

2007 MASTER PLAN/PROGRESS REPORT

Administrative Support Unit: College of Science

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Mission: The primary purpose of the College of Science is to offer quality undergraduate and graduate science curricula. Course offerings in the sciences are designed to satisfy the requirements of the curricula for the sciences; for the core curriculum; and for the requirements of other curricula and programs.

In addition to courses and curricula, the College of Science is charged with the responsibility for providing the expertise, resources, and additional learning opportunities necessary for each student to progress in meeting academic, personal and career goals. Laboratories, equipment and library holdings are a necessary part in providing learning opportunities in the sciences.

College of Science Faculty are encouraged to concentrate on teaching and to pursue research and scholarly activity as a means of keeping themselves, the curricula, and the course content up to date. Participation in community service activities such as science fairs, career days, and public lectures are among the activities encouraged to enhance community learning in the sciences. Research in areas related to the regional environment, local industries, as well as basic science also provide enrichment for the sciences, the University, and Southwest Louisiana.

Institutional Mission Reference: The College of Science responds through its departments, faculty, staff and students to McNeese State University's mission and core values of student success, academic excellence, fiscal responsibility, and university-community linkages. Faculty in the College have a commitment to excellence in teaching, scholarly activity and service.

Assessment Methods Utilized:

- ___ Student Opinion Survey (SOS)
___ National Survey of Student Engagement (NSSE)
X Internally-developed Survey
___ Faculty Roster
___ Annual Performance Review (APR)
___ Community Involvement
___ Exit Survey/Interview/Exam
___ Grant Activity
X Number of Publications
___ Participation in MSU Committees/Organizations
___ Participation in Professional Committees/Organizations
X Student Evaluation of Instruction (SEI)
___ Unit Audit
X Data collection via Excel spreadsheet
___ Data collection via Access database
___ Other - Please describe:

Data Repository Location:

Departmental Offices, Registrar's Office, Dean's Office
Dean's Office
Dean's Office
Dean's Office

Administrative (Support Unit) Performance Objective 1: To produce sufficient graduates in each program in order to maintain viable programs. To support accreditation efforts in each program.

Institutional Goal(s) Supported:

AE2 Develop programs that are viable, innovative, and relevant to market needs.

AE4 Uphold the commitment to regional and national program accreditation.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>The BOR sets minimum standards of an average of 8 completers in each undergraduate program, and 5 completers in each graduate program. Exceptions are made for certain necessary core areas.</p>	<p>See data below.</p>	<ol style="list-style-type: none"> 1. Numbers in Wildlife seem to growing. Recruiting must continue. 2. Environmental Science is definitely a low completer. A committee has been formed to determine the fate of the program. 3. All others are meeting the benchmark or are exempt at this time.

DEGREE	2001-02	2002-03	2003-04	2004-05	2005-06	2006-2007	5-year Average
Agriculture	19	22	26	28	19	22	23.40
Wildlife	7	10	4	12	5	7	7.60
Biology	21	27	20	15	22	21	21.00
Environ Sci	6	2	8	2	6	1	3.80
Med Tech	6	12	6	8	5	15	9.20
Rad Tech	12	15	12	15	17	20	15.80

Chemistry	6	3	3	4	11	11	6.40
CIT	15	17	23	14	9	9	14.40
Computer Sci	9	18	13	8	11	3	10.60
Math Education						1	0.20
Mathematics	3	5	11	2	2	3	4.60
FACS Ed	6	11	7	5	0	2	5.00
FACS	29	31	25	31	34	26	29.40
Physics	0	1	1	0	1	1	0.80
Totals	139	174	159	144	142	142	152.20

M.S Chemistry	3	3	3	0	0	0	1.20
M.S. Environm	4	4	5	0	2	0	2.20
M.S. Math Sci	16	14	19	16	17	19	17.00
M.S. Envirn&Chem			3	4	4	8	3.80
Totals	23	21	30	20	23	27	24.20

Administrative (Support Unit) Performance Objective 2: Departments in the College will offer sufficient courses to meet the student needs and to utilize faculty resources.

Institutional Goal(s) Supported:

SS1 Foster a climate that enhances student-learning, focuses on retention, values advising, and enriches the quality of campus-life.

