUDY				1	1					
9379	GSCI579V	IND STUDY										
		<b>Total for GSCI</b>	<b>0</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>26</b>			<b>5</b>		<b>5</b>
4466	MAED4663	METHODS								5		5

		<b>Term Enrollment</b>	<b>012t</b>	<b>021s</b>	<b>022s</b>	<b>021t</b>	<b>02-03</b>	<b>022t</b>	<b>031s</b>	<b>032s</b>	<b>031t</b>	<b>03-04</b>
9501	MAED5013	GEOMETRY				7	7					
9502	MAED5023	LINEAR ALGEBRA										
9503	MAED5033	PROB & STAT										
9504	MAED5043	INTERM ANALYSIS										
9520	MAED5203	HISTORY OF MATH										
9524	MAED5243	MODERN ALGEBRA										
9529	MAED5293	TOPCS IN MATH	1				1	3			16	19
9579	MAED579V	IND STUDY:STATISTICS										
		<b>Total for MAED</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>8</b>	<b>3</b>	<b>5</b>		<b>16</b>	<b>24</b>
1667	SCED4671	SEM:CLASSROOM TCH										
		<b>Total for M &amp; S</b>	<b>355</b>	<b>2657</b>	<b>2346</b>	<b>350</b>	<b>5708</b>	<b>265</b>	<b>2735</b>	<b>2417</b>	<b>370</b>	<b>5758</b>

		Term Enrollment	032t	041s	042s	041t	04-05	042t	051s	052s	051t	05-06
1203	ASTR1033	ELMNTS OF ASTRNMY		44	44		88		44	47		91
1204	ASTR1041	ASTRONOMY LAB		51	54		105		48	42		90
		<b>Total for ASTR</b>		<b>95</b>	<b>98</b>		<b>193</b>		<b>92</b>	<b>89</b>		<b>181</b>
1404	BIOL1041	PRIN BIOL I LAB							22			22
1405	BIOL1053	PRIN BIOLOGY I							23			23
1406	BIOL1063	BIOLOGICAL SCIENCE	53	208	187	10	458	24	161	161	31	377
1407	BIOL1071	BIOLOGICL SCI LAB	39	125	151		315	31	117	145	22	315
1414	BIOL1144	GENERAL BOTANY		46	14		60		30	17		47
1417	BIOL1171	BOTANY LAB	1	50			51		38	13		51
1415	BIOL1153	GENERAL ZOOLOGY		27	58		85		21	47		68
1416	BIOL1161	GENERAL ZOOLOGY LB		23	49		72		18	38		56
1422	BIOL2223	HUMAN ANATOMY										
1426	BIOL2261	HUMAN ANATOMY LAB										
1423	BIOL2233	ANATOMY & PHYSIOLOGY I		205	47	38	290		193	77	58	328
1429	BIOL2291	ANATOMY & PHYSIOLOGY I LAB		158	39	30	227		165	66	47	278
1424	BIOL2243	ANATOMY & PHYSIOLOGYII	26		111		137	22		78	32	132
1429	BIOL2301	ANATOMY & PHYSIOLOGYII	23		99		122	17		69	30	116
1427	BIOL2273	HUMAN PHYSIOLOGY										
1428	BIOL2281	HUMAN PHYS. LAB										
1431	BIOL3314	ICTHYOLGY/HERPETGY										
1433	BIOL3333	MOLECULAR BIOLOGY										
1432	BIOL3324	ORINTHOLOGY/MAMMLGY								10		10

		<b>Term Enrollment</b>	<b>032t</b>	<b>041s</b>	<b>042s</b>	<b>041t</b>	<b>04-05</b>	<b>042t</b>	<b>051s</b>	<b>052s</b>	<b>051t</b>	<b>05-06</b>
1435	BIOL3354	GENETICS			17		17			13		13
1436	BIOL3363	CELL BIOLOGY							13			13
1440	BIOL1403	CELL & MOLECULAR										
1441	BIOL3413	MAMMALOGY							17			17
1445	BIOL3451	MAMMALOGY LAB							15			15
1443	BIOL3434	REGIONAL FLORA		1	9		10					
1448	BIOL3484	GENERAL ECOLOGY		25			25		14			14
1449	BIOL3493	ENVRNMNTL SCIENCE										
1450	BIOL3503	MARINE BIOLOGY				10	10				5	5
1451	BIOL3511	MARINE BIOLOGY LAB				8	8				4	4
1455	BIOL3553	MICROBIOLOGY	30	41	50	24	145		39	41	16	96
1456	BIOL3561	MICROBIOLOGY LAB	17	39	41	17	114		36	33	13	82
1457	BIOL3574	COMPARATIVE ANATOMY		6			6					
1458	BIOL358V	NATURAL HISTORY		1		3	4		3		2	5
1476	BIOL3763	EVOLUTION								17		17
1460	BIOL4602	SEMINAR EVOL BIOL		17			17					
1446	BIOL4624	EMBRYOLOGY										
1463	BIOL4634	VERTBRT PHYSIOLOGY			12		12			12		12
1466	BIOL4664	MAMMALIAN HISTOLOGY		8			8					
1467	BIOL4673	PHARMACOLOGY			14		14			27		27

		Term Enrollment	032t	041s	042s	041t	04-05	042t	051s	052s	051t	05-06
1472	BIOL4724	AQUATIC BIOLOGY		7			7					
1468	BIOL4683	PATHOPHYSIOLOGY			52		52	11		39		50
1469	BIOL469V	SENIOR RESEARCH		1	1		2		1			1
1471	BIOL4711	SEM IN TEACH BIOLOGY			2		2					
1474	BIOL4741	BIOLOGY SEMINAR							8	3		11
1475	BIOL4753	ST:VERT POP ANALY								4		4
1480	BIOL3801	MAMMALIAN ANAT LAB		8			8					
		<b>Total for BIOL</b>	<b>189</b>	<b>996</b>	<b>953</b>	<b>140</b>	<b>2278</b>	<b>105</b>	<b>934</b>	<b>910</b>	<b>260</b>	<b>2209</b>
1602	CHEM1023	INTRODUCTORY		135	137		272		126	161	14	301
1603	CHEM1031	INTRO CHEM LAB		97	97		194		100	102	8	210
1610	CHEM1103	GENRL CHEMISTRY I		96	36	19	151		68	26	13	107
1612	CHEM1121	GEN CHEM I LAB		81	25	12	118		53	19	8	80
1611	CHEM1113	GENRL CHEMISTRY II	13		44		57	18		19		37
1613	CHEM1131	GEN CHEM II LAB	12		41		53	13		17		30
1620	CHEM2203	INTRO ORG/BIOCHEM		10			10		18			18
1621	CHEM2211	INTRO ORG/BIOCHEM LAB							1			1
1631	CHEM3314	QUANT ANALYSIS		12			12		5			5
1640	CHEM3404	ORGANIC I		25			25		35			35
1641	CHEM3414	ORGANIC II			18		18			23		23
1644	CHEM3444	INSTRUM ANALYSIS			7		7					



		Term Enrollment	032t	041s	042s	041t	04-05	042t	051s	052s	051t	05-06
1645	CHEM3454	ORGANIC ANALYSIS										
1650	CHEM 4503	SPECIAL TOPICS		8			8					
1661	CHEM4611	CHEMISTRY SEMINAR			1		1					
1662	CHEM4624	ADV INORGANIC		4			4					
1663	CHEM4634	BIOCHEMISTRY I							8			8
1664	CHEM4643	BIOCHEMISTRY II								4		4
1666	SCED 4663	PRACT SCI TCH										
1669	CHEM469V	SENIOR RESEARCH	1	1	1	2	5		1	1		2
1670	CHEM4704	PHYSICAL CHEM I										
1671	CHEM4714	PHYS CHEM: K & QM			4		4			3		3
1672	CHEM4721	SEM CHEM TCH										
1679	CHEM479V	IND STUDY										
		<b>Total for CHEM</b>	<b>26</b>	<b>469</b>	<b>411</b>	<b>33</b>	<b>939</b>	<b>31</b>	<b>415</b>	<b>375</b>	<b>43</b>	<b>864</b>
1805	ESCI1051	ELEMENTS OF GEOL LAB		73			73	27	69			96
1806	ESCI1063	ELEMENTS OF GEOLOGY		99			99	39	85			124
1807	ESCI1073	EARTH & ATMOSPHERE		20	122		142		19	120		139
1808	ESCI1081	EARTH & ATMOSPHERE LAB		20	97		117		19	95		114
1858	ESCI358V	NATURAL HISTORY	1			3	4					
		<b>Total for ESCI</b>	<b>1</b>	<b>212</b>	<b>219</b>	<b>3</b>	<b>435</b>	<b>66</b>	<b>192</b>	<b>215</b>		<b>473</b>

		Term Enrollment	032t	041s	042s	041t	04-05	042t	051s	052s	051t	05-06
2323	FOR 2231	DENDROLOGY I LAB		29			29					
2629	FOR 2291	DENDROLOGY II LAB			18		18					
		<b>Total for DENDR</b>		<b>29</b>	<b>18</b>		<b>47</b>					
4414	MATH0143	INTRO ALGEBRA		377	261	49	687		322	267	36	625
4418	MATH0183	INTERM ALGEBRA	28	269	257	38	592	39	288	262	25	614
4400	MATH1003	SURVEY OF MATH		25	19		44		45	23		68
4403	MATH1033	TRIGONOMETRY		69	64	29	162		47	54	3	104
4404	MATH1043	COLLEGE ALGEBRA	28	292	156	34	510	22	351	316	20	709
4407	MATH1073	COMPACT CALCULUS			18		18			29		29
4417	MATH1174	PRECALCULUS										
4425	MATH2254	CALCULUS I										
4425	MATH2255	CALCULUS I		21	18		39		26	46		72
4426	MATH2264	CALCULUS II										
4449	MATH3495	CALCULUS II		5	4		9		6			6
4427	MATH2274	CALCULUS III										
4423	MATH3233	HISTORY OF MATH			6		6					
4440	MATH3403	PROB & STAT		4			4		8			8
4424	MATH2243	FUND GEOMETRIC CON		2			2					
4441	MATH3413	NUMBER THEORY		7		4	11					

		Term Enrollment	032t	041s	042s	041t	04-05	042t	051s	052s	051t	05-06
4442	MATH3423	COL GEOMETRY		14			14					
4445	MATH3453	ABSTRCT ALGEBRA							7			7
4446	MATH3463	LINEAR ALGEBRA			11		11					
4452	MATH3525	DIF EQ & MULTI-DIM CAL		1	6		7			6		6
4455	MATH3553	NUMBER SYSTEMS										
4446	MATH3483	MATH MODELING										
4451	MATH3513	DISCRETE MATH								7		7
4461	MATH4613	DIFFNTL EQUATIONS										
4465	MATH465V	READING/RESEARCH	13		1		14			3	5	8
4471	MATH4711	MATHEMATICS SEMINAR			6		6		2	1		3
4479	MATH479V	IND STUDY										
		<b>Total for MATH</b>	<b>69</b>	<b>1086</b>	<b>827</b>	<b>154</b>	<b>2136</b>	<b>61</b>	<b>1102</b>	<b>1014</b>	<b>89</b>	<b>2266</b>
5600	PHYS1003	ELEMENTS		22	23		45		13	24		37
5602	PHYS1021	ELEM PHYSICS LAB		19	14		33		14	17		31
5620	PHYS2203	GENERAL I		20	17		37		28	24		52
5621	PHYS2213	GENERAL II		5	9		14		7	13		20
5623	PHYS2231	LAB PHYSICS I		20	15		35		27	21		48
5624	PHYS2241	LAB PHYSICS II		7	6		13			15		15

		Term Enrollment	032t	041s	042s	041t	04-05	042t	051s	052s	051t	05-06
5631	PHYS2313	UNIV PHYS I								3		3
5632	PHYS2323	UNIV PHYSICS II										
5635	PHYS2354	RADIATION PHYSICS										
5640	PHYS3404	MODERN PHYSICS										
5644	PHYS3444	OPTICS										
5660	PHYS4603	MECHANICS										
		<b>Total for PHYS</b>		<b>93</b>	<b>84</b>		<b>177</b>		<b>89</b>	<b>117</b>		<b>206</b>
9304	GSCI5043	ADVANCED GEOLOGY	4				4				1	1
9306	GSCI5063	ADV: CHEM										
9319	GSCI519V	IND STUDY	1			2	3				2	2
9339	GSCI539V	ADV ENVR SCI									3	3
9326	GSCI5263	ADV FIELD BIOLOGY	1				1				1	1
9328	GSCI528V	ST:ADV SCI TEACHING	1			4	5					
9339	GSCI539V	IND STUDY	4			4	8					
9359	GSCI559V	IND STUDY				1	1					
9379	GSCI579V	IND STUDY										
		<b>Total for GSCI</b>	<b>11</b>			<b>11</b>	<b>22</b>				<b>7</b>	<b>7</b>
4466	MAED4663	METHODS							7			7

		<b>Term Enrollment</b>	<b>032t</b>	<b>041s</b>	<b>042s</b>	<b>041t</b>	<b>04-05</b>	<b>042t</b>	<b>051s</b>	<b>052s</b>	<b>051t</b>	<b>05-06</b>
9501	MAED5013	GEOMETRY										
9502	MAED5023	LINEAR ALGEBRA										
9503	MAED5033	PROB & STAT										
9504	MAED5043	INTERM ANALYSIS										
9520	MAED5203	HISTORY OF MATH										
9524	MAED5243	MODERN ALGEBRA										
9529	MAED5293	TOPCS IN MATH	46	13		6	65	64	10		3	77
9579	MAED579V	IND STUDY:STATISTICS										
		<b>Total for MAED</b>	<b>46</b>	<b>13</b>		<b>6</b>	<b>65</b>	<b>64</b>	<b>17</b>		<b>3</b>	<b>84</b>
1667	SCED4671	SEM:CLASSROOM TCH				1	1	1				1
		<b>Total for SCED</b>				<b>1</b>	<b>1</b>	<b>1</b>				<b>1</b>
		<b>Total for M &amp; S</b>	<b>342</b>	<b>2993</b>	<b>2611</b>	<b>347</b>	<b>6293</b>	<b>328</b>	<b>2841</b>	<b>2720</b>	<b>402</b>	<b>6291</b>