AE1 Emphasize excellence in instruction.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
Increases or decreases of +/- 10% will be examined to determine needs in terms of instructors and class offerings.	See data below.	<ol style="list-style-type: none"> 1. Agriculture, BIIN, and CHEM will be allotted less funds for VLs. Position requests will need to be justified by SCH increases. 2. Overall the SCH drop in the College was less than the drop in enrollment for the University. 3. DHs are looking to offer more sections of service courses in prime times. 4. Some Departments were forced to use smaller rooms because of building closures. Since Gayle Hall has reopened more space will be available for classes.

S	F2001	F2002	F2003	F2004	F2005	F2006	% of change
Agriculture	1690	1590	1980	2212	2185	1973	-9.7%
BIEN	8474	8436	8724	9718	10107	8719	-13.7%
Chemistry	3519	3390	4220	4132	4911	4404	-10.3%
DMCS	14981	15145	15111	15613	14854	14386	-3.2%
FACS	1692	1750	2121	2849	2710	2847	5.1%
Physics	1572	1969	2158	2076	2075	2150	3.6%
TOTALS	31928	32280	34314	36600	36842	34479	-6.4%

Administrative (Support Unit) Performance Objective 3: Departments in the College will recruit and retain sufficient majors in their departments in order to sustain their degree programs.

Institutional Goal(s) Supported:

- SS1 Foster a climate that enhances student-learning, focuses on retention, values advising, and enriches the quality of campus-life.
- AE1 Emphasize excellence in instruction.
- AE2 Develop programs that are viable, innovative, and relevant to market needs.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
Note any changes in majors that result in an increase or decrease of +/- 10%	See data below	<ol style="list-style-type: none"> 1. DMCS experienced a serious drop in majors, mostly in CS. Recruitment has been given high priority for CS.. 2. The decrease in majors across the College was not significant, despite the drop in University enrollment. 3. Majors increased in the M.S. in Math Sci. More graduate classes will need to be offered in DMCS in CS.

DEPARTMENT	F2001	F2002	F2003	F2004	F2005	F2006	% of change
Agriculture	205	210	213	214	211	214	1.4%
BIEN	469	516	590	582	588	619	5.3%
Chemistry	39	36	45	84	103	102	-1.0%
FACS	201	203	174	178	169	164	-3.0%
DMCS	241	228	191	193	187	145	-22.5%

Physics	3	7	8	8	9	11	22.2%
TOTALS	1158	1200	1221	1259	1267	1255	-0.9%

GRADUATE PROGRAM	F2001	F2002	F2003	F2004	F2005	F2006	% of change
Mathematical Sci	44	37	39	40	30	38	26.7%
Envirn&Chem		11	26	39	35	35	0.0%
TOTALS	44	48	65	79	65	73	12.3%

Administrative (Support Unit) Performance Objective 4: The College and the departments will promote and sustain effective classroom instruction.

Institutional Goal(s) Supported:

AE1 Emphasize excellence in instruction

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>Each department has set benchmarks for the faculty to meet in the teaching component of the APR.</p>	<p>All faculty in all departments met the benchmarks for the teaching component.</p>	<ol style="list-style-type: none">1. Dhs and Dean are considering adding or revising the benchmarks for the teaching component. Subject remains under study by the DHs Council.2. No actions at this time.

Administrative (Support Unit) Performance Objective 5: The College and the departments will promote and encourage scholarly activity and service among faculty and students.

Institutional Goal(s) Supported:

- AE5 Encourage undergraduate and graduate research in appropriate disciplines.
- FR5 Support efforts to obtain federal funding.
- UC1 Support mutually beneficial university/community collaborations.
- UC5 Partner with educational agencies to improve the quality of life in our region.

<u>Expected Level of Achievement</u>	<u>Actual Data From Assessment</u>	<u>Actions/Decisions</u>
<p>Each department has set benchmarks for the faculty in the scholarly activity component of the APR.</p>	<p>All faculty in all departments met either the benchmarks for scholarly activity and/or the benchmarks for service.</p> <p>Ten undergraduate research projects were funded involving faculty and students. Projects were presented at regional professional meetings.</p> <p>Ten theses were completed in the graduate program.</p>	<ol style="list-style-type: none">1. DHs and Dean are considering raising the level of the benchmarks in scholarly activity and/or service. No action at this time.2. The College will continue to emphasize and fund undergraduate research.3. Thesis option and or project report will be emphasize in the graduate program.



Resources Allocated:

